



H.E. PHILIPPSBORN

ELSEVIER'S  
DICTIONARY  
OF VITAMINS AND  
PHARMACOCHEMISTRY

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in  
**English, German, French and Portuguese**

compiled by

**H.E. PHILIPSBORN**



**ELSEVIER**

Amsterdam • Boston • Heidelberg • London • New York • Oxford  
Paris • San Diego • San Francisco • Singapore • Sydney • Tokyo

Elsevier

Radarweg 29, PO Box 211, 1000 AE Amsterdam, The Netherlands  
The Boulevard, Langford Lane, Kidlington, Oxford OX5 1GB, UK

First edition 2007

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#### **Library of Congress Cataloging-in-Publication Data**

A catalog record for this book is available from the Library of Congress

#### **British Library Cataloguing in Publication Data**

A catalogue record for this book is available from the British Library

ISBN-13: 978-0-444-51660-2

ISBN-10: 0-444-51660-3

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Printed and bound in The Netherlands

07 08 09 10 11 10 9 8 7 6 5 4 3 2 1

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## Preface

### A Glance back into the History of Pharmacochemistry.

#### From Antiquity to the Presence.

Health has obviously been always one of the main preoccupations of mankind, since its very beginning. The same observation this author made in his Preface to his “Elsevier’s Dictionary of Nutrition and Food Processing”, however, there related to nutrition. As a matter of fact, health and nutrition have always been interrelated, and the wish to cure poor health continues to be one of the basic purposes of humankind, and the desire for restoring good health called for the ways of obtaining it, especially by intake of substances,- which was a logical way to try.

The first source and the most lasting one for medicinal substances, for remedies, have been the plants, - has been the vegetable kingdom. Through millenniums the flora furnished prime material to alleviate and to heal diseases, and the Phytotherapy, the treatment by plants, and, later, the active principles obtained from the flora, were the only means medicine had, until the discovery of the atom and thus the development of modern chemistry and molecular biology.

Dating from 1300 B.C. approx., the first manuscript informing about phytotherapy, is the “Ebers Papyrus”, discovered by the Egyptologist of this name, in Luxor, city in South Egypt, on the Nile river, on the site of ancient Thebes. This papyrus shows us, that the Egyptians, at the time of Pharaoh Ramses I. (1320–1318 B.C., founder of the 19. Dynasty), already knew medicinal herbs and plants, and they used their knowledge of the vegetable kingdom for medicinal purposes, as e.g. the sea onion, also called: squill, (“*Scilla maritima* L., Liliaceae”), formerly (already in modern times) used like digitalis today - and purple foxglove has always been the source of the proper digitalis, (“*Digitalis purpurea* L.”), active principle: digitoxin, stimulating heart muscle contraction. - The poppy, (“*Papaver somniferum* L.”, “Papaveraceae”) from which unripe capsules the medicamentous substance opium is still obtained. Also we find mentioned cassia i.e. senna leaves (*Cassia senna* L.; Leguminosae ") still used in form of an extract as a laxative and in cases of colitis; and there we learn, that the fern species called: adiantum, which is “Maidenhair“, (*Adiantum pedatum* L., Polypodiaceae) was employed for medicinal purposes, having a bitter principle and volatile oil as its constituents.

Around 1225 B.C. lived Moses, who led the Israelites out of Egyptian slavery, and in the Pentateuch, - the Five Books Moses - the first five books of Jewish and Christian Scriptures (of the Christian Old Testament) various observations about diseases and also detailed diagnostics, are made, - e.g. on leprosy, [e.g. Leviticus 13.18] the most feared disease of all - which had to wait for ca. 3.000 years for treatment, - the first definite treatment only in our time, in 1935, by the employment of sulphonamides (sulpha drugs), the first medicament against bacteria, discovered by the bacteriologist Gerhard Domagk (1895–1964). The 5<sup>th</sup> Book Moses, Deuteronomy, observes:

“ Jehovah will smite thee with the boil of Egypt, and with the emerods and with the scurvy, and with the itch, whereof thou canst not be healed.“  
(ASV – 1901 American Bible Standard Version)

Here we find the mentioning of furuncle (boil)- presently to be treated with antibiotics, and scurvy – vitamin C-deficiency disease; the itch we call today also “pruritus” of various origins.

In 2 Kings 20.7. of the Old Testament and the Jewish Scriptures, we are told :

“And Isaiah said, Take a cake of figs. And they took it and put it on his wound, and he got better.“  
(BBE – 1965 Bible in Basic English)

Here we have the indication of a diseased part of the body, a wound, and the remedy, a poultice, fomentation of figs, - and we still use a heated/medicated substance e.g. porridge on cloth for application on the skin to ease pain.- We also find indications for the use of phytotherapy, e.g. in Ezekiel 47.12, of the Old Testament and the Jewish Scriptures:

“And by the edge of the river..will come up every tree used for food, whose leaves will ever be green. The first will be for food and the leaf will make well those who are ill.”

Hippocrates, Greek physician, lived between ca. 460–ca. 377 B.C.. He is considered to be the “father of medicine”– proclaiming that “health is the natural state of men” and the publication of his “Corpus Hippocraticum”, one hundred years after his death, reaffirmed the validity of phytotherapeutic therapy, the only basis for the elaboration of any type of remedies for still the next 2.300 year to come. Hippocrates subdivided already the medicaments, those for external use, as e.g. poultice, fomentation and oils etc., and solid pills, infusions, wines etc. for oral administration. His “Corpus Hippocraticum“ mentioned already over 230 medicinal herbs and drugs at that epoch. This way, Hippocrates was the founder of Greek medicine and of the Medical School of Cos (in Turkish called: “Istanköy”), a Greek island of the Dodecanese area, in the Aegean Sea. - Many sages we shall encounter through the centuries to come, searching for ways to heal humankind – often mixing research with myth and magic. At the very beginning of our age, we meet Pliny, Gaius Plinius Secundus, (A.D. 23-79, died at the eruption of the volcano Vesuvius), Roman Scholar, who wrote his Great Natural History (called in German: “große Naturgeschichte”), mentioning a great number of medicinal drugs.

During centuries to come, research was based on observation and experiments - based on empiric – on practical experiment. Then came the Middle Ages, a period of European history, beginning at 476, the Decline of the Roman Empire due to Germanic invasions, until 1453, when occurred the conquest of Constantinople, Istanbul, by the Turks - i.e. until the movement of Protestant Reformation in Europe and the discovery of the New World.

In ancient times, the Arabs were great contributors in the process of technological and also chemical development. In Minor Asia e.g., the alchemist Jābir ibn Hayyān (ca. 721–851), also known as L. Geber, is considered to be the founder of chemistry. In the Middle Ages, Baghdad, turned out to be the centre of Arts and Sciences. The major technological contribution of the Arab world, favouring chemistry, was the conception and development of the alembic, the distillation apparatus, being the distillation process, a process of substance-separation, the most important process in chemistry. This was the real “Holy War” the Arab nations fought, against human ignorance, favouring mankind, - all other “holy wars”, they were and they are still fighting, are heresies, as well as the inquisition in Europe (from 1231/32 until the 1859, in Italy) was a disgusting heresy - all these wars and sufferings committed in the name of religion, because, independently of the name we give the Almighty, Who is the same for Arabs, Christians and the Jewish people – destruction of men is never holy – but must be considered a religious misguidance, as everyone can be informed, reading his own Scriptures.

Within the period of the Middle Ages, we find the Alchemy, an experimental activity with chemical substances, interlaced with magic concepts, thriving for the discovery of universal cure of diseases and for the secrets of prolonging life. The physician Paracelsus (ca. 1493–ca. 1541) was the first to recognize the chemical and physical basis of life, of living organisms. Referring to his experiments with active substances, he said: “The difference between a medicament and a poison lies in the dose”. He must have known it, as he tried them out sometimes, on his own body – a good suggestion for modern physicians to do – before prescribing the drugs for their patients! In this epoch, the era of Renaissance, from the beginning of the 14<sup>th</sup> century in Italy, until within the 17<sup>th</sup> century, marked by the beginning of modern science, took place a new method of chemical experiment – the method of systematic experiment, of systematic investigation of Nature, of the Phenomena of Nature.

We shall now skip over a couple of years, where many sages did their best in research and experimentation, and we’ll have a rapid look to France, a nation, which contributed greatly with new medicaments and new ideas. Based on opium, occurred the development of the “*élixir parégorique*”, which this author is mentioning, due to the fact, that this French pain-releasing elixir of the past, still is on the market, far away from France, i.e. in Brazil, with the name: “*elixir paregórico*”, a composite product, containing 0,05 g of opium extract in every 10 g of the total product.

Finally came the 19<sup>th</sup> century, when the French chemist and biologist, Louis Pasteur (1822–1895), one of the most important sages of the 19<sup>th</sup> century, elaborated the basis of bacteriology, the science of bacteria, the rules of asepsis, trendsetting for the future medicine, the art of curing diseases. He discovered the participation of bacteria in the fermentation process, and he produced, as the first of all researchers, vaccines against e.g. rabies and a series of other diseases. He is considered to be one of the greatest benefactors of humanity.



Looking at neighbouring Germany, appeared the Glauber's salt (as to Johannes Rudolf Glauber, 1604–1668), which is sodium sulphate, still known in Germany as "Glaubersalz" – a cathartic (laxative) and diuretic. We find the physician Samuel Hahnemann (1755–1843) elaborating his fundamental Homoeopathic Law: "Similia similibus curantur" (like cures like), a new conception in medicine, in 1810: When the alchemists used chemistry and magic - homoeopathy substituted magic for mystery: Separating from the mother tincture, portions are submitted to a step-by-step operation of "dynamization", using the decimal scale, in a ratio of one to nine. This "dynamization" as to homoeopathic ideas, means to minimize the individual dose, creating an infinitesimal dose – increasing simultaneously its therapeutic activity. Consequently, a homoeopathic infinitesimal dose, of a highly concentrated active principle, contains only a very small couple of ca. half a dozen molecules - this is just the same, as to climb up the Sugar Loaf in Rio de Janeiro, enjoying a marvellous view, down, over the city, overlooking the Guanabara Bay and the beaches of the Atlantic Ocean – and pouring a big 1 litre-tumbler, full of pure active principle, into the Ocean waters. The resulting dilution scale is just the same, due to respective calculations. For this reason, e.g., this author and (prospective) patient does not understand homoeopathy under the conception of pharmacodynamics – where there are no molecules – there can't be any activity – at least no pharmacodynamic one.

Rudolf Virchow (1821–1902), pathologist, established the "Zellularpathologie", the theory, that all diseases are due to pathological alterations of the cells – an "antevision" of the discovery of molecular biology and cytogenetics yet to come. Many years later, the Swiss physician Paul Niehans (1882–1971) also researched the "cellular way", with his "Frischzellenbehandlung", treatment with fresh cells, a cellular therapy by injections of living (calf) cells into the human organism – but the cytogenetics, the first results of the study of genetics and cytology - it should take still a long time before they finally arrived! The physician Paul Ehrlich (1854–1915) found in 1906 the first remedy against syphilis - this terrible disease, the first great sexually transmissible disease, devastating humankind since the antiquity - called: "Salvarsan", an organic arsen compound (Nobel prize 1908). He is the founder of chemotherapy – disease prevention and treatment by active chemical substances. But the employ of arsen compounds, as well as later the bismuth salts, turned out to be difficult in because of their toxic side effects, especially on the liver as well as on blood formation. The definite cure of syphilis had to wait for still another 40 years, when penicilline turned out to be available all over the world.

Also the Netherlands made their contribution, an essential one, fundamental for the correct understanding and elaboration of active principles. The chemist Jacobus Henricus van't Hoff (1852–1911) is the founder of the stereochemistry, and Nobel prize winner of 1901. This research deals with the spatial arrangements of atoms in molecules, the spatial arrangement of atoms in compounds as well as its relation to the properties of the compounds, in our specific case, to the properties of the medicamental active substances. Only knowing the spatial arrangement of the atoms we could differentiate between fructose, a fruit sugar and glucose/dextrose, having the same formule  $C_6H_{12}O_6$ . Glucose/dextrose is intolerable for diabetics, fructose may be used in their nutrition as a natural sweetener; isomers, i.e. medicinal compounds with the same

number of atoms, but showing differences in structural-spatial arrangements and in properties, can be understood parting from stereochemistry.

Brazil, October 31, 1904, Rio de Janeiro, Federal Capital. On the initiative of the physician Osvaldo Cruz (1858–1917) the Brazilian Congress passed a law at this date, turning all citizens bound to undergo vaccination against smallpox, also called “variola”. This vaccine, already known and applied in Europe, based on Louis Pasteur’s research and experiments – was yet unknown in Brazil, at least unknown to the people, who, after all, had to submit themselves to this procedure. With the press campaigning to the contrary, the great statesman and jurist Rui Barbosa proclaimed in the Senate: “The law of vaccination is a dead law!” And he continued – “against the crime, violence and tyranny of the government, which intends to poison him, with the introduction into his blood of a virus... possible conductor of disease and death”. There was a military rebellion, and on november 10<sup>th</sup> exploded popular insatisfaction turmoil. The sanitary brigades, accompanied by police, visited house by house, applying the vaccine on the occupants by force. Osvaldo Cruz fought variola successfully and also rescued Rio de Janeiro from yellow fever, turning the city clean, hygienic and receptive to foreign tourists and visitors of the National Exhibition, which would occur, in the shadow of the Sugar Loaf, in the year 1908, presenting to the world an urbanized and beautiful Rio de Janeiro with endless Ocean beaches. At the beginning of the 20<sup>th</sup> century we encounter other great scientists, like Carlos Chagas, who discovered the Chaga’s disease, (in 1912), caused by a trypanosome (*Trypanosoma cruzi*) – Gaspar Viana, developing treatment of leishmaniasis, leishmania infection (genus *leishmania*), flagellate protozoans – and Vital Brazil, dedicated to the research of an antiserum against ophidiiasis: poisoning by snake poison.

At the beginning of the new century, in the twenties, the United States discovered the elaboration of animal insulin, the hormone, normally produced in the pancreas, by the beta cells of the islets of Langerhans. With this invention, the part of mankind, suffering from diabetes mellitus, got their first medicament to redeem them from their terrible condition. Linus Carl Pauling (1901–1994) introduced the quantum mechanics into chemistry, discovering the principles leading him to determine the nature of chemical bonds and molecular structures, being considered the “father of molecular biology” having also been one of the founders of biotechnology (Winner of the Noble Prize for chemistry in 1954 and for peace in 1962).

The British bacteriologist Sir Alexander Fleming (1881–1955) researched in England. Due to Louis Pasteur’s work, the world now new new already about bacteria, and Fleming, handling in 1928/29 a bacterial culture, observed that staphylococci are inhibited in their growth by the presence of mould, fungus. So he turned out to be the discoverer of penicillin, an antibiotic acid produced by moulds and used against infections by cocci (spherical bacteria type). He was awarded the Nobel prize in 1945. But his discovery, of enormous importance for saving humankind from infections, was not yet applicable in practice – one of the most important mankind-saving discoveries just remained forgotten for ten years, until 1939, as we shall yet see below.

In Germany we meet the physician and bacteriologist Gerhard Domagk (1895–1964), who found an active principle against bacteria during his experimentation with azo dyes in 1935: the sulphonamide, the future sulpha drug - first medicament against leprosy and malaria.

Only in 1939, the British pathologist, Sir Howard Walter Florey (1898–1968) and the German-born British biochemist Ernst Boris Chain (1906–1979) took up again Fleming's discovery and isolated in 1940 penicillin G (Benzylpenicillin), parting from cultures of "Penicillium notatum". The problems of industrial production were resolved during World War II, and then this antibiotic drug, saving humankind from suffering and death, was available, in form of a medicament, the world over – in Europe, with the end of the War, in 1945 only.

"Earth bears the basis of life, its produce, the diversity of plants" we said in our "Elsevier's Dictionary of Nutrition and Food Processing", and now we go on including also the formation of coal by decomposition of vegetable matter – and the same food-supplying Flora, guarantee of humankind's maintenance and growth - is guarantee also for the health of men – directly by Phytotherapy, indirectly by Semisynthesis of Active Principles in biotechnology – and going further back into the primordial structure of our organism – by way of molecular biology, by cytogenetics, showing the ultimate biologic organizational facts of our organism, on molecular basis, showing us that all the life is based on the macromolecule called DNA – starting from the chromosomes and the genes, the genetic cell material – to the final genetic phenomena of life – we realize that:

This intimate understanding turned phytotherapeutic medicaments, as well as coal-chemistry derivated active substances, more targeted in its applications.

## The Epoch of Vitamins.

Vitamins are no definite chemical group of compounds. The designation “vitamin” is considered to be a functional one and was created by Casimir Funk in 1911, believing that the antiberiberi factor of the vitamin B-complex, thiamine, was an amine essential for life or “vita” – but as not all vitamins turned out to be amines, continued the designation without the final “e”.

Great plagues in ancient times, until the passed century, were deficiency-diseases, linked to certain vitamins. The most important diseases were scurvy, a vitamin E-deficiency disease, beriberi, based on poor nutrition, due to lack of vitamin B<sub>1</sub> (thiamin), and the rickets, a children’s disease, affecting the bones, due to hypovitaminosis D. The assimilation of calcium and phosphorus is favoured by sunlight and is necessary to avoid this disease – but sunlight is rare in Northern Europe, especially in the winter months. Nutritional supplementation of vitamin D prevents this horrible problem of bone malformation. But people didn’t know about it in the middle of the 1600s, when occurred an increase of rickets, in an epoch, when people migrated to the cities, spending less time in the few sunshine on the fields, and this turned out to be a tendency, accompanying the industrial development and the industrial revolution.

Beriberi is a nutritional deficiency disease, causing degeneration of the digestive and nervous system, and of the heart. We have a report from the Japanese Navy, of the year 1882, when half of the crew, along a cruise of nine months, suffered from this deficiency disease. Their nutrition had been polished rice.

Brazil started a great project in 1872, and its execution lasted until 1912: The – tragic – epic in the rain florest, the construction of the railway Madeira-Marmoré, in the northern State of Rondônia. The Brazilian Emperor, Dom Pedro II, favoured this railway for the transport of caoutchouc, produced in the State of Amazonas, to Bolivia. Two US construction companies failed, due to the “florest demons” as there were plenty of them: The hot and humid tropical forest climate with malaria, yellow fever, and Indians with their unerring bows and arrows. But there was still a greater and yet unknown enemy when the project was started again in 1903: the beriberi. Officially, thirty thousand workers died during the construction of the railway; but it goes, that with each sleeper layed, one man died, and the railway, from Porto Velho to Guajará-Mirim had to run 366 km, that means 549 thousand of sleepers to keep the railroad rails in place! Well, exaggeration, but we know, that when the physician Walcott was nominated to direct the Medical Services of the Railway Madeira-Marmoré, there had been nearly 1000 cases of beriberi in the previous four years. He ordered the hospital to include fresh meat, eggs and other types of fresh foodstuffs into the diet – the men in the hospital got rapidly rid of the disease, whereas outside – the workers on their customary nutrition as beans, macaroni, codfish and biscuits - the devastating beriberi continued. Only the researches of vitamin B<sub>1</sub> (thiamine), by R.R. Williams, together with other constituents of the vitamin B complex, like nicotinic acid and nicotinamide, (this one discovered by Spies in 1937) furnished the cure of beriberi and pellagra (this a scaly dermatitis, gastrointestinal disorders and depression).

In Northern Brazil, children today still suffer e.g. from vitamin A deficiency, due to extremely poor nutrition or, better, absence of it. Vitamin A is important for the vision. It forms the purple pigment rhodopsin, the photoreceptor in the rod cells of the retina. Hypovitaminosis A causes xerophthalmia, a progressive eye disease, resulting ultimately in blindness. This problem can be resolved by vitamin A- or provitamin A-supply, e.g. in school nutrition, or added into basic nutritional ingredients, as meal and sugar.

The lack of vitamins, and especially the deficiency of vitamin C, decided, in ancient epochs, the interruption of wars, the outcome of belligerent activities. In Egypt and from Greece to Rome - people suffered from scurvy - the crusaders of the expeditions, formed by the Christian Church, to win back the Holy Land (eight crusades, from 1095 to 1270) had to suffer and to die from scurvy - and in the Middle Ages it was endemic in the Northern Europe winter - this hypovitaminosis ended prematurely voyages and cruises, interrupted projects of circumnavigations, killing the crews, disabling the seafarer; and it made no difference between circumnavigators and corsairs, merchant fleets and pirates. Nobody knew why all those people were falling ill. And the cause of all this was the lack of fresh vegetables, of fruits as nutrition on long voyages. During Vasco da Gama's (1468–1524) voyage in 1493, discoverer of the sea route to the East Indies, he lost 100 sailors of his crew of 160 – all of them dying from scurvy. We find an observation on behalf, from the 16<sup>th</sup> century, when in 1535/36 Jacques Cartier wrote about what we now know to be scurvy - that, following some good advice of the Newfoundland Indians – he nourished his crew on a preparation made of fir needles, with the purpose of curing them from an epidemic, and it seems, he was successful.

Written down by a French seafarer in the 18<sup>th</sup> century, Bernadin de Saint-Pierre, we are told this frightening incident: “During the first month on sea, we immersed the first body, somewhere alongside of Africa; passing through the Cape (of Good Hope) we had 21 sick men on board; at the fourth month on sea, 45 were sick.” and so he went on, three days later, there were already 60 cases of what we now know to be hypovitaminosis, and he finished then: “happily we finally arrived!”. Well, we don't know, whether he had a vague vision, that eating fresh vegetables would avoid this kind of problem, if he had had, then he indeed has not been very “saint”, as he, himself, preferred fresh vegetables all the way long, keeping himself in good health to present us with this interesting report.

In all these cases the seafarer described the consequences of the same disease, consequences of vitamin C-deficiency, the consequences of scurvy.

Luiz Vaz de Camões, (1424/25-1580), Portuguese poet, he himself on the ship, observed closely the devastating consequences of scurvy, transmitting us in his epic “Os Lusíadas”, (Canto V, 81/82) in poetic form:

“ – ali lhe incharam  
As gengivas na boca, que crescia  
A carne, e juntamente apodrecia!

Apodrecia c'um fétido e bruto  
Cheiro, que o ar vizinho inficionava.“

And this means, in less poetic form, but exact, referring to the “bruto”, i. e. coarse intonation:

“There the gums  
swell in their mouth  
where the flesh grew and together decayed!  
Decayed with a stinking and brutish  
Smell, infecting the neighbouring air.”

Vitamin C, i.e. ascorbic acid, was isolated around the year 1921 and it was synthesized only in 1933. And that event meant to be the end of scurvy, the end of thousands of years of suffering and death for humankind.

It is ours to see, what the future will bring!

Looking back into the past, to Rudolf Virchow and his “Zellularpathologie” and thus to the understanding of cytopathogenicity, at the beginning of the 20<sup>th</sup> century and to Paul Niehans, with his “Frischzellenbehandlung”, direct treatment with fresh cells, in the middle of the past century – to the present days and perspectives – we reach now the molecular biology and cytogenetics – the first one, researching the molecules associated to the living organism, the protein synthesis, the structure of nucleic acids – the physicochemical foundation of our life; and the second branch, the association between cytology and genetics, the functioning of cell life and the genetic phenomena, as the manifestation of variations in the living organisms, the final understanding of the human genome – the totality of human genetic material – the understanding of cytodifferentiation, i. e. the development of undifferentiated cells into specialized ones to “repair” neurological or endocrinal functions or even harmed organs, to recreate diseased body parts, the complete understanding of the process of therapeutic cloning, i.e the application of cloning in medical research, also research of embryonic stem cells – this will show us the new pathway to a new kind of “medicine” – turning away from the coal-chemistry active principals, which are the basis of medicaments of today, to the revelation of what we could call:

- Healing Life by Life itself. -

And going back in human life, back on the way of biological evolution, back to primeval times – we could accompany the thoughts of the Greek philosopher Thales of Miletus (ca. 625–547 B.C.), who proclaimed that:

“Water is the origin of all things.”

Henry Erwin Philippsborn, January 2007

Vitamins in Scheme

Vitamin Technology, Pharmacochemistry

Vitamins/Pharmaceutical Technology/Pharmaceutical Forms

Vit.: Vitamins.

Definition: Organic substances, necessary for the good functioning of metabolic processes of the organism, furnished by nutrition, acting as coenzymes and precursors of coenzymes.

Vitamin Technology:

Vitamin Biochemistry/Physiology.

Origin of Vitamins : natural, synthetic.

Fat-soluble Vitamins.

Water-soluble Vitamins.

Vitamins as Antioxidants.

Hypovitaminosis (Vitamin Deficiencies )/ Hypervitaminosis.

Prod.: Production Terms.

Pharmaceutical Chemistry/Pharmaceutical Technology/Pharmaceutical Processes

The Medicamentous Forms.

The Active Principle.

The Origin of the Active Principle.

Chemical Processes

Pharm.: Pharmacodynamics/Pharmacokinetics.

The activity of medicaments on the human organism. Interaction of a drug.

Enz.: Enzymology.

Protein: Organic compounds, containing carbon, hydrogen, nitrogen, oxygen, sulphur etc.; enzymes, hormones, immunoglobulins.

Enzyme: Proteic substance which catalyzes and promotes a specific biochemical reaction.

Cyt.: Cytogenetics.

Cytology.

Genetics/Chromosomes.

Mol.: Molecular Biology.

Phenomenas of the molecular basis of cell structure, cell functioning and cell activity.

Atoms.

Molecules.

Horm.: Hormones.

Definition: A gland product circulating in body fluid and having a stimulatory effect on cellular activity.

Hormone Biochemistry.

Hormone Physiology.

Ant.: Antibiotics.

Definition: Chemical substance produced synthetically or by microorganisms, which inhibits the growth of and/or destroys other microorganisms.

Phyto.: Phytotherapy.

Definition : Use of medicamentous active principles, of plant origin, in therapy.

Plants.

Medicinal Herbs.

Medicamentous Active Principles.

Anat.: Anatomy.

The living human organism.

Homoeop.: Homoeopathic Notions.

Samuel Hahnemann: "Like cures like"

Med.: Medical Aspects.

Physiology

Miscellany



Die Technologie der Vitamine, Die Pharmacochemie

Vitamine/Pharmazeutische Technologie/Pharmazeutische Formen

Vit.: Vitamine

Begriffsbestimmung

Organische Substanz, durch die Ernährung zugeführt, notwendig für das gute Funktionieren metabolischer Prozesse des Organismus, welche als Coenzym oder Vorläufer des Coenzym wirkt :

Vitamine in der Technologie:

Biochemie der Vitamine/Physiologie.

Ursprung der Vitamine : natürlicher; synthetischer.

Fettlösliche Vitamine.

Wasserlösliche Vitamine.

Vitamine als Antioxydantien.

Hypovitaminose (Vitamin-Mangel)/Hypervitaminose.

Prod.: Fachausdrücke aus der Produktion.

Pharmazeutische Chemie/Pharmazeutische Technologie/Pharmazeutische Prozesse.

Die medikamentösen Formen.

Der Wirkstoff.

Der Ursprung des Wirkstoffes.

Pharm.: Pharmakodynamik / Pharmacokinetik.

Die Wirkung der Arzneistoffe auf den menschlichen Organismus. Interaktion eines Arzneimittels.

Enz.: Die Enzymologie.

Protein: Organische Verbindungen, welche Kohlenstoff, Wasserstoff, Stickstoff Sauerstoff und Schwefel usw. enthalten; Enzyme, Hormone, Immunoglobuline.

Enzym: Protein-Substanz, welche eine spezifische biochemische Reaktion katalysiert und fördert.

Cyt.: Zytogenetik.

Zytologie.

Genetik/Chromosomen.

Mol.: Molekularbiologie.

Phänomene der molekularen Grundlage des Aufbaus der Zelle, ihres Funktionierens und ihrer Aktivität.

Atome.

Moleküle.

Horm.: Hormone.

Begriffsbestimmung: Eine Drüsensubstanz, welche in den Körpersäften zirkuliert und eine anregende Wirkung auf die Zellaktivität ausübt.

Biochemie der Hormone.  
Physiologie der Hormone.

Ant.: Antibiotika.

Begriffsbestimmung: Synthetisch oder von Mikroorganismen produzierte chemische Substanz, welche das Wachstum anderer Mikroorganismen hemmt und/oder zerstört.

Phyto.: Phytotherapie.

Begriffsbestimmung: Einsatz, in der Therapie, von medikamentösen Wirkstoffen pflanzlichen Ursprungs.

Pflanzen.

Heilkräuter.

Medikamentöser Wirkstoff.

Anat.: Anatomie.

Der lebende menschliche Organismus.

Homoeop.: Begriffe der Homöopathie.

Samuel Hahnemann: "Gleiches wird durch Gleiches geheilt".

Med.: Medizinische Aspekte.

Physiologie.

Verschiedenes.

La Technologie des Vitamines, La Pharmacochimie

Vitamines/Technologie Pharmaceutique/Formes Pharmaceutiques

Vit. : Vitamines.

Définition: Substances organiques indispensables au bon fonctionnement des processus métaboliques de l'organisme, apportées par la nutrition, agissant comme des coenzymes et des précurseurs de coenzymes.

La Technologie des Vitamines

Biochimie des Vitamines/Physiologie.

Origine des Vitamines: naturelle, synthétique.

Vitamines liposolubles.

Vitamines hydrosolubles.

Vitamines comme des Antioxydants.

Hypovitaminoses (Carences vitaminiques); Hypervitaminoses

Prod.: Termes de la Production.

Chimie Pharmaceutique/Technologie Pharmaceutique/Processus Pharmaceutiques Les Formes Médicamenteuses.

Le Principe Actif.

L'Origine du Principe Actif.

Pharm.: Pharmacodynamie/Pharmacocinétique

L'activité des médicaments sur l'organisme humain. Interaction d'un médicament.

Enz.: Enzymologie.

Protéine: Composé organique, contenant du carbone, d'hydrogène, de l'oxygène, du soufre etc.; enzymes, hormones, immunoglobulines.

Enzyme: Substance protéique catalysant et stimulant des réactions biochimiques spécifiques.

Cyt.: Cytogénétique.

Génétique/Chromosomes.

Mol.: Biologie Moléculaire

Phénomènes de la base moléculaire de la structure des cellules, de leur fonctionnement et activité.

Atomes.

Molécules.

Horm.: Hormones.

Définition: Substance glandulaire, qui circule dans les liquides organiques en produisant un effet stimulant sur l'activité cellulaire.

Biochimie des Hormones.

Physiologie des Hormones.

Ant. : Antibiotiques.

Définition. : Substance chimique produite synthétiquement ou par des micro-organismes, qui inhibe la croissance et/ou détruit les autres micro-organismes.

Phyto. : Phytothérapie

Définition. Usage des principes actifs médicamenteux de l'origine végétale dans des thérapies.

Les plantes.

Les herbes médicinales.

Principes actifs médicamenteux.

Anat. : Anatomie.

L'organisme humain vivant.

Homoeop. : Notions de la Homéopathie.

Samuel Hahnemann: "similitude guérit similitude."

Med. : Les Aspects Médicamenteux.

Physiologie.

Questions diverses.

## A Tecnologia das Vitaminas, a Farmacoquímica

### Vitaminas/Tecnologia Farmacêutica/Formas Farmacêuticas

#### Vit.: Vitaminas.

Definição: Substância orgânica, necessária para o bom funcionamento dos processos metabólicos do organismo, fornecida pela nutrição, agindo como coenzima e precursor de coenzimas.

#### Tecnologia das Vitaminas.

Bioquímica das Vitaminas/Fisiologia.

Origem das Vitaminas : natural, sintético.

Vitaminas lipossolúveis.

Vitaminas hidrossolúveis.

Vitaminas como Antioxidantes.

Hipovitaminoses (Deficiências Vitamínicas)/Hipervitaminoses.

#### Prod.: Termos da Produção.

Química Farmacêutica/Tecnologia Farmacêutica/Processos Farmacêuticos

As Formas Medicamentosas

O Princípio Ativo.

A Origem do Princípio Ativo.

#### Pharm.: Farmacodinâmica / Farmacocinética

A Ação dos Medicamentos no Organismo Humano A Interação da Droga medicamentosa.

#### Enz.: Enzimologia.

Proteína: Composto orgânico, contendo carbono, nitrogênio, oxigênio, enxofre etc.; enzimas, hormônios, imunoglobulinas.

Enzima: Substância protéica que catalisa e promove uma reação bioquímica especial.

#### Cyt.: Citogenética.

Citologia.

Genética /Cromossomos.

#### Mol.: Biologia Molecular:

Fenômenos da Base molecular da Estrutura das Células, do Funcionamento e da Atividade celular.

Átomos.

Moléculas

#### Horm.: Hormônios.

Definição: substância glandular, que circula nos fluídos corporais atuando com um efeito estimulante sobre a atividade celular.

Bioquímica dos Hormônios.

Fisiologia dos Hormônios.

Ant.: Antibióticos.

Definição: Substância química sinteticamente produzida ou produzida por microorganismos, a qual inibe/ou destrói o crescimento de outros microorganismos.

Phyto.: Fitoterapia.

Definição: Emprego, em Terapias, de Princípios Medicamentosos Ativos de Origem Vegetal.

Plantas.

Ervas Medicinais.

Princípio Ativo Medicamentoso.

Anat.: Anatomia

O Organismo Humano vivo.

Noções da Homeopatia.

Samuel Hahnemann: “Semelhantes curam-se pelos Semelhantes”.

Med.: Aspectos Médicos.

Fisiologia.

Anatomia.

## EXPLANATION OF SPECIAL SIGNS

1. The italics *d*, *f* and *r* in the basic table stand respectively for the German, French and Russian equivalents of the main English terms.
2. The gender of nouns is indicated as follows:

<i>f</i>	feminine	<i>fpl</i>	feminine plural
<i>m</i>	masculine	<i>mpl</i>	masculine plural
<i>n</i>	neuter	<i>npl</i>	neuter plural
<i>pl</i>	plural	<i>m/f</i>	masculine or feminine
		<i>m/n</i>	masculine or neuter
3. The symbol *v* designates a verb.
4. The abbreviation *adj* designates an adjective.
5. The abbreviation *adv* designates an adverb.
6. Synonyms and abbreviations are separated by semicolons.
7. Two kinds of brackets are used:
  - [ ] the information can be either included or left out;
  - ( ) the information does not form an integral part of the expression, but helps to clarify it.

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## **Basic Table**

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# A

## 1 abacterial *adj*

(Med.)  
(Illness etc. not caused/characterized by the presence of bacteria.)

- d* abakteriell  
*f* abactérien  
*p* não bacteriano

## 2 abdomen

(Anat.)  
(Body part.)

- d* Abdomen *n*; Bauch *m*  
*f* abdomen *m*; ventre *m*  
*p* abdômen *m*; abdome *m*; ventre *m*; barriga *f*

\* **ability of regeneration of an enzyme** → 5349

## 3 absence of oxidizers; absence of oxidizing agents

(Mol.)  
(Ref. to an electrons-accepting chemical.)

- d* Abwesenheit *f* oxidierender Substanzen  
*f* absence *f* d'oxydants  
*p* ausência *f* de oxidantes

\* **absence of oxidizing agents** → 3

\* **absence of the thymic hormone** → 663

\* **absence of the thymus** → 663

## 4 absolute humidity of the air

(Prod.)  
(Pharmaceutical technology; ref. to the amount of vapour contained in an air-unit (g of vapour per m<sup>3</sup>).)

- d* absolute Luftfeuchtigkeit *f*; absolute Feuchte *f*  
*f* humidité *f* absolue de l'air  
*p* umidade *f* absoluta do ar

## 5 absolute solubility of an active principle

(Prod.)  
(Pharmaceutical technology; this property of a medicament can be improved by certain auxiliaries.)

- d* absolute Löslichkeit *f* eines Wirkstoffes  
*f* solubilité *f* absolue d'un principe actif  
*p* solubilidade *f* absoluta de um princípio ativo

## 6 absorbable antacid

(Prod.)  
(Pharmaceutical technology; ref. to drug in hyperacidity treatment.)

- d* absorbierbares magensäurebindendes Mittel *n*  
*f* médicament *m* antiacide absorbable  
*p* antiácido *m* absorvível

## 7 absorbance; absorbancy

(Prod.)  
(Pharmaceutical technology; the ability of a substance to absorb.)

- d* Absorptionsvermögen *n*;  
Absorptionsfähigkeit *f*; Aufnahmefähigkeit *f*  
*f* absorbance *f*  
*p* absorvência *f*

\* **absorbancy** → 7

## 8 absorbed active principle of the medicament

(Pharm.)  
(Ref. to the effect of the medicament.)

- d* aufgenommene Wirkstoffmenge *f* des Arzneimittels  
*f* quantité *f* absorbée du principe actif du médicament  
*p* quantidade *f* absorvida do princípio ativo do medicamento

## 9 absorbed dose

(Med.)  
(Medicine intake in therapeutics.)

- d* aufgenommene Dosis *f*  
*f* dose *f* absorbée  
*p* dose *f* absorvida

## 10 absorbed energy

(Mol.)  
(Molecular biology; ref. to electrons.)

- d* aufgenommene Energie *f*  
*f* énergie *f* absorbée  
*p* energia *f* absorvida

## 11 absorbency of a powder mixture

(Prod.)  
(Pharmaceutical technology; ref. to the characteristic of being absorbent/absorbant (hygroscopicity) of a mixture.)

- d* Absorptionsvermögen *n* einer Pulvermischung; Aufnahmevermögen *n* einer Pulvermischung  
*f* absorptivité *f* d'un mélange en poudre; capacité *f* d'absorption d'un mélange en poudre; pouvoir *m* d'absorption d'un mélange en poudre  
*p* absorvência *f* de uma mistura de pó; capacidade *f* de absorção de uma mistura de pó

- 12 absorbent; absorption auxiliary**  
(Prod.)  
(Pharmaceutical technology: e.g. auxiliary in tableting.)  
*d* Absorbierungs-Hilfsprodukt *n*  
*f* absorbant *m*; produit *m* auxiliaire absorbant  
*p* absorvente *m*; produto *m* auxiliar absorvente
- 13 absorbent power of a powder**  
(Prod.)  
(Pharmaceutical technology: ref. to characteristics of pharmaceutical powders.)  
*d* absorbierende Kraft *f* eines Pulvers  
*f* pouvoir *m* absorbant d'une poudre  
*p* poder *m* absorvente de um pó
- 14 absorb v on intestinal level**  
(Med.)  
(Ref. to digestion; food uptake by the intestine.)  
*d* auf Darmniveau absorbieren; auf Darrebene aufnehmen  
*f* absorber au niveau de l'intestin  
*p* absorver ao nível do intestino
- 15 absorb v slower the glucose derived from the carbohydrates**  
(Pharm.)  
(Ref. to the action of medicaments (active principles) within the organism, e.g. drug for diabetes treatment.)  
*d* von den Kohlenhydraten abgeleitete Glykose langsamer aufnehmen  
*f* absorber le glucose dérivé des hydrates de carbone plus lentement  
*p* absorver a glicose derivada dos carbohidratos mais lentamente
- \* **absorption auxiliary** → 12
- 16 absorption of a medicament on the level of the digestive system**  
(Pharm.)  
(Physiological property of a medicament.)  
*d* Absorption *f* eines Medicament[e]s auf dem Niveau des Verdauungssystem[e]s; Aufnahme *f* eines Medicament[e]s auf dem Niveau des Verdauungssystem[e]s  
*f* absorption *f* d'un médicament au niveau du système digestif  
*p* absorção *f* de um medicamento ao nível do sistema digestivo
- 17 absorption of heat**  
(Prod.)  
(Pharmaceutical processes; ref. to processing activities; to chemical reactions etc.)  
*d* Wärmeaufnahme *f*
- f* absorption *f* de chaleur  
*p* absorção *f* de calor
- 18 absorption of oral pharmaceutical vitamin forms**  
(Vit.)  
(Vitamin technology; vitamins in medicine.)  
*d* Absorption *f* von mündlich verabfolgten pharmazeutischen Vitamin-Produkten; Aufnahme *f* von mündlich verabfolgten pharmazeutischen Vitamin-Produkten  
*f* absorption *f* des produits vitaminiques pharmaceutiques administrés oralement  
*p* absorção *f* de produtos vitamínicos farmacêuticos administrados oralmente
- 19 acacia; gum arabic**  
(Prod.)  
(Pharmaceutical chemistry; exudation from "Acacia Senegal (L) Willd., Leguminosae". Gelling/thickening agent, excipient in tablet formulations; medic.: emollient-demulcent.)  
*d* Akazie *f*; Gummiarabikum *n*  
*f* acacia *m*; gomme *f* arabique  
*p* acácia *f*; goma *f* arábica
- 20 acceleration of bioavailability of the active substance in the tablet**  
(Prod.)  
(Pharmaceutical technology; ref. to activity characteristics of certain auxiliaries.)  
*d* Beschleunigung *f* der Bioverfügbarkeit des Wirkstoffes in der Tablette  
*f* accélération *f* de la biodisponibilité de la substance active dans le comprimé  
*p* aceleração *f* da biodisponibilidade da substância ativa dentro do comprimido
- 21 acceleration of tablet disintegration**  
(Prod.)  
(Pharmaceutical technology; sometimes desirable tablet characteristic for more rapid disponibility of the active principle.)  
*d* Beschleunigung *f* der Tablettensprengung  
*f* accélération *f* de la désintégration de comprimés  
*p* aceleração *f* de desintegração de comprimidos
- 22 acceleration of tablet dissolution by predefined swelling of the auxiliary**  
(Prod.)  
(Pharmaceutical technology; ref. to the activity of certain auxiliaries.)  
*d* Beschleunigung *f* der Tablettenlöslichkeit durch vorbestimmte Anschwellung des Hilfsproduktes

- f* accélération *f* de la vitesse de dissolution des comprimés par un gonflement prédéfini du auxiliaire
- p* aceleração *f* da velocidade de dissolução dos comprimidos por um inchamento predefinido do auxiliar
- 23 acceleration of the dissolution rate**  
(Prod.)  
(Pharmaceutical technology; ref. e.g. to the acceleration of tablet disintegration with liberation of the active principle.)
- d* Erhöhung *f* der Löslichkeitsgeschwindigkeit
- f* accélération *f* de la vitesse de dissolution
- p* aceleração *f* da velocidade de dissolução
- \* **acceptance of glucose** → 197
- 24 acceptor**  
(Vit.)  
(E.g. of atoms, molecules etc., in vitamin biochemistry.)
- d* Akzeptor *m*
- f* accepteur *m*
- p* aceitador *m*
- 25 acceptor of electrons**  
(Mol.)  
(Molecular biology; ref. to ion-formation processes; effects of electron behaviour in molecules/products.)
- d* Elektronen-Akzeptor *m*
- f* accepteur *m* d'électrons
- p* aceitador *m* de elétrons
- 26 accessorial pathways for oxidation**  
(Enz.)  
(Ref. to biochemical oxidation processes and -technologies.)
- d* zusätzliche Oxidationswege *mpl*
- f* voies *fpl* accessoires d'oxydation
- p* caminhos *fpl* acessórios de acidificação
- 27 access to prime material**  
(Enz.)  
(Biotechnology as applied biological science aimed at industrial exploitation; e.g. carbohydrates of plant origin.)
- d* Zugang *m* zum Rohmaterial; Zugang *m* zum Ausgangsmaterial
- f* accès *m* aux matières premières
- p* acesso *m* às matérias primas
- 28 accident of the fermentation process**  
(Enz.)  
(Pharmaceutical processes; ref. to an undesirable incident in fermentation.)
- d* Zwischenfall *m* im Fermentationsprozeß; Zwischenfall *m* im Gärungsprozeß
- f* accident *m* du processus de fermentation
- p* acidente *m* de processo de fermentação
- 29 accompanied continuation of the fermentation process; controlled continuation of the fermentation process**  
(Enz.)  
(Biotechnology; ref. to fermentation in foodstuff production.)
- d* begleitete Fortsetzung *f* des Gärungsprozesses
- f* suivi *m* du processus de la fermentation
- p* acompanhamento *m* do processo da fermentação
- 30 accompanying effect of a process; concomitant effect of a process**  
(Prod.)  
(Pharmaceutical processes. e.g. ref. to technological events during the course of processes.)
- d* Begleiteffekt *m* eines Prozesses; Begleiterscheinung *f* eines Prozesses
- f* effet *m* accessoire d'un processus; effet *m* concomitant d'un processus
- p* efeito *m* concomitante de um processo
- 31 accumulated dose**  
(Pharm.)  
(Medicine intake in therapeutics.)
- d* akkumulierte Dosis *f*; angesammelte Dosis *f*
- f* dose *f* cumulée
- p* dose *f* acumulada
- 32 accumulation**  
(Mol.)  
(Molecular biology; e.g. aggregation of molecules and atoms.)
- d* Akkumulation *f*; Anhäufung *f*; Ansammlung *f*; Zusammenballung *f*
- f* accumulation *f*; amoncellement *m*; entassement *m*
- p* acumulação *f*; amontoamento *m*; ajuntamento *m*
- 33 accumulation of a substance**  
(Prod.)  
(Pharmaceutical processes; ref. to accumulative processes.)
- d* Aufspeicherung *f* einer Substanz
- f* accumulation *f* d'une substance
- p* acumulação *f* de um substância
- \* **ACE** → 407
- 34 acetazolamide**  
(Prod.)  
(C<sub>4</sub>H<sub>6</sub>N<sub>4</sub>O<sub>3</sub>S<sub>2</sub>; medicamentous substance; carbonic anhydrase inhibitor diuretic; see entry: diuretic.)

- d* Acetazolamid *n*  
*f* acétazolamide *m*  
*p* acetazolamida *f*
- 35 acetic adj**  
 (Prod.)  
 (Pharmaceutical chemistry; product characteristic.)  
*d* essigsauer  
*f* acétique  
*p* acético
- 36 acetic acid**  
 (Prod.)  
 (C<sub>2</sub>H<sub>4</sub>O<sub>2</sub>; ethanoic acid; auxiliary in pharmaceutical production; a solvent in pharmaceutical chemistry; coal-sequence chemistry.)  
*d* Essigsäure *f*  
*f* acide *m* acétique  
*p* ácido *m* acético
- 37 acetic acid fermentation**  
 (Prod.)  
 (Pharmaceutical processes; (C<sub>2</sub>H<sub>4</sub>O<sub>2</sub> = acetic acid = ethanoic acid); ref. to the breakdown of acetic acid by anaerobic (not oxygen requiring) action of microorganisms.)  
*d* Essigsäuregärung *f*;  
 Essigsäurefermentation *f*  
*f* fermentation *f* d'acide acétique  
*p* fermentação *f* de ácido acético
- 38 acetic fermentation**  
 (Prod.)  
 (Pharmaceutical processes; oxidative fermentation of ethanol by means of acetobacter, yielding vinegar.)  
*d* Essiggärung *f*  
*f* fermentation *f* acétique  
*p* fermentação *f* acética
- 39 acetification**  
 (Prod.)  
 (Pharmaceutical processes; transformation into acetic acid (C<sub>2</sub>H<sub>4</sub>O<sub>2</sub>)).  
*d* Umwandlung *f* in Essigsäure  
*f* acétification *f*; conversion *f* en acide acétique  
*p* acetificação *f*; transformação *f* em ácido acético
- 40 aceto-acetyl coA**  
 (Enz.)  
 (Ref. to the Krebs (citric acid)-cycle and the growth chain of fatty acids.)  
*d* Aceto-Acetyl-CoA *n*  
*f* acéto-acétyl-coA *f*
- p* aceto-acetil-coA *f*
- 41 acetone; propanone; dimethyl ketone**  
 (Prod.)  
 (Pharmaceutical technology; C<sub>3</sub>H<sub>6</sub>O; 2-propanone; (coal-sequence chemistry); use as a solvent for fats and oils; used in organic synthesis; also: as a topical cleansing agent.)  
*d* Aceton *n*; Propanon *n*; Dimethylketon *n*  
*f* acétone *f*; propanone *f*; diméthylcétone *f*  
*p* acetona *f*; propanona *f*; dimetilcetona *f*
- 42 acetyl**  
 (Prod.)  
 (Pharmaceutical chemistry; acetic acid radical: CH<sub>3</sub>CO-.)  
*d* Acetyl *n*  
*f* acétyle *m*  
*p* acetilo *m*; acetila *f*
- 43 acetylcholine**  
 (Horm.)  
 (C<sub>7</sub>H<sub>17</sub>NO<sub>3</sub>; enzymatically (from choline) produced neurotransmitter.)  
*d* Acetylcholin *n*  
*f* acétylcholine *f*  
*p* acetilcolina *f*
- 44 acetylcholine is a biochemical mediator**  
 (Horm.)  
 (See entry: acetylcholine.)  
*d* Acetylcholin *n* ist ein biochemischer Vermittler  
*f* acétylcholine *f* est un médiateur biochimique  
*p* acetilcolina *f* é um mediador bioquímico
- 45 acetylcholinesterase**  
 (Enz.)  
 (An acetylcholine decomposing enzyme.)  
*d* Acetylcholinesterase *f*  
*f* estérase *f* d'acétylcholine  
*p* esterase *f* de acetilcolina
- \* **acetyl coA → 46**
- \* **acetyl coA as an energetic vehicle → 47**
- \* **acetyl coA as metabolic intermediary → 48**
- 46 acetyl coenzyme A; acetyl coA**  
 (Enz.)  
 (C<sub>25</sub>H<sub>38</sub>N<sub>7</sub>O<sub>17</sub>P<sub>3</sub>S. Metabolism intermediary. Acetylation coenzyme. Ref. to carbohydrate metabolism.)  
*d* Acetyl-Coenzym A *n*; Acetyl-CoA *n*  
*f* acétyl-coenzyme A *f*; acétyl-coA *f*  
*p* acetil-coenzima A *f*; acetil-coA *f*

- 47 acetyl coenzyme A as an energetic vehicle; acetyl coA as energetic vehicle**  
(Enz.)  
(Enzymology; acetyl coenzyme A as metabolic intermediary.)  
*d* Acetyl-Coenzym A *n* als Energietransporter; Acetyl-CoA *n* als Energietransporter  
*f* acétyl-coenzyme A *f* comme transporteur énergétique; acétyl-coA *f* comme transporteur énergétique  
*p* acetil-coenzima A *f* como veículo de energia; acetil-coA *f* como veículo de energia
- 48 acetyl coenzyme A as metabolic intermediary; acetyl coA as metabolic intermediary**  
(Enz.)  
(C<sub>25</sub>H<sub>38</sub>N<sub>7</sub>O<sub>17</sub>P<sub>3</sub>S. Metabolism intermediary. Acetylation coenzyme. Ref. to carbohydrate metabolism.)  
*d* Acetyl-Coenzym A *n* als Stoffwechsel-Vermittler; Acetyl-Coenzym A-Vermittler *m* im Stoffwechselprozess; Acetyl-CoA *n* als Stoffwechsel-Vermittler  
*f* acétyl-coenzyme A *f* comme intermédiaire métabolique; acétyl-coA *f* comme intermédiaire métabolique  
*p* acetil-coenzima A *f* como intermediário no processo metabólico; acetil-coA *f* como intermediário no processo metabólico
- 49 acetyl group**  
(Enz.)  
(Enzymology.)  
*d* Acetilgruppe *f*  
*f* groupe *m* acétyle  
*p* grupo *m* de acetilo
- 50 acetyl grouping**  
(Enz.)  
(Enzymology.)  
*d* Acetilgruppierung *f*  
*f* groupement *m* acétyle  
*p* grupamento *m* de acetila
- 51 acetylsalicylic acid**  
(Prod.)  
(Pharmaceutical chemistry; C<sub>9</sub>H<sub>8</sub>O<sub>4</sub>; medicamentous substance; analgesic, antipyretic; sometimes to be combined with vitamin C.)  
*d* Acetylsalizylsäure *f*  
*f* acide *m* acétylsalicylique  
*p* ácido *m* acetilsalicílico
- 52 Achilles' tendon**  
(Anat.)  
(Ref. to a muscle "Tendo calcaneus".)  
*d* Achillessehne *f*  
*f* tendon *m* d'Achille  
*p* tendão *m* de Aquiles; tendão *m* calcaneano
- 53 achromatic spindle; central spindle**  
(Cyt.)  
(In metaphase; spindle-shaped cytoplasm fibres between the two poles of the cell, during the division process.)  
*d* achromatische Kernspindel *f*; Kernspindel *f*  
*f* fuseau *m* achromatique  
*p* fuso *m* acromático
- 54 acid-base reaction**  
(Prod.)  
(Pharmaceutical chemistry; ref. to research and control processes.)  
*d* Säure-Base-Reaktion *f*  
*f* réaction *f* acide-basique  
*p* reação *f* ácido-básica
- 55 acid-basic equivalents**  
(Med.)  
(Ref. to metabolism.)  
*d* Säuren-Basenäquivalente *n*; Säuren-Basengleichwertigkeiten *fpl*  
*f* équivalents *mpl* acides/basiques  
*p* equivalentes *mpl* ácidos/básicos
- 56 acid-basic properties**  
(Enz.)  
(Enzymology; ref. to amino acids and their characteristics.)  
*d* saure-basische Eigenschaften *fpl*  
*f* propriétés *fpl* acido-basiques  
*p* propriedades *fpl* ácido-básicos
- 57 acid fermentation**  
(Enz.)  
(In biotechnology; lactic acid fermentation. Hydration process by lactic bacteria transforming pyruvic acid into lactic acid.)  
*d* saure Fermentation *f*; saure Gärung *f*  
*f* fermentation *f* acide  
*p* fermentação *f* ácida
- 58 acid function**  
(Prod.)  
(Pharmaceutical chemistry; see entry: function in chemistry.)  
*d* Säurefunktion *f*  
*f* fonction *f* acide  
*p* função *f* ácida
- 59 acidic** *adj*  
(Prod.)  
(Pharmaceutical chemistry: acid forming.)  
*d* säuernd; sauer



- f* acidifère; acide  
*p* acidífero; ácido
- 60 acidic instability of penicillins**  
(Ant.)  
(Instability against acids due to unstableness of the beta-lactam cycle; see this entry.)  
*d* Säure-Instabilität *f* von Penizillinen  
*f* instabilité *f* acide des pénicillines  
*p* instabilidade *f* acídica das penicilinas
- 61 acidic range; acid range**  
(Prod.)  
(Pharmaceutical technology; ref. to pH range (hydrogen ions concentration, pH-range below 7).)  
*d* saurer Bereich *m*  
*f* plage *f* acide; domaine *m* acide  
*p* limites *mpl* ácidos
- 62 acidiferous**  
(Prod.)  
(Pharmaceutical chemistry: containing acid.)  
*d* säurehaltig  
*f* acidifère; contenant de l'acide  
*p* acidífero; contendo ácido
- 63 acidifiable** *adj*  
(Prod.)  
(Pharmaceutical chemistry: product which can be turned into an acid – which can acidify itself.)  
*d* versauerbar  
*f* acidifiable  
*p* acidificável
- 64 acidific** *adj*  
(Prod.)  
(Pharmaceutical chemistry: acid forming.)  
*d* säurebildend  
*f* acidifiant  
*p* acidífero; que produz ácido
- 65 acidification**  
(Prod.)  
(Pharmaceutical chemistry: turning acid.)  
*d* Säuerung *f*  
*f* acidification *f*  
*p* acidificação *f*
- 66 acidified** *adj*  
(Prod.)  
(Pharmaceutical chemistry. ref. to product property as e.g. pharmaceutical beverages.)  
*d* gesäuert  
*f* acidifié  
*p* acidulado
- 67 acidified solutions**  
(Prod.)  
(Pharmaceutical chemistry.)  
*d* sauer eingestellte Lösungen *fppl*  
*f* solutions *fppl* acidifiées  
*p* soluções *fppl* acidificadas
- 68 acidifier**  
(Prod.)  
(Pharmaceutical chemistry: agent that acidifies, that increases acidity, e.g. of another substance, mixture etc.)  
*d* Säurebildner *m; mpl*  
*f* acidifiant *m*; substance *f* acidifiante  
*p* acidificante *m*; acidificador *m*
- 69 acidify** *v*  
(Prod.)  
*d* ansäuern  
*f* acidifier; aciduler  
*p* acidificar; acidular
- 70 acidity**  
(Prod.)  
(Pharmaceutical chemistry; product characteristic, ref. to its degree of being acid.)  
*d* Säuregehalt *m*; Säuregrad *m*  
*f* acidité *f*  
*p* acidez *f*
- \* **acidity coefficient** → 71
- 71 acidity constant; acidity coefficient**  
(Enz.)  
(Ref. to biochemical processes, research and reactions in biotechnology.)  
*d* Säurekonstante *f*; Säurekoeffizient *m*  
*f* constante *f* d'acidité; coefficient *m* d'acidité  
*p* constante *f* de acidez; coeficiente *m* de acidez
- 72 acid medicament**  
(Prod.)  
(Pharmaceutical chemistry; ref. to product (drug) characteristic.)  
*d* saures Arzneimittel *n*  
*f* médicament *m* acide  
*p* medicamento *m* ácido
- 73 acid medium**  
(Enz.)  
(System for cell- or bacteria cultivation, in biotechnology.)  
*d* saures Medium *n*  
*f* milieu *m* acide  
*p* meio *m* ácido
- \* **acid radical** → 153

- \* **acid range** → 61
- 74 acid residue**  
(Prod.)  
(Pharmaceutical chemistry: ref. to acid anion (negatively charged ion) after splitting off of the cation (positively charged ion).)  
*d* Säurerest *m*  
*f* rest *m* d'acide; résidu *m* d'acide  
*p* resto *m* ácido; residuo *m* ácido
- 75 acid solution**  
(Prod.)  
(Pharmaceutical chemistry: ref. to hydrogen ions concentration; the pH; pH7=neutral, below: acid, above: alkaline.)  
*d* saure Lösung *f*  
*f* solution *f* acide  
*p* solução *f* ácida
- 76 acidulation**  
(Prod.)  
(Pharmaceutical chemistry: process of turning acid.)  
*d* Säuerung *f*; Säuern *n*  
*f* acidulation *f*  
*p* acidulação *f*
- 77 acidulous** *adj*  
(Prod.)  
(Pharmaceutical chemistry: product characteristic; ref. to a light acid taste.)  
*d* säuerlich  
*f* acidulé  
*p* acidulo; acidulado
- 78 acidulous multivitamin drops**  
(Vit.)  
(Vitamin technology; pharmaceutical vitamin form.)  
*d* säuerliche Multivitamin-Drops *mpl*  
*f* bonbons *mpl* acidulés multivitaminiques  
*p* balas *fpl* ácidas multivitaminicas
- 79 acid value**  
(Prod.)  
(Pharmaceutical chemistry; determination of the contents of free organic acids in fats etc.)  
*d* Säurezahl *f*  
*f* indice *m* d'acide  
*p* valor *m* de acidez; índice *m* de acidez
- 80 aconitase**  
(Enz.)  
(Intermediate in the Krebs-cycle; enzyme which converts citric acid to cis-aconitic acid (citric acid: C<sub>6</sub>H<sub>6</sub>O<sub>6</sub>.)  
*d* Aconitase *f*  
*f* aconitase *f*  
*p* aconitase *f*
- 81 aconite**  
(Phyto.)  
(Medicinal plant; monkshood; wolf's-bane; "Aconitum napellus L., Ranunculaceae"; as a febrifuge, sedative, anodyne (pain soothing); medicamentous substance; aconitine (C<sub>34</sub>H<sub>47</sub>NO<sub>11</sub>); see also this entry.)  
*d* Aconitum *n*; Eisenhut *m*  
*f* aconit *m*  
*p* acônito *m*
- 82 aconitic acid**  
(Enz.)  
(C<sub>6</sub>H<sub>6</sub>O<sub>6</sub>; citric acid; cis-aconitic acid is an intermediate in the Krebs-cycle.)  
*d* Aconitsäure *f*  
*f* acide *m* aconitique  
*p* ácido *m* aconítico
- 83 aconitine**  
(Phyto.)  
(C<sub>34</sub>H<sub>47</sub>O<sub>11</sub>N; use see entry: aconite.)  
*d* Aconitin *n*  
*f* aconitine *f*  
*p* aconitina *f*
- \* **ACP** → 155
- 84 acquired immunity**  
(Med.)  
(Acquired naturally e.g. after an infection against certain pathogens.)  
*d* erworbene Immunität *f*  
*f* imunité *f* acquise  
*p* imunidade *f* adquerida
- 85 acquired resistance of a pathogen against antibiotics**  
(Ant.)  
(This resistance (acquired by multiple exposure to the antibiotic) of the microorganism turns the antibiotic ineffective.)  
*d* erworbene Resistenz *f* eines Erregers gegen Antibiotika  
*f* résistance *f* acquise d'un microbe pathogène aux antibiotiques  
*p* resistência *f* adquirida de um micróbico patogênico contra os antibióticos
- 86 acquired resistance to antibiotics as biochemical defence mechanism**  
(Ant.)  
(Resistance acquired by the pathogen, taken up into its genetic material and subsequently passed on to its descendants.)

- d* erworbene Resistenz *f* gegen Antibiotika als biochemischer Abwehrmechanismus  
*f* résistance *f* acquise aux antibiotiques comme de mécanisme biochimique de défense  
*p* resistência *f* adquirida aos antibióticos como mecanismo bioquímico de defesa
- 87 acrid** *adj*  
 (Prod.)  
 (Pharmaceutical chemistry: product characteristic; ref. to a pungent taste.)  
*d* scharf; beißend  
*f* âcre  
*p* acre
- 88 acridine derivatives are disinfectants against purulent cocci; acridine derivatives are disinfectants against suppurating cocci**  
 (Prod.)  
 (Pharmaceutical technology; acridine, C<sub>13</sub>H<sub>9</sub>N, derivatives prime, material for antiseptic products.)  
*d* Acridin-Abkömmlinge *mpl* sind Desinfektionsmittel gegen eitererregende Kokken  
*f* dérivés *mpl* de l'acridine sont des désinfectants contre les cocci purulents; dérivés *mpl* de l'acridine sont des désinfectants contre les cocci suppurants  
*p* derivativos *mpl* da acridina são desinfetantes contra coccus purulentos; derivados *mpl* da acridina são desinfetantes contra coccus supurativos
- \* **acridine derivatives are disinfectants against suppurating cocci → 88**
- 89 acrocentric position of the centromere**  
 (Cyt.)  
 (One (of the four) chromosome types, classified as to the position of its centromere (acrocentric, metacentric, submetacentric, telocentric).)  
*d* akrozentrische Stellung *f* des Zentromers  
*f* position *f* acrocentrique du centromère  
*p* posição *f* acrocêntrica do centrômero
- \* **ACTH → 211**
- 90 actin**  
 (Enz.)  
 (Cellular protein in microfilaments; acts in muscular contractions.)  
*d* Actin *n*  
*f* actine *f*  
*p* actina *f*
- 91 acting in the calcium metabolism**  
*d* mitwirkend im Calcium-Stoffwechsel  
*f* agissant dans le métabolisme du calcium  
*p* atuante no metabolismo do cálcio
- 92 action based on the inhibition of intestinal enzymes**  
 (Pharm.)  
 (Ref. to the action of medicaments (active principles) within the organism, e.g. drug for diabetes treatment based on the retardation of intestinal carbohydrate absorption.)  
*d* Wirksamkeit *f* bestehend in der Hemmung von Darmenzymen  
*f* action *f* basée sur l'inhibition des enzymes intestinales  
*p* ação *f* baseada na inibição de enzimas intestinais
- 93 action in the ascendant segment of the Henle's loop**  
 (Pharm.)  
 (Ref. to the activity of a diuretic in the kidney-structure called: Henle's loop, in kidney anatomy; see this entry.)  
*d* Wirkung *f* in dem aufsteigenden Segment der Henle-Schleife  
*f* action *f* dans le segment ascendant de l'anse de Henle  
*p* ação *f* no segmento ascendente da alça de Henle
- 94 action in the region of the nephron**  
 (Pharm.)  
 (Ref. to the activity of a diuretic in the renal excretion-unit called nephron.)  
*d* Wirkung *f* im Gebiet des Nephrons  
*f* action *f* dans la région du néphron  
*p* ação *f* na região do néfron
- 95 action mechanism of vitamins**  
 (Vit.)  
 (Ref. to vitamin biochemistry.)  
*d* Wirkungsmechanismus *m* der Vitamine  
*f* mécanisme *m* d'action des vitamines  
*p* mecanismo *m* de ação das vitaminas
- 96 action of biological factors in the alteration of medicaments**  
 (Prod.)  
 (Pharmaceutical technology; conservation problems, caused e.g. by enzymes and microorganisms.)  
*d* Wirkung *f* biologischer Faktoren in der Veränderung von Medikamenten  
*f* action *f* de facteurs biologiques dans l'altération des médicaments  
*p* ação *f* de fatores biológicos na alteração dos medicamentos

- 97 action of hormones; hormonal action**  
(Horm.)  
(Substance produced by endocrine glands and carried by the bloodstream to distant tissues for action.)  
*d* Aktion *f* der Hormone; hormonale Wirkung *f*  
*f* action *f* des hormones; action *f* hormonale  
*p* ação *f* dos hormônios; ação *f* hormonal  
(Ref. in this case to tissular respiration: e.g. energy liberation, supposedly influenced by vitamins of the B-group.)  
*d* aktivierter Sauerstoff *m*  
*f* oxygène *m* activé  
*p* oxigênio *m* ativado
- 98 action of the antibiotic on the bacterial wall**  
(Ant.)  
(Way of action of an antibiotic.)  
*d* Wirkung *f* des Antibiotikums auf die Bakterien-Zellwand  
*f* action *f* du antibiotique sur la paroi bactérienne  
*p* ação *f* do antibiótico na parede celular bacteriana
- \* **action of the hormones** → 3151
- 99 action surface of powders for liquid active principles**  
(Prod.)  
(Pharmaceutical chemistry; ref. to powder characteristics e.g. its absorption power.)  
*d* Wirkungsoberfläche *f* von Pulvern für flüssige Wirkstoffe  
*f* surface *f* d'action des poudres pour les principes actifs liquides  
*p* superfície *f* de ação dos pós para os princípios ativos líquidos
- 100 activated acetaldehyde**  
(Enz.)  
(C<sub>2</sub>H<sub>4</sub>O; acetic aldehyde; ethanal; e. g. in vitamin biochemistry.)  
*d* aktiviertes Acetaldehyd *n*  
*f* acétaldéhyde *m* activé  
*p* acetaldeído *m* ativado
- 101 activated complex**  
(Enz.)  
(Formation of an enzyme bound to its substrate.)  
*d* aktivierter Komplex *m*  
*f* complexe *m* activé  
*p* complexo *m* ativado
- 102 activated enzymatic complex**  
(Enz.)  
(The formation of enzymes bound to their substrate.)  
*d* aktivierter enzymatischer Komplex *m*  
*f* complexe *m* enzymatique activé  
*p* complexo *m* enzimico ativado
- 103 activated oxygen**  
(Vit.)  
(Pharm.)  
(See entry: insulin.)  
*d* Aktivierung *f* der Glykose-Ausnutzung im Organismus; Anregung *f* der Glykose-Ausnutzung im Organismus  
*f* activation *f* de l'utilisation du glucose dans l'organisme  
*p* ativação *f* da utilização da glicose no organismo
- 104 activate v the receptors**  
(Pharm.)  
(Ref. to the effect of medicamentous molecules.)  
*d* Rezeptoren aktivieren  
*f* activer les récepteurs  
*p* ativar os receptores
- 105 activation factor**  
(Vit.)  
(Ref. to vitamin activity.)  
*d* Beschleunigungsfaktor *m*; Auslösungsfaktor *m*; Aktivierungsfaktor *m*  
*f* facteur *m* d'activation  
*p* fator *m* de ativação
- 106 activation of antibiotics**  
(Ant.)  
(Activation of the reactivity of antibiotics.)  
*d* Aktivierung *f* von Antibiotika; Reaktionsfähigmachung *f* von Antibiotika  
*f* activation *f* de antibiotiques  
*p* ativação *f* de antibióticos
- 107 activation of a vitamin**  
(Vit.)  
(Vitamin physiology.)  
*d* Aktivierung *f* eines Vitamins; ein Vitamin *n* reaktionsfähig machen  
*f* activation *f* d'une vitamine  
*p* ativação *f* de uma vitamina
- 108 activation of fermentation**  
(Enz.)  
(Biotechnology; ref. to fermentation in foodstuff production.)  
*d* Aktivierung *f* der Gärung  
*f* activation *f* de la fermentation  
*p* ativação *f* da fermentação
- 109 activation of the glucose utilization in the organism**  
(Pharm.)  
(See entry: insulin.)  
*d* Aktivierung *f* der Glykose-Ausnutzung im Organismus; Anregung *f* der Glykose-Ausnutzung im Organismus  
*f* activation *f* de l'utilisation du glucose dans l'organisme  
*p* ativação *f* da utilização da glicose no organismo

- 110 activator of alteration-reactions; activator of reactions promoting alterations**  
(Prod.)  
(Pharmaceutical chemistry; ref. to undesirable chemical reactions, promoted by heat etc.)  
*d* Beschleuniger *m* der Veränderungsreaktionen  
*f* activateur *m* des réactions d'altération  
*p* ativador *m* das reações de alteração
- 111 activator of chemical reactions**  
(Prod.)  
(Pharmaceutical chemistry: e.g. catalyzer.)  
*d* Beschleuniger *m* chemischer Reaktionen  
*f* activateur *m* des réactions chimiques  
*p* ativador *m* das reações químicas
- \* **activator of reactions promoting alterations** → 110
- 112 active-agent carrier**  
(Prod.)  
(Pharmaceutical technology; production-processes.)  
*d* Wirkstoffträgersubstanz *f*  
*f* véhicule *m* pour principes actifs  
*p* veículo *m* de substâncias ativas
- \* **active coenzymatic component of the enzyme** → 113
- 113 active coenzymatic constituent of the enzyme; active coenzymatic component of the enzyme**  
(Enz.)  
(Enzymology; ref. to the structure of an enzyme.)  
*d* aktiver koenzymatischer Enzymbestandteil *m*  
*f* constituant *m* actif coenzymatique de l'enzyme  
*p* constituinte *f* ativa coenzimática da enzima; parte *f* constituinte ativa coenzimática da enzima
- 114 active cyclic molecule structure**  
(Mol.)  
(Pharmaceutical technology; ref. to certain kind of medicamentous molecules, that have a ring (or various rings) of atoms in their structure.)  
*d* aktive zyklische Molekül-Struktur *f*; aktiver zyklischer Molekül-Aufbau *m*  
*f* structure *f* moléculaire cyclique active  
*p* estrutura *f* molecular cíclica ativa
- 115 active detergent substance**  
(Prod.)  
(Pharmaceutical technology; synthetic (soap-free) prime material for cleansing agents.)  
*d* waschaktive Substanz *f*  
*f* substance *f* tensioactive  
*p* substância *f* tensioativa
- 116 active form of angiotensin having a vasoconstrictive action**  
(Horm.)  
(See entry: angiotensin converting enzyme.)  
*d* aktive Form *f* von Angiotensin mit gefäßzusammenziehender Wirkung  
*f* forme *f* active de l'angiotensine à effet vasoconstricteur  
*p* forma *f* ativa da angiotensina com efeito vasoconstritor
- 117 active immunization**  
(Pharm.)  
(Protective vaccination, with antigen supply.)  
*d* aktive Immunisierung *f*  
*f* immunisation *f* active  
*p* imunização *f* ativa
- 118 active ingredient solution**  
(Prod.)  
(Pharmaceutical technology; form of an active principle.)  
*d* Wirkstofflösung *f*  
*f* solution *f* de principe actif  
*p* solução *f* de substância ativa
- 119 active medicamentous principle**  
(Prod.)  
(Pharmaceutical chemistry.)  
*d* Arzneistoff *m*; Wirkstoff *m*  
*f* principe *m* actif médicamenteux  
*p* princípio *m* ativo medicamentoso
- 120 active medicamentous principle in suspension**  
(Prod.)  
(Defining the state of a medicamentous substance, e.g. as a system of a solid dispersed in a liquid.)  
*d* sich in Suspension befindlicher medikamentöser Wirkstoff *m*  
*f* principe *m* actif médicamenteux en suspension  
*p* princípio *m* ativo medicamentoso em suspensão
- 121 active metabolites diffuse  $\nu$  within the erythrocytes**  
(Pharm.)  
(Pharmacodynamic activity of metabolites of certain active principles in the red blood cells.)  
*d* aktive Metaboliten verbreiten sich innerhalb der Erythrozyten

- f* métabolites actifs se diffusent à l'intérieur des érythrocytes  
*p* metabólitos ativos difundem-se no interior dos eritrócitos
- 122 active principle diminishes venous dilatation; active principle diminishes venous distensibility**  
 (Pharm.)  
 (Medicamentous substance as vasoprotector; in venous stasis treatment.)  
*d* Wirkstoff *m* verringert die venöse Dilatation; Wirkstoff *m* verringert die venöse Ausdehnung  
*f* principe *m* actif diminue la dilatation veineuse  
*p* princípio *m* ativo diminui a dilatação venosa; o princípio *m* ativo diminui a distensibilidade venosa
- \* **active principle diminishes venous distensibility** → 122
- 123 active principle does not stimulate insulin secretion**  
 (Pharm.)  
 (During treatment of diabetes with certain tablets.)  
*d* Wirkstoff *m* regt die Insulinsekretion nicht an  
*f* principe *m* actif ne stimule pas la sécrétion de l'insuline  
*p* princípio *m* ativo não estimula a secreção de insulina
- 124 active principle of natural origin**  
 (Prod.)  
 (Active substances of animal, vegetable and mineral origin: alkaloids, plant heterosides, antibiotics; biotechnology.)  
*d* Wirkstoff *m* natürlichen Ursprungs  
*f* principe *m* actif d'origine naturelle  
*p* princípio *m* ativo de origem natural
- 125 active principle of the medicament**  
 (Prod.)  
 (Pharmaceutical chemistry: the principal ingredient of pharmaceutical chemistry forming the property of a medicament.)  
*d* Wirkstoff *m* des Medikaments; Wirksubstanz *f* des Medicaments  
*f* principe *m* actif du médicament  
*p* princípio *m* ativo do medicamento
- 126 active principle of weak therapeutic activity**  
 (Pharm.)  
 (Product characteristic.)  
*d* Wirkstoff *m* schwacher therapeutischer Wirkung
- f* principe *m* actif de faible activité thérapeutique  
*p* princípio *m* ativo de fraca atividade terapêutica
- 127 active principle shows little absorption by the skin**  
 (Pharm.)  
 (Ref. to activity of active substances in pharmaceutical forms, e.g. like ointments.)  
*d* Wirkstoff *m* zeigt geringe Aufnahme durch die Haut  
*f* principe *m* actif indique une absorption basse par la peau  
*p* princípio *m* ativo apresenta baixa absorção pela pele
- 128 active protein** (of cellular life)  
 (Enz.)  
 (Enzymology; classification criterion; a protein which participates in cellular life, having the capacity of binding itself to other molecules (substrates).)  
*d* aktives Protein *n* (des Zellenlebens)  
*f* protéine *f* active (de la vie cellulaire)  
*p* proteína *f* ativa (da vida celular)
- 129 active substance**  
 (Prod.)  
 (Pharmaceutical technology.)  
*d* Wirksubstanz *f*; Wirkstoff *m*  
*f* principe *m* actif  
*p* substância *f* ativa
- 130 active substance in form of dry syrup**  
 (Prod.)  
 (Pharmaceutical technology; a pharmaceutical presentation form.)  
*d* Wirksubstanz *f* in Form von Trockensirup  
*f* principe *m* actif sous forme de sirop sec  
*p* substância *f* ativa em forma de xarope seco
- 131 active substance in form of suspension**  
 (Prod.)  
 (Pharmaceutical technology; a pharmaceutical presentation form.)  
*d* Wirksubstanz *f* in Suspensionsform  
*f* principe *m* actif sous forme de suspension  
*p* substância *f* ativa em forma de suspensão
- 132 active transport of amino acids**  
 (Vit.)  
 (Promoted by vitamin B<sub>6</sub>.)  
*d* aktiver Transport *m* der Aminosäuren  
*f* transport *m* actif des acides aminés  
*p* transporte *m* ativo dos aminoácidos
- \* **active vitamin in tissue respiration** → 133

- 133 active vitamin in tissular respiration; active vitamin in tissue respiration**  
(Vit.)  
(Ref. to vitamin physiology, vitamin activity in the organism.)
- d* aktives Vitamin *n* in der Gewebsatmung; in der Gewebsatmung aktives Vitamin *n*
- f* vitamine *f* active dans la respiration tissulaire
- p* vitamina *f* ativa na respiração tissular; vitamina *f* ativa na respiração dos tecidos
- f* activité *f* d'une nouvelle molécule
- p* atividade *f* de uma molécula nova
- 134 activity determination of an active principle**  
(Prod.)  
(Pharmaceutical technology: determination of the minimum dose considered to be effective and safe.)
- d* Bestimmung *f* des Wirkungsgrades eines Wirkstoffes; Wirkungsgradbestimmung *f* eines Wirkstoffes
- f* détermination *f* de l'activité d'un principe actif
- p* determinação *f* da atividade de um princípio ativo
- 135 activity field of acetyl coenzyme A; activity field of acetyl coA**  
(Enz.)  
(C<sub>25</sub>H<sub>38</sub>N<sub>7</sub>O<sub>17</sub>P<sub>3</sub>S. Activity field: metabolism intermediary. Acetylation coenzyme. Ref. to carbohydrate metabolism.)
- d* Eingriffsfeld *n* des Acetyl-Coenzym A;
- f* Eingriffsfeld *n* des Acetyl-CoA
- f* champ *m* d'activité de l'acétyl-coA; champ *m* d'activité de la coenzyme A
- p* campo *m* de atividade da acetil-coenzima A; campo *m* de atividade da acetil-coA
- 136 activity of a medicament on an undesirable target-site**  
(Prod.)  
(Pharmaceutical chemistry; eventual drug-property; in research to avoid secondary effects in the organ.)
- d* Wirksamkeit *f* des Medikaments an einem unerwünschten Zielort
- f* activité *f* d'un médicament sur des sites-cibles indésirables
- p* atividade *f* de um medicamento num local-alvo indesejado
- 137 activity of a new molecule**  
(Mol.)  
(Molecular biology; ref. to molecule structure in research, for medicinal use.)
- d* Aktivität *f* eines neuen Moleküls
- 138 activity of a therapeutic substance**  
(Prod.)  
(Pharmaceutical technology: this can be offered in a variety of presentation forms containing the medicinal drugs etc, called "pharmaceutical form", see entry.)
- d* Wirksamkeit *f* einer therapeutischen Substanz
- f* activité *f* d'une substance thérapeutique
- p* atividade *f* de uma substância terapêutica
- 139 activity of mitochondrial respiration protected by vitamin E**  
(Vit.)  
(Vitamin physiology, ref. to vitamin E activity in the body.)
- d* Atmungsstätigkeit *f* des Mitochondriums geschützt durch Vitamin E
- f* activité *f* respiratoire mitochondriale protégée par la vitamine E
- p* atividade *f* respiratória do mitocôndrio protegida pela vitamina E
- 140 activity of the antibiotics on protein synthesis**  
(Ant.)  
(Way of action of antibiotics.)
- d* Wirkung *f* der Antibiotika auf die Proteinsynthese
- f* activité *f* des antibiotiques sur la synthèse des protéines
- p* atividade *f* dos antibióticos na síntese das proteínas
- 141 activity of the antibiotics on the cytoplasmic membrane**  
(Ant.)  
(Way of action of antibiotics.)
- d* Wirkung *f* der Antibiotika auf die Zytoplasmamembran
- f* activité *f* des antibiotiques sur la membrane cytoplasmique
- p* atividade *f* dos antibióticos na membrana citoplásmica
- 142 activity of the antibiotics on the nucleic acids**  
(Ant.)  
(Way of action of antibiotics.)
- d* Wirkung *f* der Antibiotika auf die Nukleinsäuren
- f* activité *f* des antibiotiques au niveau des acides nucléiques
- p* atividade *f* dos antibióticos ao nível dos ácidos nucléicos

- 143 activity of the proteins**  
(Enz.)  
(Enzymology; depending on certain properties of the amino acids.)  
*d* Aktivität *f* der Proteine; Wirkung *f* der Proteine  
*f* activité *f* des protéines  
*p* atividade *f* das proteínas
- 144 actomyosin**  
(Enz.)  
(Actin/myosin (muscle) contractile complex, acting together with adenosine triphosphate (ATP).)  
*d* Actomyosin *n*  
*f* actomyosine *f*  
*p* actomiosina *f*
- 145 act v on** (the medicament acts on the central nervous system)  
(Pharm.)  
(Ref. to the effect of active principles; effect-producing way of a medicament.)  
*d* einwirken auf (das Medikament wirkt auf das Zentralnervensystem ein)  
*f* agir sur (le médicament agit sur le système nerveux central)  
*p* agir sobre; atuar sobre (o medicamento age sobre o sistema nervoso central)
- 146 actinomycins**  
(Ant.)  
(Antibiotics (see entry); chromopeptide with bacteriostatic/cytostatic effect, inhibiting – on transcription level – the RNA-synthesis which depends on the DNA; use: anticarcinogen.)  
*d* Actinomycine *npl*  
*f* actinomycines *fpl*  
*p* actinomicinas *fpl*
- 147 acute adj**  
(Vit.)  
(E.g. ref. to vitamin deficiency.)  
*d* akut  
*f* aigu(-ë)  
*p* agudo(a)
- 148 acute deficiency**  
(Vit.)  
(E.g. ref. to vitamin deficiency.)  
*d* akuter Mangel *m*  
*f* déficience *f* aiguë  
*p* deficiência *f* aguda
- 149 acute intravenous toxicity**  
(Med.)  
(Ref. to toxicological studies with pharmaceutical and chemical substances;  
acute: symptoms of rapid onset and short duration; intravenous: occurring into/within the vein.)  
*d* akute intravenöse Toxizität *f*; akute intravenöse Giftigkeit *f*  
*f* toxicité *f* intraveineuse aiguë  
*p* toxicidade *f* intravenosa aguda
- 150 acute, subacute, chronic**  
(Med.)  
(Ref. to characteristics of diseases.)  
*d* akut, subakut, chronisch  
*f* aigu(-ë), subaigu(-ë), chronique  
*p* agudo(a), subagudo(a), crônico(a)
- 151 acute, subacute, chronic hypovitaminosis**  
(Vit.)  
(Ref. to states of vitamin deficiencies.)  
*d* akute, subakute, chronische Hypovitaminose *f*  
*f* hypovitaminose *f* aiguë, subaiguë, chronique  
*p* hipovitaminose *f* aguda, subaguda, crônica
- 152 acyclic hydrocarbons**  
(Mol.)  
(Molecular biology; see entry: hydrocarbons; acyclic: open-chain structure, without showing a ring in its molecule.)  
*d* azyklische Kohlenwasserstoffe *mpl*  
*f* hydrocarbures *mpl* acycliques  
*p* hidrocarbonos *mpl* acíclicos
- 153 acyl; acid radical**  
(Mol.)  
(E.g. acetyl, the radical of acetic acid = CH<sub>3</sub>CO-.)  
*d* Acyl *n*; Säureradikal *n*  
*f* acyle *m*; radical *m* acide  
*p* acila *f*; radical *m* ácido
- 154 acylation**  
(Mol.)  
(Introduction of an acyl group into a molecule.)  
*d* Acylierung *f*  
*f* acylation *f*  
*p* acilação *f*
- 155 acyl-carrier protein; ACP**  
(Enz.)  
*d* Acyl-Proteinträgersubstanz *f*  
*f* véhicule *m* protéique pour l'acyl  
*p* veículo *m* protéico da acila
- 156 acyl groups**  
(Vit.)  
(Vitamin technology; vitamin/enzyme biochemistry.)  
*d* Acyl-Gruppen *fpl*



- f* groupes *mpl* acyl  
*p* grupos *mpl* de acila
- 157 Adam's apple**  
 (Anat.)  
 (The laryngeal prominence; male body part.)  
*d* Adamsapfel *m*  
*f* pomme *f* d'Adam  
*p* pomo-de-adão *m*; gogó *m*
- 158 adaptability of bacteria**  
 (Ant.)  
 (Bacterial adjustment process against antibiotic action.)  
*d* Anpassungsfähigkeit *f* von Bakterien  
*f* adaptabilité *f* des bactéries  
*p* adaptabilidade *f* das bactérias
- 159 adaptable enzyme**  
 (Enz.)  
 (Enzymology.)  
*d* anpassungsfähiges Enzym *n*  
*f* enzyme *f* adaptive  
*p* enzima *f* adaptável
- 160 adaptation of the oxygen demand in the fermentation process**  
 (Enz.)  
 (Biotechnology; ref. to fermentation techniques.)  
*d* Anpassung *f* der Sauerstoff-Anforderung im Gärungsprozess  
*f* adaptation *f* de la demande en oxygène dans le processus de fermentation  
*p* adaptação *f* da demanda de oxigênio no processo de fermentação
- 161 adaptive enzymes**  
 (Enz.)  
 (Ref. to vitamin/enzyme-biochemistry.)  
*d* adaptive Enzyme *npl*; anpassungsfähige Enzyme *npl*  
*f* enzymes *mpl* adaptifs  
*p* enzimas *fpl* adaptivas
- 162 addition after granulation**  
 (Prod.)  
 (Pharmaceutical technology: addition of the disintegrant in tablet powders. (e.g. PVP-types).)  
*d* Zusatz *m* nach der Granulierung  
*f* emploi *m* extragranulaire; addition *f* après la granulation  
*p* adição *f* após granulação
- 163 additional action of a medicamentous substance**  
 (Pharm.)  
 (Regarding the therapeutic scope; see also this entry.)  
*d* zusätzliche Wirkung *f* eines Arzneistoffes  
*f* action *f* additionnelle d'une substance médicamenteuse  
*p* ação *f* adicional de uma substância medicamentosa
- 164 additional medicamentous dose**  
 (Pharm.)  
 (Ref. to an extra drug dose, necessary in certain cases, where the disease doesn't respond to the normal average quantity of the active principle.)  
*d* Arzneimittelzusatzdosis *f*  
*f* dose *f* médicamenteuse additionnelle  
*p* dose *f* adicional do medicamento
- 165 addition before granulation**  
 (Prod.)  
 (Pharmaceutical technology. Ref. to tablet production technology: addition of the disintegrant to the tablet powder.)  
*d* Zusatz *m* vor der Granulierung  
*f* addition *f* avant la granulation  
*p* adição *f* antes da granulação
- 166 addition compound**  
 (Mol.)  
 (Chemical compounds, molecular compounds formed by direct lining up of molecules, without any simultaneous formation of sideproducts, e.g. water.)  
*d* Additionsverbindung *f*  
*f* composé *f* d'addition  
*p* composto *m* de adição
- 167 addition of a surfactant**  
 (Prod.)  
 (Pharmaceutical technology; addition of a wetting agent, to reduce surface tension.)  
*d* Zugabe *f* eines Oberflächenbenetzers  
*f* adjunction *f* d'un mouillant; adjunction *f* d'untensioactif  
*p* adição *f* de um surfactante; adição *f* de um tensoativo; adição *f* de um tensoativo
- 168 addition of auxiliaries as preliminary operation before compression**  
 (Prod.)  
 (Pharmaceutical processes; ref. to tablet production (tableting); see entry: tablet: a pharmaceutical preparation of solid consistency.)  
*d* Zugabe *f* von Hilfsstoffen als vorbereitendes Verfahren zur Verpressung

- f* addition *f* de substances adjuvantes comme opération préliminaire à la compression  
*p* adição *f* de substâncias auxiliares como operação preliminar à compressão
- 169 addition of the disintegrant prior to/after granulation**  
 (Prod.)  
 (Pharmaceutical technology; ref. to tableting processes.)  
*d* Zugabe *f* des Sprengmittels vor/nach der Granulierung; Zugabe *f* des Sprengstoffes vor/nach der Granulierung  
*f* addition *f* du désagrégant avant/après la granulation  
*p* adição *f* do desintegrante antes/após da granulação
- 170 addition reaction**  
 (Mol.)  
 (Process of building-in atoms or groups of atoms into a molecule, without loss of a part of these molecules; prerequisite is the presence of multiple bonds (double bond, triple bond); this reaction is e.g. hydration.)  
*d* Additionsreaktion *f*  
*f* réaction *f* d'addition  
*p* reação *f* de adição
- 171 additive**  
 (Prod.)  
 (Pharmaceutical chemistry; substance to be added, promoting desired changes in the main substance to which it is added.)  
*d* Zusatzstoff *m*; Zusatzmittel *n*  
*f* additif *m*  
*p* aditivo *m*
- 172 additive action of active principles**  
 (Prod.)  
 (Pharmaceutical chemistry; ref. to the action of e.g. two active substances together.)  
*d* additive Wirkung *f* von Wirkstoffen  
*f* action *f* additive de principes actifs  
*p* ação *f* aditiva de princípios ativos
- 173 additive in foodstuff; food additives**  
 (Prod.)  
 (Ref. e.g. to antioxidants, colouring, sweetening agents, vitamins etc (preferable in German: "Zusatzstoff" instead of more technical: "Zusatzmittel").)  
*d* Zusatzstoff *m* in Lebensmitteln; Lebensmittelzusatzstoff *m*  
*f* additif *m* des denrées alimentaires; additif *m* alimentaire  
*p* aditivo *m* em gêneros alimentícios
- 174 add v slowly**  
 (Prod.)  
 (One of the procedures in pharmaceutical processes.)  
*d* langsam beimischen  
*f* ajouter lentement  
*p* adicionar devagar
- 175 add v the phase to the mixture**  
 (Prod.)  
 (One of the procedures in pharmaceutical processes.)  
*d* Phase der Mischung hinzusetzen  
*f* ajouter la phase au mélange  
*p* juntar a fase à mistura
- 176 adenine**  
 (Cyt.)  
 (Cytology; C<sub>5</sub>H<sub>5</sub>N<sub>5</sub>; a purine base, present in DNA and RNA; important in the formation of coenzyme-active principles; pairing with RNA-uracil (C<sub>4</sub>H<sub>4</sub>N<sub>2</sub>O<sub>2</sub>).)  
*d* Adenin *n*  
*f* adénine *f*  
*p* adenina *f*
- 177 adenohipophyseal growth hormone**  
 (Horm.)  
 (STH; Somato Tropic Hormone; anterior hypophyseal growth hormone; anterior pituitary growth hormone; see also entry: somatotrop[h]in.)  
*d* Adenohipophysen-Wachstums-Hormon *n*  
*f* hormone *f* adénohipophysaire de la croissance  
*p* hormônio *m* de crescimento da adenohipófise
- \* **adenohipofysis** → 444
- 178 adenosine diphosphate; ADP**  
 (Enz.)  
 (C<sub>10</sub>H<sub>15</sub>N<sub>5</sub>O<sub>10</sub>P<sub>2</sub>; adenosine diphosphoric acid.)  
*d* Adenosin-Diphosphat *n*  
*f* adénosine-diphosphate *m*  
*p* difosfato *m* de adenosina
- 179 adenosine triphosphate; ATP**  
 (Enz.)  
 (C<sub>10</sub>H<sub>16</sub>N<sub>5</sub>O<sub>13</sub>P<sub>3</sub>. Cell-energy supplying nucleotide; by enzymatic hydrolysis to ADP.)  
*d* Adenosin-Triphosphat *n*; ATP  
*f* adénosine-triphosphate *f*; ATP  
*p* trifosfato *m* de adenosina
- \* **adequate formulation of tablets** → 5236

- 180 adequate hardness of the vitamin tablet**  
(Vit.)  
(Vitamin technology; ref. to the physical characteristic of the tablet.)  
*d* ausreichende Härte *f* der Vitamintablette  
*f* dureté *f* adéquate du comprimé vitaminique  
*p* dureza *f* adequada do comprimido de vitamina
- 181 adherence of tablet coverage**  
(Prod.)  
(Pharmaceutical processes; e.g. ref. to coating techniques in tableting.)  
*d* Adhäsion *f* des Tablettenüberzugs; Haften *n* des Tablettenüberzugs  
*f* adhérence *f* du recouvrement des comprimés  
*p* aderência *f* do recobrimento dos comprimidos
- 182 adhesion as the molecular adherence between two substances**  
(Prod.)  
(Pharmaceutical technology; film-forming process; explaining powder agglomeration in tableting.)  
*d* Adhäsion *f* als das Aneinanderhaften der Moleküle zweier Stoffe  
*f* adhésion *f* comme l'adhérence entre molécules de deux substances  
*p* adesão *f* como aderência das moléculas entre duas substâncias
- 183 adhesion of tablet coatings to tablet cores**  
(Prod.)  
(Pharmaceutical technology; characteristic favoured by certain auxiliaries, like certain types of polyvinylpyrrolidone (PVP).)  
*d* Adhäsion *f* der Tablettenüberzüge auf den Tablettkernen; Haftvermögen *n* der Tablettenüberzüge auf den Tablettkernen  
*f* adhésion *f* du revêtement des comprimés sur les noyaux des comprimés; adhérence *f* du revêtement des comprimés sur les noyaux des comprimés  
*p* adesão *f* do revestimento do comprimido no núcleo dos comprimidos; aderência *f* do revestimento do comprimido no núcleo dos comprimidos
- 184 adhesive force of powder particles; adhesive power of powder particles**  
(Prod.)  
(Pharmaceutical technology; film-forming process; explaining powder agglomeration in tableting.)  
*d* Adhäsionskraft *f* der Pulverpartikel  
*f* force *f* d'adhésion des particules des poudres; pouvoir *m* adhérent des particules des poudres
- p* força *f* de adesão das partículas dos pós
- 185 adhesive gel**  
(Prod.)  
(Pharmaceutical technology; product form.)  
*d* adhäsives Gel *n*  
*f* gel *m* adhésif  
*p* gel *m* adesivo
- 186 adhesiveness**  
(Prod.)  
(Pharmaceutical technology; e.g. ref. to emplastrums etc.)  
*d* Haftfähigkeit *f*  
*f* adhésivité *f*  
*p* adesividade *f*
- \* adhesive plaster → 5930
- 187 adhesive power**  
(Prod.)  
(Pharmaceutical technology; ref. to auxiliaries in pharmaceuticals.)  
*d* Adhäsionskraft *f*  
*f* pouvoir *m* adhésif; force *f* d'adhésion  
*p* força *f* adesivas
- \* adhesive power of powder particles → 184
- 188 adhesive power of the powder**  
(Prod.)  
(Pharmaceutical technology; ref. to tablet-production, preliminary operations – the granulation operations; powder characteristic.)  
*d* adhäsive Kraft *f* des Pulvers; Klebkraft *f* des Pulvers  
*f* pouvoir *m* adhésif de la poudre  
*p* poder *m* adesivo do pó
- 189 adhesive properties**  
(Prod.)  
(Pharmaceutical technology, characteristic e.g. of soluble products.)  
*d* Klebeigenschaften *fpl*  
*f* propriétés *fpl* adhésives  
*p* propriedades *fpl* adesivas
- \* adiantum → 3915
- 190 adiuretin**  
(Horm.)  
(HHL-hormone, antidiuretic hormone of the pituitary gland.)  
*d* Adiuretin *n*  
*f* adiurétine *f*  
*p* adiuretina *f*

- 191 adjust** *v*  
(Prod.)  
(Pharmaceutical processes; ref. to processing activities.)  
*d* einstellen; regulieren  
*f* ajustar  
*p* ajustar
- 192 adjust** *v* **the viscosity of pharmaceutical solutions**  
(Prod.)  
(Pharmaceutical chemistry; by application of certain auxiliaries.)  
*d* die Viskosität pharmazeutischer Lösungen einstellen  
*f* ajuster la viscosité des solutions pharmaceutiques  
*p* ajustar a viscosidade das soluções farmacêuticas
- 193 adjuvant medicinal drug**  
(Prod.)  
(Pharmaceutical technology: medicament enhancing the activity of the main medicinal drug.)  
*d* unterstützendes Arzneimittel *n*  
*f* médicament *m* adjuvant  
*p* medicamento *m* adjuvante
- 194 administration by injection of prostaglandins to trigger off delivery**  
(Horm.)  
(Application of hormones in medicine.)  
*d* Verabreichung *f* durch Injektion von Prostaglandinen zum Auslösen der Entbindung  
*f* administration *f* par d'injection de prostaglandines pour déclencher l'accouchement  
*p* administração *f* por injeção, de prostaglandinas para provocar o parto
- 195 administration of a medicament**  
(Med.)  
(Ref. to the act of giving a medicament to someone.)  
*d* Arzneimittelzufuhr *f*  
*f* administration *f* d'un médicament  
*p* administração *f* de um remédio
- 196 administration of an injectable preparation through the tissues**  
(Med.)  
(Ref. to pharmaceutical preparations in form of injection.)  
*d* Verabreichung *f* eines Injektionspräparats in die Gewebe  
*f* administration *f* d'une préparation injectable
- dans les tissus*  
*p* administração *f* de uma preparação injetável pelos tecidos
- \* **administration via rectum** → 5302
- 197 admission of glucose; acceptance of glucose**  
(Horm.)  
(Ref. e.g. to cell activity.)  
*d* Eintritt *m* von Glykose; Aufnahme *f* von Glykose  
*f* entrée *f* de glucose; acception *f* de glucose  
*p* entrada *f* de glicose; aceitação *f* de glicose
- 198 admix** *v*  
(Prod.)  
(Pharmaceutical processes, in research and production.)  
*d* beimischen zu  
*f* mélanger en additionnant  
*p* misturar adicionando
- 199 admixture**  
(Prod.)  
(Pharmaceutical processes, in research and production.)  
*d* Beimengung *f*; Zumischung *f*  
*f* matière *f* adjutée  
*p* adição *f* por mistura; acréscimo *m* na mistura
- 200 adonis**  
(Phyto.)  
(Adonis vernalis L.; vernal pheasant's eye; Ranunculaceae; active substance: adonidin; use: cardiac stimulant, anticonvulsant.)  
*d* Adonisröschen *n*  
*f* adonide *f*  
*p* adônis *f*
- \* **ADP** → 178
- 201 adrenal cortical steroids**  
(Horm.)  
(Metabolism-related hormones.)  
*d* Adrenocorticosteroide *npl*  
*f* adrénocorticostéroïdes *mpl*  
*p* adrenocorticosteróides *mpl*
- 202 adrenalin[e]**  
(Horm.)  
(C<sub>9</sub>H<sub>13</sub>NO<sub>3</sub>; (epinephrine); a metabolism increasing hormone, e.g. related to the sugar metabolism.)  
*d* Adrenalin *n*  
*f* adrénaline *f*  
*p* adrenalina *f*

- 203 adrenalin[e] acts as a vasoconstrictive hormone**  
(Horm.)  
(Ref. to hormone activity on the peripheral circulation.)  
*d* Adrenalin *n* wirkt als Hormon der Gefäßkontraktion  
*f* adrénaline *f* agit comme une hormone vasoconstricteur  
*p* adrenalina *f* age como um hormônio vasoconstritor
- 204 adrenalin[e] is a hormone secreted by the suprarenal medulla gland**  
(Horm.)  
(See also entry: adrenalin[e].)  
*d* Adrenalin *n* ist ein von der Nebennierenmark-Drüse ausgeschüttetes Hormon  
*f* adrénaline *f* est une hormone sécrétée par la glande médullosurrénale  
*p* adrenalina *f* é um hormônio secretado pela glândula da medula suprarenal
- 205 adrenalin[e] secretion**  
(Horm.)  
(C<sub>9</sub>H<sub>13</sub>NO<sub>3</sub>; (epinephrine); a metabolism increasing hormone, e.g. related to the sugar metabolism.)  
*d* Adrenalin-Sekretion *f*  
*f* sécrétion *f* d'adrénaline  
*p* secreção *f* de adrenalina
- 206 adrenalin[e] with vasoconstrictive properties**  
(Horm.)  
(E.g. used as a medicament in allergy treatment.)  
*d* Adrenalin *n* mit gefäßzusammenziehenden Eigenschaften  
*f* adrénaline *f* à des propriétés vasoconstricteurs  
*p* adrenalina *f* com propriedades vasoconstritoras
- 207 β-adrenergic receptor**  
(Horm.)  
(Inhibitor of the excitement of the sympathetic nervous system; see entry: adrenergic alpha-receptor.)  
*d* adrenergischer β-Rezeptor *m*  
*f* récepteur *m* β-adrénergique  
*p* receptor *m* β-adrenérgico
- 208 adrenergic receptor blockers**  
(Horm.)  
(Ref. to blockers of alpha-receptor in cases of hypertension. Noradrenaline is a hormone/neurotransmitter, vasoconstrictor, increasing blood pressure; adrenergic means the nerve fibres which release this hormone. β-blockers in case of arrhythmia.)  
*d* adrenergische Rezeptorenblocker *mpl*  
*f* bloquants *mpl* (bloqueurs *mpl*) adrénérgiques des récepteurs  
*p* bloqueadores *mpl* adrenérgicos dos receptores
- 209 adrenocorticoids**  
(Horm.)  
(A hormone related to the protein metabolism.)  
*d* Adrenocorticoide *npl*  
*f* adrénocorticoides *mpl*  
*p* adrenocorticoides *mpl*
- 210 adrenocorticosteroid**  
(Horm.)  
(Hormone biochemistry; a steroid.)  
*d* Adrenokortikosteroid *n*; Adrenocortikosteroid *n*  
*f* adrénocorticostéroïde *m*  
*p* adrenocorticosteroïde *m*
- 211 adrenocorticotrop[h]ic hormone; adrenocorticotrop[h]in; ACTH**  
(Enz.)  
(Anterior pituitary gland hormone, which controls secretion of corticosteroid hormones in the body.)  
*d* adrenokortikotropes Hormon *n*; Adrenokortikotropin *n*; ACTH  
*f* adrenocorticotrophine *f*; ACTH; hormone *f* ádrenocorticotrophique  
*p* adrenocorticotrofina *f*; ACTH; hormônio *m* adrenocorticotropico
- \* **adrenocorticotrop[h]in → 211**
- 212 adrenosterone**  
(Horm.)  
(C<sub>19</sub>H<sub>24</sub>O<sub>3</sub>; a hormone.)  
*d* Adrenosteron *n*  
*f* adrénostérone *f*  
*p* adrenosterona *f*
- 213 adsorbate**  
(Prod.)  
(Pharmaceutical chemistry; a substance adsorbed, e.g. on silica gel.)  
*d* Adsorbat *n*  
*f* adsorbat *m*  
*p* adsorbato *m*
- 214 adsorbate concentration**  
(Prod.)  
(Pharmaceutical technology.)  
*d* Adsorbatkonzentration *f*

- f* concentration *f* d'adsorbat  
*p* concentração *f* do adsorbato
- 215 adsorbate on silica gel**  
(Prod.)  
(Pharmaceutical technology; a substance adsorbed on silica gel, e.g. D-pantothenyl alcohol = panthenol ((C<sub>9</sub>H<sub>19</sub>NO<sub>4</sub>).))  
*d* Adsorbat *n* auf Silicagel; Adsorbat *n* auf Silikagel  
*f* adsorbat *m* sur gel de silice; adsorbat *m* sur silicagel  
*p* adsorbato *m* sobre silica gel
- 216 adsorbate technique for dry vitamin powder production**  
(Vit.)  
(Vitamin technology, in the production of vitamin dry powders.)  
*d* Adsorbat-Technik *f* zur Produktion von Vitamintrockenpulver  
*f* technique *f* à adsorbate pour la production de poudre sèche vitaminique  
*p* técnica *f* a adsorbato para a produção de pó seco de vitaminas
- 217 adsorption of endotoxins by complexation with an auxiliary**  
(Prod.)  
(Pharmaceutical technology; ref. to activity characteristics of certain auxiliaries.)  
*d* Adsorption *f* von Endotoxinen durch Komplexierung mit einem Hilfsprodukt; Adsorption *f* von Endotoxinen durch Komplexbildung mit einem Hilfsprodukt  
*f* adsorption *f* des endotoxines par la formation de complexes avec d'un produit auxiliaire  
*p* adsorção *f* de endotoxinas por complexão com um produto auxiliar
- 218 adverse effects on vitamin stability**  
(Vit.)  
(Vitamin technology; vitamin processing.)  
*d* nachteilige Wirkung *f* auf die Vitamin-Stabilität; nachteilige Auswirkung *f* auf die Vitaminstabilität  
*f* effets *mpl* préjudiciables sur la stabilité des vitamines  
*p* efeitos *mpl* prejudiciais na estabilidade das vitaminas
- 219 adverse reactions; counterreactions**  
(Pharm.)  
(Side effects of medicamentous substances in the organism.)  
*d* Gegenreaktionen *fpl*; gegensätzliche Wirkung *f*  
*f* réactions *fpl* adverses
- p* reações *fpl* adversas
- 220 aeration on fermentation; ventilation on fermentation**  
(Enz.)  
(Biotechnology; ref. to fermentation techniques.)  
*d* Aeration *f* bei der Gärung; Ventilation *f* bei der Gärung  
*f* aération *f* en fermentation; ventilation *f* en fermentation  
*p* aeração *f* na fermentação; ventilação *f* na fermentação
- 221 aerobic**  
(Med.)  
(Microbe requiring free oxygen for life.)  
*d* Aerobe *f*  
*f* aérobie *m*  
*p* aeróbio *m*
- 222 aerobic/anaerobic fermentation phase**  
(Enz.)  
(Enzymology; ref. to types of fermentation processes.)  
*d* aerobe/anaerobe Gärungsphase *f*  
*f* phase *f* aérobie/anaérobie de la fermentation  
*p* fase *f* aeróbia/anaeróbia da fermentação
- 223 aerobic bacteria**  
(Prod.)  
(Pharmaceutical technology/biotechnology; ref. to microbial activity; also: in microbial purity requirements.)  
*d* aerobe Bakterien *fpl*  
*f* bactéries *fpl* aérobie  
*p* bactérias *fpl* aeróbias
- 224 aerobic decomposition of ascorbic acid**  
(Vit.)  
(Vitamin biochemistry; oxidative decomposition; final product: oxalic acid, ethanedioic acid (C<sub>2</sub>H<sub>2</sub>O<sub>4</sub>.2H<sub>2</sub>O); a poisonous chemical intermediate.)  
*d* aerobe Dekomposition *f* der Ascorbinsäure; aerober Abbau *m* der Ascorbinsäure  
*f* décomposition *f* aérobie de l'acide ascorbique  
*p* decomposição *f* aeróbica do ácido ascórbico
- 225 aerobic degradation**  
(Vit.)  
(Fine chemical vitamin technology: product degradation process occurring in the present of oxygen.)  
*d* aerobe Degradierung *f*; aerober Zerfall *m*  
*f* dégradation *f* aérobie  
*p* degradação *f* aeróbica

- 226 aerobic dehydrogenase**  
(Enz.)  
(Dehydrogenase: oxidoreductase; an enzyme catalyzing oxidation-reduction reactions in the human body.)  
*d* aerobe Dehydrogenase *f*; aerobe Dehydrase *f*  
*f* déshydrogénase *f* aérobie; déhydrase *f* aérobie  
*p* deshidrogenase *f* aeróbica
- 227 aerobic fermentation**  
(Enz.)  
(Biotechnology; ref. to fermentation process used for the aerobic decomposition of organic material by the means of microorganisms or by enzymes.)  
*d* aerobe Gärung *f*; aerobes Gärungsverfahren *n*  
*f* fermentation *f* aérobie  
*p* fermentação *f* aeróbia
- 228 aerobic fermentation in biotechnology**  
(Enz.)  
(Fermentation-type in biotechnology aimed at the production of substances for industrial exploitation.)  
*d* aerobe Gärung *f* in der Biotechnologie  
*f* fermentation *f* aérobie en biotechnologie  
*p* fermentação *f* aeróbia na biotecnologia
- 229 aerobic incubation**  
(Enz.)  
(Enzymology; ref. to the elaboration e.g. of a fermentation medium; see this entry.)  
*d* aerobe Inkubation *f*  
*f* incubation *f* aérobie  
*p* incubação *f* aeróbia
- 230 aerobic metabolism**  
(Vit.)  
(Vitamin/enzyme biochemistry.)  
*d* aerober Stoffwechsel *m*  
*f* métabolisme *m* aérobie  
*p* metabolismo *m* aeróbico
- 231 aerosol**  
(Prod.)  
(Pharmaceutical technology; a pharmaceutical form: solid particles (active agent)/gas suspension, administered from a pressurized container.)  
*d* Aerosol *n*  
*f* aérosol *m*  
*p* aerosol *m*  
  
\* **aerosporin** → 4882
- 232 affinity to hydrophobic surfaces**  
(Prod.)  
(Pharmaceutical technology: ref. to auxiliaries (e.g. PVP-types) in tablet production, tableting processes.)  
*d* Affinität *f* zu hydrophoben Oberflächen  
*f* affinité *f* avec des surfaces hydrophobes  
*p* afinidade *f* às superfícies hidrófobas
- 233 affinity to hydrophilic surfaces**  
(Prod.)  
(Pharmaceutical technology: ref. to auxiliaries (e.g. PVP) in tablet production.)  
*d* Affinität *f* zu hydrophilen Oberflächen  
*f* affinité *f* avec des surfaces hydrophiles  
*p* afinidade *f* às superfícies hidrófilas
- 234 affusion**  
(Prod.)  
(Pharmaceutical processes: in this case: pouring a liquid on a medicinal drug.)  
*d* Gießen *n*  
*f* affusion *f*  
*p* afusão *f*
- 235 aftercare; aftertreatment**  
(Med.)  
(Ref. to treatment after conclusion of the original "medical treatment"; see this entry.)  
*d* Nachbehandlung *f*  
*f* traitement *m* ultérieur  
*p* tratamento *m* posterior  
  
\* **aftertreatment** → 235  
\* **against phthisis** → 236
- 236 against pulmonary tuberculosis; against phthisis**  
*d* gegen Lungentuberkulose; gegen Schwindsucht  
*f* contre la tuberculose pulmonaire; contre la phthisie  
*p* contra a tuberculose pulmonar; contra a tísica
- 237 agent; medicinally active substance, active principle**  
(Prod.)  
(Pharmaceutical chemistry; the active medicinal principle is always only a small part of the whole tablet weight and tablet volume, which contains also additives and fillers/roduct.)  
*d* medizinisches Agens *n*; Mittel *n*; Wirkstoff *m*; medizinisch wirksamer Stoff *m*  
*f* agent *m* medicinal; principe *m* actif médicinal  
*p* agente *m* medicinal; princípio *m* ativo medicinal

- 238 agglomerate** *v*  
(Prod.)  
(Pharmaceutical technology; ref. to product characteristic.)  
*d* zusammenballen; anhäufen  
*f* agglomérer; cumuler  
*p* aglomerar; acumular
- 239 agglomerate; agglomeration**  
(Prod.)  
(Pharmaceutical chemistry; product characteristic.)  
*d* Agglomerat *n*; Agglomeration *f*  
*f* agglomérat *m*; agglomération *f*  
*p* aglomerado *m*; aglomeração *f*
- 240 agglomerating auxiliary product**  
(Prod.)  
(Pharmaceutical chemistry; e.g. in tablet production.)  
*d* Agglomerationshilfsmittel *n*  
*f* produit *m* auxiliaire agglomérant; produit *m* auxiliaire d'agglomération  
*p* produto *m* auxiliar aglomerante  
  
\* **agglomeration** → 239
- 241 agglomeration formation**  
(Prod.)  
(Pharmaceutical chemistry; ref. to characteristics of certain materials.)  
*d* Agglomerationsbildung *f*; Bildung *f* einer Zusammenballung; Anhäufungsbildung *f*  
*f* formation *f* d'une agglomération  
*p* formação *f* de uma aglomeração
- 242 agglomeration of powdery particles by compression**  
(Prod.)  
(Pharmaceutical processes; ref. to tablet production; see entry: tablet: a pharmaceutical preparation of solid consistency.)  
*d* Zusammenballung *f* pulverförmiger Teilchen durch Verpressung  
*f* agglomération *f* de particules pulvérulentes sous compression  
*p* aglomeração *f* de partículas pulveréas sob compressão
- 243 agglutinant**  
(Prod.)  
(Pharmaceutical technology; e.g. auxiliary in tableting.)  
*d* Agglutinations-Hilfsmittel *n*; Verklebungshilfsmittel *n*  
*f* agglutinant *m*  
*p* aglutinante *m*
- 244 agglutination**  
(Prod.)  
(Pharmaceutical chemistry; clumping.)  
*d* Agglutination *f*; Zusammenkleben *n*; Verklebung *f*  
*f* agglutination *f*  
*p* aglutinação *f*
- 245 agglutination inhibitor**  
(Pharm.)  
(Against: blood clot; thrombus; see this entry.)  
*d* Agglutinationshemmer *m/impl*  
*f* inhibiteur *m* de l'agglutination  
*p* inibidor *m* de aglutinação
- 246 aggregates with increased molecular weight**  
(Mol.)  
(Ref. to products; molecular weight is also: relative molecular mass.)  
*d* Aggregate *npl* höheren Molekulargewichtes  
*f* ensembles *mpl* à poids moléculaire augmenté  
*p* agregados *mpl* de peso molecular aumentado
- 247 agonist; self-acting substance**  
(Prod.)  
(Pharmaceutical technology; an active principle, which, binding to a receptor, initiates a reaction.)  
*d* Agonist *m*; eigenwirksame Substanz  
*f* substance *f* agoniste; substance *f* d'activité propre  
*p* agonista *m*; substância *f* de atividade própria
- 248 agricultural foodstuffs**  
(Enz.)  
(Biotechnology; ref. to transformation of agricultural products by biotechnological processing.)  
*d* landwirtschaftliche Nahrungsmittel *npl*  
*f* produits *mpl* agroalimentaires  
*p* produtos *mpl* agroalimentícios
- 249 A-hypervitaminosis syndrome**  
(Vit.)  
(Hypervitaminosis, by steady overdosage of vitamin A.)  
*d* Hypervitaminose-A-Syndrom *n*  
*f* syndrome *m* d'hypervitaminose A  
*p* síndrome *f* de hipervitaminose A  
  
\* **AII** → 408  
\* **air exposure** → 2500  
\* **airtight sealed vessels** → 3058



- 250 alactoflavinosis**  
(Vit.)  
(Vitamin physiology; vitamin deficiency, vitamin B<sub>2</sub>-deficiency (riboflavin=lactoflavin).)  
*d* Alactoflavinoză *f*  
*f* alactoflavinoză *f*  
*p* alactoflavinoză *f*
- 251 alanine**  
(Vit.)  
(C<sub>3</sub>H<sub>7</sub>NO<sub>2</sub>; a nonessential amino acid; beta alanine, e.g. employed in pantothenic acid (vitamin B) synthesis.)  
*d* Alanin *n*  
*f* alanine *f*  
*p* alanina *f*
- 252 albumin as water-soluble protein**  
(Enz.)  
(Enzymology; classification (solubility) criterion.)  
*d* Albumin *n* als wasserlösliches Protein  
*f* albumine *f* comme protéine hydrosoluble  
*p* albumina *f* como proteína hidrossolúvel
- \* **albuminoids** → 2599
- 253 alcohol**  
(Prod.)  
(Pharmaceutical chemistry; prime material; organic compound having the -OH group.)  
*d* Alkohol *m*  
*f* alcool *m*  
*p* álcool *m*
- 254 alcoholate**  
(Phyto.)  
(Medicament obtained by alcoholic distillation of aromatic medicamentous plant substances.)  
*d* Alkoholat *n*  
*f* alcoolat *m*  
*p* alcoolato *m*
- \* **alcoholature** → 262
- 255 alcohol fraction**  
(Prod.)  
(Pharmaceutical processes; distillation process; see this entry.)  
*d* Alkoholfraktion *f*  
*f* fraction *f* alcoolique  
*p* fração *f* alcoólica
- 256 alcoholic degree; degree of alcohol concentration**  
(Prod.)  
(Pharmaceutical chemistry; product characteristic, e.g. in tinctures.)  
*d* Grad *m* des Alkoholgehalts  
*f* degré *m* alcoolique  
*p* grau *m* alcoólico; grau *m* de teor de álcool
- 257 alcoholic dermatologic solute**  
(Prod.)  
(Pharmaceutical technology; for application on the skin.)  
*d* alkoholhaltige dermatologische gelöste Stoffmenge *f*  
*f* soluté *m* dermatologique alcoolique  
*p* soluto *m* dermatológico contendo álcool
- 258 alcoholic extract**  
(Phyto.)  
(Extract type in processing.)  
*d* alkoholischer Extrakt *m*  
*f* extrait *m* alcoolique  
*p* extrato *m* alcoólico
- 259 alcoholic fermentation**  
(Enz.)  
(Biotechnology; Beer brewery process of ethanol, grain-alcohol production. Wine production.)  
*d* alkoholische Fermentation *f*; alkoholische Gärung *f*; Alkoholgärung *f*  
*f* fermentation *f* alcoolique  
*p* fermentação *f* alcoólica
- 260 alcoholic fermentation transforming sugar in alcohol**  
(Enz.)  
(Anaerobic fermentation process in biotechnology aimed at the production of substances for industrial exploitation. (In this case: Ethyl alcohol, also called: Ethanol, C<sub>2</sub>H<sub>5</sub>OH).)  
*d* Alkoholgärung *f*, welche Zucker in Alkohol umwandelt  
*f* fermentation *f* alcoolique transformante le sucre en alcool  
*p* fermentação *f* alcoólica transformando açúcar em álcool
- 261 alcoholic preparation**  
(Prod.)  
(Pharmaceutical technology; a product type.)  
*d* alkoholethaltendes Präparat *n*  
*f* préparation *f* alcoolique  
*p* preparação *f* alcoólica
- 262 alcoholic tincture; alcoholature**  
(Phyto.)  
(Ref. to extraction processes; an alcoholic medicinal extract of plant or animal substances.)

- d* alkoholische Tinktur *f*; alkoholischer Auszug *m*  
*f* teinture *f* alcoolique; alcoolature *f*  
*p* tintura *f* alcoólica; alcoolatura *f*
- 263 alcoholic tincture of artichoke**  
 (Phyto.)  
 ("Cynara scolymus L.", family "Asteraceae"; containing the medicamentous substances as: chlorogenic acid, caffeic acid cynara, artichoke glicoside; use: choleric, diuretic, arteriosclerosis treatment.)  
*d* alkoholischer Auszug *m* von Artischocken  
*f* teinture *f* alcoolique de l'artichaut  
*p* tintura *f* alcoólica de alcachofra
- \* **alcohol-soluble** → 5749
- 264 alcoholysis**  
 (Enz.)  
 (Cleavage of a -C-C-bond by the action of alcohol; transesterification.)  
*d* Alkoholyse *f*  
*f* alcoolyse *f*  
*p* alcoólise *f*
- 265 aldehyde; aldehydoxidase**  
 (Enz.)  
 (A liver-originated enzyme, e.g. transforms some aldehydes into acid; enzymology.)  
*d* Aldehydase *f*; Aldehydoxidase *f*  
*f* aldéhydase *f*; aldéhydoxidase *f*  
*p* aldeidase *f*
- 266 aldehyde transferase**  
 (Enz.)  
 (Transferases are transfer-catalyzing enzymes of chemical rest-groups, e.g. amino groups etc.)  
*d* Aldehydtransferase *f*  
*f* transférase *f* aldéhydique  
*p* transferase *f* aldeídica
- \* **aldehydoxidase** → 265
- 267 aldolase**  
 (Enz.)  
 (An enzyme; e.g. catalyzes aldol: C<sub>4</sub>H<sub>8</sub>O<sub>2</sub>, which is used in organic synthesis.)  
*d* Aldolase *f*  
*f* aldolase *f*  
*p* aldolase *f*
- 268 aldosterone**  
 (Horm.)  
 (C<sub>21</sub>H<sub>28</sub>O<sub>5</sub>; a hormone; related to the metabolism-regulation of sodium and potassium (water balance).)  
*d* Aldosteron *n*  
*f* aldostérone *f*  
*p* aldosterona *f*
- 269 aldosterone intervenes in the osmolarity of the organism**  
 (Horm.)  
 (See also entry: aldosterone stimulates the active sodium reabsorption.)  
*d* Aldosteron *f* greift in die Osmolarität des Organismus ein  
*f* aldostérone *f* agit sur l'osmolarité de l'organisme  
*p* aldosterona *f* age sobre a osmolaridade do organismo
- 270 aldosterone secretion by the suprarenal glands**  
 (Horm.)  
 (Hormone physiology, ref. to aldosterone activity.)  
*d* Aldosteronsekretion *f* durch die Nebennierendrüsen  
*f* sécrétion *f* d'aldostérone par les glandes surrénales; sécrétion *f* d'aldostérone par les glandes surrénales  
*p* secreção *f* de aldosterona pelas glândulas suprarenais
- 271 aldosterone secretion stimulating tissue hormone**  
 (Horm.)  
 (Angiotensin II; e.g. blood pressure (arterial pressure) and blood volume regulating activity.)  
*d* Aldosteron-Sekretion *f* anregendes Gewebshormon  
*f* hormone *f* tissulaire, stimulatrice de la sécrétion d'aldostérone  
*p* hormônio *m* tissular, estimulador da secreção de aldosterona
- 272 aldosterone stimulates the active sodium reabsorption**  
 (Horm.)  
 (Related to the metabolism-regulation of sodium and potassium (water balance).)  
*d* Aldosteron *n* regt die aktive Natrium-Reabsorption an  
*f* aldostérone *f* stimule la réabsorption active de sodium  
*p* aldosterona *f* estimula a reabsorção ativa do sódio
- \* **alfalfa capsules** → 3884

- 273 algaroba; carob flour [gum]**  
(Phyt.)  
(Pharmaceutical chemistry. St. John's bread; ground meal of the fruit "Ceratonia siliqua L., Leguminosae". Adsorbent-demulcent for diarrhea. Gelling/thickening auxiliary.)  
*d* Johannisbrotmehl *n*; Karube *f*  
*f* caroube *f*  
*p* alfarroba *f*
- \* **alginate** → 274
- 274 alginic acid; alginate**  
(Prod.)  
(Pharmaceutical technology; alginic acid: (C<sub>6</sub>H<sub>8</sub>O<sub>6</sub>)<sub>n</sub>; a complex polysaccharide; alginate: salt or ester of alginic acid; auxiliary products as gelling/thickening auxiliaries.)  
*d* Alginsäure *f*; Alginat *n*  
*f* acide *m* alginique; alginate *m*  
*p* ácido *m* alginico; alginato *m*
- 275 alicyclic compound**  
(Mol.)  
(Organic cyclic compound, without the benzene ring; e.g. cyclohexane (C<sub>6</sub>H<sub>12</sub>)).  
*d* alizyklische Verbindung *f*  
*f* composé *m* alicyclique  
*p* composto *m* aliciclico
- \* **alignment** → 4491
- 276 alimentary anaemia; avitaminous anaemia**  
(Vit.)  
(Hypovitaminosis; due to unbalanced, vitamin deficient, diet.)  
*d* ernährungsbezogene Anämie *f*;  
Vitaminmangelblutarmut *f*  
*f* anémie *f* alimentaire; anémie *f* avitaminique  
*p* anemia *f* alimentar; anemia *f* avitamínica
- 277 alimentary supply**  
(Med.)  
(E.g. intake of foodstuffs with addition of certain vitamins not synthesized by the human body.)  
*d* Nahrungsmittelzufuhr *f*  
*f* apport *m* alimentaire  
*p* aporte *m* alimentar
- 278 aliphatic**  
(Mol.)  
(Organic compound, showing noncyclic C-bonds with open chain.)  
*d* aliphatisch  
*f* aliphatique  
*p* alifático
- 279 aliphatic compound**  
(Mol.)  
(Noncyclic organic compound; e.g. alkanes.)  
*d* aliphatische Verbindung *f*  
*f* composé *m* aliphatique  
*p* composto *m* alifático
- 280 aliphatic organic compounds as products of biotechnology**  
(Mol.)  
(Biochemical elaboration of products aimed at industrial exploitation; e.g. organic acids; aliphatic: organic compound having an open-chain structure.)  
*d* organische aliphatische Verbindungen *fpl* als Produkte der Biotechnologie  
*f* composés *mpl* organiques aliphatiques comme des produits de la biotechnologie  
*p* compostos *mpl* orgânicos alifáticos como produtos da biotecnologia
- 281 alkaline aqueous solution**  
(Prod.)  
(Pharmaceutical technology; solution in the alkaline (basic) pH-range (more than 7).)  
*d* alkalische wässrige Lösung *f*; alkalische wässrige Lösung *f*  
*f* solution *f* aqueuse alcaline  
*p* solução *f* aquosa alcalina
- \* **alkaline medicament** → 760
- 282 alkaline range**  
(Prod.)  
(Pharmaceutical technology; ref. to pH range (excess of 7).)  
*d* alkalischer Bereich *m*  
*f* plage *f* alcaline  
*p* limites *mpl* alcalinos
- 283 alkaline-reacting substances**  
(Prod.)  
(Pharmaceutical technology; ref. to the pH-range above 7.)  
*d* alkalisch reagierende Substanzen *fpl*  
*f* substances *fpl* à réaction alcaline  
*p* substâncias *fpl* de reação alcalina
- 284 alkalinity**  
(Prod.)  
(Pharmaceutical chemistry; ref. to product characteristic in the alkaline Ph-range of above 7.)  
*d* Alkalinität *f*  
*f* alcalinité *f*  
*p* alcalinidade *f*

- 285 alkaloid drug**  
(Phyto.)  
(A vegetable substance used in the preparation of a medicament based on alkaloids.)  
*d* alkaloidhaltige Droge *f*  
*f* drogue *f* à alcaloïdes  
*p* droga *f* alcaloídica; substância *f* medicamentosa alcaloídica
- 286 alkaloids**  
(Phyt.)  
(Organic plant bases; nitrogen-containing active principles in plants, e.g. atropine, quinine.)  
*d* Alkaloide *npl*  
*f* alcaloïdes *mpl*  
*p* alcalóides *mpl*
- 287 alkaloids with nonnitrogenous cycles**  
(Prod.)  
(See entry: alkaloid and nitrogen cycle.)  
*d* Alkaloide *npl* mit nicht-stickstoffhaltigen Zyklen  
*f* alcaloïdes *mpl* à cycles non azotés  
*p* alcalóides *mpl* com ciclos não-nitrogenados
- 288 alkylation**  
(Mol.)  
(Introduction of alkyl groups into a compound.)  
*d* Alkylierung *f*  
*f* alkylation *f*; alcoylation *f*  
*p* alquilação *f*
- 289 alkylene**  
(Prod.)  
(Pharmaceutical chemistry; e.g. methylene, a bivalent hydrocarbon (CH<sub>2</sub>) group.)  
*d* Alkylen *n*  
*f* alcoylène *m*; alkylène *m*  
*p* alquilenos *m*
- 290 allele**  
(Cyt.)  
(Genes situated on the same locus of each part of a pair of homologous chromosomes (called also "allelomorph").)  
*d* Allel *n*  
*f* allèle *m*  
*p* alelo *m*
- 291 allergen**  
(Med.)  
(An allergy causing antigen (see this entry).)  
*d* Fremdstanz *f*; Allergen *n*  
*f* allergène *m*  
*p* alergênio *m*; alérgeno *m*
- 292 allergic hypersensitivity reaction under formation of an antigen-antibody-complex**  
(Med.)  
(Ref. e.g. to serum disease.)  
*d* allergische Überempfindlichkeitsreaktion *f* mit Antigen-Antikörper-Komplex-Bildung  
*f* réaction *f* allergique de hypersensibilité sous formation d'un complexe antigène-anticorps  
*p* reação *f* alérgica de hipersensibilidade sob formação de um complexo antígeno-anticorpo
- 293 allergic instant reaction**  
(Med.)  
(Ref. e.g. to anaphylaxis, widespread histamine release.)  
*d* allergische Sofortreaktion *f*  
*f* réaction *f* instantanée allergique  
*p* reação *f* instantanea alérgica
- 294 allergic process**  
(Vit.)  
(If resulting from biochemical disequilibrium, it can be corrected by restoration of this type of equilibrium which is related e.g. to vitamin intake etc.)  
*d* allergischer Prozess *m*  
*f* processus *m* allergique  
*p* processo *m* alérgico
- 295 allergic reaction**  
(Med.)  
(E.g. hay fever, pathological reaction to pollen; also: hypersensitivity to medicamentous substances.)  
*d* allergische Reaktion *f*  
*f* réaction *f* allergique  
*p* reação *f* alérgica
- 296 allergic reactions to antibiotics**  
(Ant.)  
(Ref. to: medicamentous side-effect; see this entry.)  
*d* allergische Reaktionen *fppl* auf Antibiotika  
*f* réactions *fppl* allergiques aux antibiotiques  
*p* reações *fppl* alérgicas aos antibióticos
- 297 allergization possibility**  
(Med.)  
(Ref. to immunology; antigen-antibody reaction problem.)  
*d* Allergisierungsmöglichkeit *f*  
*f* possibilité *f* de l'allergisation  
*p* possibilidade *f* de alergização
- \* **allheal infusion** → 6614
- \* **alloantibodies** → 3686

- 298 allopamy**  
(Med.)  
(Denomination of classical medicine, (contraria contrariis curantur), choice of drugs depending on the disease of the patient; opposed to "hom[o]eopathy", see this entry.)  
*d* Allopathie *f*  
*f* allopathie *f*  
*p* alopatia *f*
- 299 alloxan**  
(Vit.)  
(C<sub>4</sub>H<sub>2</sub>N<sub>2</sub>O<sub>4</sub>; in organic syntheses, e.g. starting material in "synthesis course of vitamin B<sub>2</sub>" (see entry).)  
*d* Alloxan *n*  
*f* alloxane *m*  
*p* aloxana *f*
- 300 alloxazine**  
(Vit.)  
(Vitamin technology; alloxazine mononucleotide; riboflavin phosphate sodium; vitamin B<sub>2</sub> phosphate sodium salt; C<sub>17</sub>H<sub>20</sub>N<sub>4</sub>O<sub>9</sub>PNa.2H<sub>2</sub>O. Lactoflavin constituent.)  
*d* Aloxazin *n*  
*f* alloxazine *f*  
*p* aloxazina *f*
- 301 allyl**  
(Mol.)  
(Pharmaceutical chemistry; unsaturated monovalent radical C<sub>3</sub>H<sub>5</sub>·, propene derivative.)  
*d* Allyl *n*  
*f* allyle *m*  
*p* alila *f*
- 302 aloe oil**  
(Phyto.)  
(*"Aloe vera* Lin; Liliaceae"; medicinal herb; use: ext. skin ulcers, promotes tissue regeneration in burns.)  
*d* Öl *n* der Aloe  
*f* huile *f* de l'aloés  
*p* óleo *m* de aloés; óleo *m* de babosa
- 303 alpha-adrenergic agonist**  
(Pharm.)  
(Ref. to alpha-receptor reaction-initiating agent, e.g. active principle in eye drops with hypotensive activity in glaucoma treatment.)  
*d* alpha-adrenergischer Agonist *m*  
*f* agent *m* agoniste alpha-adrénergique  
*p* agonista *m* alfa-adrenérgico
- 304 alpha-adrenergic receptor**  
(Horm.)  
(Responsible for the excitement of the sympathetic nervous system; see entry: adrenergic β-receptor.)  
*d* adrenergischer Alpha-Rezeptor *m*  
*f* récepteur *m* alpha-adrénergique  
*p* receptor *m* alfa-adrenérgico
- 305 alpha-tocopherol acetate absorbed on the level of the intermediate regions of the small intestine**  
(Vit.)  
(Vitamin physiology; see entry: alpha-tocopherol acetate – vitamin E – is absorbed after hydrolysis of the ester.)  
*d* alpha-Tocopherolacetat *n* absorbiert auf dem Niveau der intermediären Dünndarmregionen  
*f* acétate *m* d'alpha-tocophérol absorbé au niveau des régions intermédiaires du intestin grêle  
*p* acetato *m* de alfa-tocofeol absorvido no nível das regiões intermediárias do intestino delgado
- 306 alpha-tocopherol acetate binds itself to fraction of the beta-lipoproteins**  
(Vit.)  
(Vitamin physiology; vitamin E bound to the beta-lipoproteins in the blood.)  
*d* alpha-Tocopherolacetat *n* bindet sich an die beta-Lipoproteine-Fraktion  
*f* acétate *m* d'alpha-tocophérol se lie à la fraction des beta-lipoprotéines  
*p* acetato *m* de alfa-tocofeol liga-se à fração das beta-lipoproteínas
- 307 alpha-tocopherol acetate is absorbed after hydrolysis of the ester; vitamin E is absorbed after hydrolysis of the ester**  
(Vit.)  
(Vitamin physiology; after oral intake in the intermediate regions of the small intestine.)  
*d* alpha-Tocopherolacetat *n* wird absorbiert nach der Hydrolyse des Esters; Vitamin *n* E wird absorbiert nach der Hydrolyse des Esters  
*f* acétate *m* d'alpha-tocophérol est absorbé au bout de la hydrolyse de l'ester; vitamine *f* E est absorbée au bout de la hydrolyse de l'ester  
*p* acetato *m* de alfa-tocofeol é absorvido após hidrólise do éster; vitamina *f* E é absorvido após hidrólise do éster
- 308 alpha-tocopherol acetate – vitamin E – is absorbed after hydrolysis of the ester**  
(Vit.)  
(Vitamin physiology; after oral intake in the intermediate regions of the small intestine.)

- d* alpha-Tocopherolacetat *n* – Vitamin E – wird absorbiert nach der Hydrolyse des Esters  
*f* acétate *m* d'alpha-tocophérol – vitamine E – est absorbé au bout de la hydrolyse de l'ester  
*p* acetato *m* de alfa-tocoferol – vitamina E – é absorvido após hidrólise do éster
- 309 alpha-tocopheryl acetate**  
 (Vit.)  
 (C<sub>31</sub>H<sub>52</sub>O<sub>3</sub>; vitamin E acetate; acetic acid ester of alpha-tocopherol; vitamin E derivative.)  
*d* alpha-Tocopherylacetat *n*  
*f* acétate *m* d'alpha-tocophéryle  
*p* acetato *m* de alfa-tocoferila
- 310 alteration of a medicament as enzymatic action**  
 (Enz.)  
 (Pharmaceutical technology; conservation problem.)  
*d* Veränderung *f* eines Medikamentes als enzymatische Aktion  
*f* altération *f* d'un médicament comme action enzymatique  
*p* alteração *f* de um medicamento como ação enzimática
- 311 alteration of medicamentous substances by continued heat**  
 (Phyto.)  
 (Ref. e.g. to "concentration of extractive solutions by evaporation", see this entry.)  
*d* Veränderung *f* medikamentöser Substanzen durch andauernde Hitze  
*f* altération *f* des substances médicamenteuses par la chaleur prolongée  
*p* alteração *f* das substâncias medicamentosas pelo calor prolongado
- 312 alteration of powder texture**  
 (Prod.)  
 (Pharmaceutical technology; ref. to pharmaceutical powder production.)  
*d* Veränderung *f* der Pulvertextrur  
*f* altération *f* de texture des poudres  
*p* alteração *f* da textura dos pós
- 313 alteration of the chemical structure of active principles**  
 (Mol.)  
 (Ref. to alterations in molecular structures; of structural formulae; of the arrangement of molecules and bonds; in pharmaceutical substances.)  
*d* Abänderung *f* der chemischen Struktur von Wirkstoffen  
*f* altération *f* de la structure chimique des principes actifs
- p* alteração *f* da estrutura química de princípios ativos
- 314 alteration of the h[a]emogram due to bone marrow damages**  
 (Pharm.)  
 (Ref. to side-effects of sulphonylurea (in glucose level reduction) and sulphonamides (sulpha drugs, in bacteria growth prevention).)  
*d* Blutbildveränderung *f* durch Knochenmarkschäden  
*f* altération *f* du hémogramme par des dommages médullaires des os  
*p* alteração *f* do hemograma por danos na medula óssea
- 315 alteration of the transcellular potassium transport**  
 (Med.)  
 (Can be the cause of low potassium syndrome; see entry: low sodium/potassium syndrome.)  
*d* Veränderung *f* des transzellulären Kaliumtransports  
*f* altération *f* du transport transcellulaire du potassium  
*p* alteração *f* no transporte transcelular de potássio
- 316 alteration process within a pharmaceutical medium**  
 (Prod.)  
 (Pharmaceutical chemistry; Prevention by biologic stabilizers.)  
*d* Veränderungsprozess *m* innerhalb eines pharmazeutischen Mediums  
*f* processus *m* d'altération à l'intérieur d'un milieu pharmaceutique  
*p* processo *m* de alteração dentro de um meio farmacêutico
- 317 alteration reactions**  
 (Prod.)  
 (Pharmaceutical chemistry; ref. to undesirable chemical reactions, promoted by heat etc.)  
*d* Veränderungsreaktionen *fp*  
*f* réactions *fp* l'altération  
*p* reações *fp* l'alteração
- 318 alternation of chemical reactions**  
 (Prod.)  
 (Pharmaceutical processes.)  
*d* Alternanz *f* chemischer Reaktionen; Abwechslung *f* chemischer Reaktionen  
*f* alternance *f* des réactions chimiques  
*p* alternância *f* das reações químicas

- 319 alter v the superficial tension of intestinal gas bubbles**  
(Pharm.)  
(Ref. to a remedy against flatulence e.g. based on dimethicone.)
- d* die Oberflächenspannung der Darmgasblasen verändern; die Oberflächenspannung der intestinalen Blasen verändern
- f* altérer la tension superficielle des bulles des gaz intestinaux
- p* alterar a tensão superficial das bolhas de gás intestinal
- 320 althea**  
(Phyto.)  
("Althaea officinalis L., Malvaceae"; Marshmallow; application: decoction of roots internally as mucous membrane demulcent.)
- d* Althee *f*; Eibisch *m*; Ibisch *m*
- f* althea *m*
- p* altéia *f*
- \* **alum** → **326**
- 321 alum**  
(Prod.)  
(Pharmaceutical chemistry; a double salt, see: aluminium potassium sulphate.)
- d* Alaun *n*
- f* alun *m*
- p* alúmen *m*
- 322 alumin[i]um ammonium sulphate; ammonium alum**  
(Prod.)  
(Pharmaceutical chemistry;  $\text{AlNH}_4(\text{SO}_4)_2 \cdot 12\text{H}_2\text{O}$ ; double salt (see this entry); active principle in medicine: a styptic, a topical astringent.)
- d* Aluminium-Amoniumsulfat *n*; Amoniumalaun *n*
- f* sulfat *m* d'aluminium-ammonium; alun *m* d'ammonium
- p* sulfato *m* de alumínio e amônio; alume *m* de amônio; alúmen *m* de amônio
- 323 alumin[i]um oxide**  
(Prod.)  
( $\text{Al}_2\text{O}_3$ ; alumina; auxiliary in pharmaceutical chemistry/production.)
- d* Aluminiumoxid *n*
- f* oxyde *m* d'aluminium
- p* óxido *m* de alumínio
- 324 alumin[i]um oxide-absorbed bacterial toxin**  
(Prod.)  
(Pharmaceutical technology; antigen preparation in certain vaccines.)
- d* aluminiumoxid-absorbiertes Bakterientoxin *n*
- f* toxine *f* bactérienne absorbée sur l'oxyde d'aluminium
- p* toxina *f* bacteriana absorvida sobre óxido de alumínio
- 325 alumin[i]um oxide lake**  
(Prod.)  
(Colouring agent; auxiliary in pharmaceutical chemistry/production.)
- d* Aluminiumoxid-Pigment *n*
- f* pigment *m* d'oxyde d'aluminium
- p* pigmento *m* de óxido de alumínio
- 326 alumin[i]um potassium sulphate; alum**  
(Prod.)  
(Pharmaceutical chemistry; potassium alum;  $\text{AlK}(\text{SO}_4)_2 \cdot 12\text{H}_2\text{O}$ ; a double salt, see this entry; active principle in medicine: a styptic.)
- d* Aluminium-Kaliumsulfat *n*; Alaun *n*
- f* sulfat *m* d'aluminium-potassium; alun *m*
- p* sulfato *m* de alumínio e potássio; alume *m*; alúmen *m*
- 327 amalgam**  
(Prod.)  
(Pharmaceutical chemistry; a chemical combination, – esp. in the present case: formation of a chemical combination, as a mixture of different elements.)
- d* Amalgam *n*
- f* amalgame *m*
- p* amálgama *m/f*
- 328 amalgamate v**  
(Prod.)
- d* amalgamieren
- f* amalgamer
- p* amalgamar
- 329 amaranth**  
(Prod.)  
( $\text{C}_{20}\text{H}_{11}\text{N}_2\text{Na}_3\text{O}_{10}\text{S}_3$ ; FD&C Red. No.2; a dye; (see Government regulations on behalf). Auxiliary in pharmaceutical chemistry/production.)
- d* Amaranth *n*
- f* amarante *f*
- p* amaranto *m*
- 330 amicrobic adj**  
(Med.)  
(Unrelated to microbes, not related to microbial action.)
- d* nicht durch Mikroben bedingt
- f* amicrobien
- p* não condicionado por micróbios

- 331 amidase**  
(Enz.)  
(Enzymology: An acid amides hydrolyzing enzyme.)  
*d* Amidase *f*  
*f* amidase *f*  
*p* amidase *f*
- 332 amidation**  
(Prod.)  
(Pharmaceutical processes; amide formation; amides are organic compounds, containing the amide group:  $-\text{CO.NH}_2$ .)  
*d* Amidieren *n*  
*f* amidification *f*  
*p* amidação *f*
- 333 amido group**  
(Prod.)  
(Pharmaceutical chemistry;  $(-\text{CONH}_2)$ .)  
*d* Amidogruppe *f*  
*f* groupement *m* amido  
*p* grupo *m* amido
- 334 aminated radicals**  
(Vit.)  
(Ref. to the introduction of amine groups.)  
*d* aminierte Radikale *npl*  
*f* radicaux *mpl* aminés  
*p* radicais *mpl* aminados
- 335 amines**  
(Prod.)  
(Pharmaceutical chemistry; ammonia  $(\text{NH}_3)$  derivatives, e.g. methylamine  $\text{CH}_3\text{NH}_2$ .)  
*d* Amine *npl*  
*f* amines *fpl*  
*p* aminas *fpl*
- 336 aminoacetic acid; glycine; glycoll**  
(Enz.)  
( $\text{C}_2\text{H}_5\text{NO}_2$ ; auxiliary in pharmaceutical production; a nonessential amino acid.)  
*d* Aminoessigsäure *f*; Glycin *n*; Glykol *n*  
*f* acide *m* acétique aminé; glycine *f*; glycolle *m*  
*p* ácido *m* aminoacético; glicina *f*; glicocola *f*
- 337 amino acid**  
(Enz.)  
(Organic, water-soluble compounds, with an amino  $(-\text{NH}_2)$  and carboxyl  $(-\text{COOH})$  group linked to the alfa-carbon atom. Proteins consist of ca. 20 amino acids. Essential a. must be present in the diet.)  
*d* Aminosäure *f*  
*f* aminoacide *m*; acide *m* aminé  
*p* aminoácido *m*
- 338 amino acid catabolism**  
(Vit.)  
(Vitamin in physiology: catabolism is the destructive metabolism with energy liberation; e.g. ref. to vitamin  $\text{B}_2$  biochemistry.)  
*d* Katabolismus *m* der Aminosäuren; Aminosäurenkatabolismus *m*  
*f* catabolisme *m* des acides aminés  
*p* catabolismo *m* dos aminoácidos
- 339 amino acid decarboxylase**  
(Enz.)  
(Decarboxylation (carboxyl removal) accelerating enzyme group. Coenzyme is e.g. pyridoxal.)  
*d* Aminosäuredecarboxylase *f*; Decarboxylase *f* der Aminosäure  
*f* décarboxylase *f* d'acide aminé  
*p* decarboxilase *f* do aminoácido
- 340 amino acid oxidase**  
(Enz.)  
(Enzymology: An amino-oxidation catalyzing enzyme.)  
*d* Aminosäureoxydase *f*  
*f* oxydase *f* d'aminoacide  
*p* oxidase *f* do aminoácido
- 341 amino acids associated by a peptide bond**  
(Enz.)  
(Enzymology; e.g. research.)  
*d* Aminosäuren *fpl* durch eine Peptidbindung zusammengeslossen  
*f* acides *mpl* aminés associés par une liaison peptidique  
*p* aminoácidos *mpl* associados por uma ligação peptídica
- 342 amino acids produced by biological means**  
(Enz.)  
(Biotechnology as applied biological science aimed at industrial exploitation.)  
*d* Aminosäuren *fpl* auf biologischem Wege erzeugt  
*f* acides *mpl* aminés produits par des voies biologiques  
*p* aminoácidos *mpl* produzidos por meios biológicos
- 343 amino-acid transport**  
(Vit.)  
(Accomplished by vitamin  $\text{B}_6$  activity.)  
*d* Aminosäuren-Transport *m*  
*f* transport *m* des acides aminés  
*p* transporte *m* dos aminoácidos



- 344 aminoglycoside antibiotics**  
(Ant.)  
(Aminoglycosides; e.g. streptomycin, neomycins.)  
*d* Aminoglykosidantibiotika *npl*  
*f* antibiotiques-aminoglycosides *mpl*  
*p* antibióticos-aminoglicosídeos *mpl*
- (Pharmaceutical technology; pharmaceutical form for application (by rubbing) on the skin.)  
*d* Ammoniakseifen-Liniment *n*;  
Ammoniakseifen-Einreibemittel *n*  
*f* liniment *m* ammoniacal savonneux  
*p* linimento *m* de sabão amoniacal
- 345 aminoglycosides**  
(Ant.)  
(Antibiotics; e.g. streptomycin (C<sub>21</sub>H<sub>39</sub>N<sub>7</sub>O<sub>12</sub>); neomycin (A: C<sub>12</sub>H<sub>26</sub>N<sub>4</sub>O<sub>6</sub>; B+C: C<sub>29</sub>H<sub>58</sub>N<sub>8</sub>O<sub>16</sub>); gentamicin.)  
*d* Aminoglykoside *npl*  
*f* aminoglycosides *mpl*  
*p* aminoglicosídeos *mpl*
- \* **aminopenicillanic acid** → 346
- 346 6-aminopenicillanic acid; 6-APA; aminopenicillanic acid**  
(Ant.)  
(C<sub>8</sub>H<sub>12</sub>N<sub>2</sub>O<sub>3</sub>S; starting material for synthesis of penicillin derivatives. See entry: antibiotic(s).)  
*d* Amino-6-Penicillansäure *f*  
*f* acide *m* amino 6-pénicillanique  
*p* ácido *m* amino-6-penicilânico
- \* **ammonium alum** → 322
- 351 ammonium nitrate**  
(Prod.)  
(Pharmaceutical chemistry; NH<sub>4</sub>NO<sub>3</sub>, prime material for the production of nitrous oxide, i.e. laughing gas (N<sub>2</sub>O); (coal-sequence chemistry).)  
*d* Ammoniumnitrat *n*; Ammonnitrat *n*;  
Ammonsalpeter *m*  
*f* nitrate *m* d'ammonium  
*p* nitrato *m* de amônio
- 352 amorphous form**  
(Prod.)  
(Pharmaceutical chemistry; product state: uncrystallized form.)  
*d* amorphe Form *f*  
*f* forme *f* amorphe  
*p* forma *f* amorfa
- 353 amorphous form of the active substance**  
(Prod.)  
(Pharmaceutical technology; product characteristic.)  
*d* amorphe Struktur *f* des Wirkstoffes  
*f* structure *f* amorphe du principe actif  
*p* estrutura *f* amorfa da substância ativa
- 347 aminopeptidase**  
(Enz.)  
(Enzymology: Proteolytic (peptides hydrolyzing) enzyme.)  
*d* Aminopeptidase *f*  
*f* aminopeptidase *f*  
*p* aminopeptidase *f*
- 348 aminoprotease**  
(Enz.)  
(Enzymology: A protein-hydrolyzing enzyme.)  
*d* Aminoprotease *f*  
*f* aminoprotéase *f*  
*p* aminoprotease *f*
- \* **aminotransferase** → 6470
- 349 amitosis; direct cellular nucleus division**  
(Cyt.)  
(Division of the nucleus by constriction into two (bipartition) without mitosis.)  
*d* Amitose *f*; direkte Teilung *f* des Zellkerns  
*f* amitose *f*; division *f* directe du noyau de la cellule  
*p* amitose *f*; divisão *f* direta do núcleo celular
- 354 amorphous molecular form**  
(Prod.)  
(Pharmaceutical technology; e.g. active substance characteristic.)  
*d* amorphe Molekularform *f*  
*f* forme *f* moléculaire amorphe  
*p* forma *f* molecular amorfa
- 355 amphetamine**  
(Prod.)  
(C<sub>9</sub>H<sub>13</sub>N; amphetamine sulphate; medicamentous substance; stimulant of the central nervous system; see entry: "stimulant; stimulant drug".)  
*d* Amphetamin *n*  
*f* amphétamine *f*  
*p* anfetamina *f*
- \* **amphipathic surfactant** → 356
- 350 ammonia soap liniment**  
(Prod.)

- 356 amphiphilic surfactant; amphipathic surfactant**  
(Prod.)  
(Pharmaceutical technology; surfactant having both, hydrophilic and lipophilic properties.)  
*d* amphipatisches Tensid *n*  
*f* tensioactif *m* amphiphile  
*p* tensoativo *m* amfillico
- 357 amphoteric adj**  
(Prod.)  
(Pharmaceutical chemistry; a substance which can act as an acid and as a base, e.g. aluminium hydroxide.)  
*d* amphoter  
*f* amphotère  
*p* anfótero
- 358 amphotericin B**  
(Prod.)  
(Pharmaceutical technology; C<sub>46</sub>H<sub>73</sub>NO<sub>20</sub>; an antibiotic; a polyene antibiotic; origin: septomycete culture; medicamentous substance against mycotic infections; see entry "antimycotic adj").  
*d* Amphotericin B *n*  
*f* amphotéricine B *f*  
*p* amfotericina B *f*
- 359 amphoteric surfactant**  
(Prod.)  
(Pharmaceutical technology; amphoteric property: reacting as an acid and as a base.)  
*d* amphoterisches Tensid *n*  
*f* tensioactif *m* amphotère  
*p* tensoativo *m* anfótero
- 360 ampicillin**  
(Ant.)  
(C<sub>16</sub>H<sub>19</sub>N<sub>3</sub>O<sub>4</sub>S; an amino-penicillin.)  
*d* Ampicillin *n*  
*f* ampicilline *f*  
*p* ampicilina *f*
- 361 amplification of the hormonal signal**  
(Horm.)  
(Hormone biochemistry; by various interactions of protein G and GTP etc.)  
*d* Erweiterung *f* des Hormonsignals  
*f* amplification *f* du signal hormonal  
*p* amplificação *f* do sinal hormonal
- 362 amylaceous adj**  
(Prod.)  
(Pharmaceutical chemistry; starch containing substance.)  
*d* stärkehaltig
- f* amylacé  
*p* amiláceo
- 363 amylc fermentation**  
(Enz.)  
(Biotechnology; ref. to amyl alcohol production from cane sugar.)  
*d* Amylgärung *f*  
*f* fermentation *f* amylique  
*p* fermentação *f* amilica
- 364 anabolic effect; protein-anabolic effect**  
(Horm.)  
(Ref. to the effect of androgens, synthetic male sex hormones.)  
*d* anabole Wirkung *f*;  
eiweißaufbauende Wirkung *f*; proteinanabole Wirkung *f*  
*f* effet *m* anabolique; effet *m* proteino-anabolique  
*p* efeito *m* anabólico; efeito *m* proteino-anabólico
- 365 anabolic properties**  
(Horm.)  
(E.g. ref. to synthetic male sex hormones.)  
*d* anabole Eigenschaften *fpl*  
*f* propriétés *fpl* anabolisantes  
*p* propriedades *fpl* anabólicas
- 366 anabolic steroid**  
(Horm.)  
(Ref. to synthetic, metabolism increasing hormones.)  
*d* eiweißaufbauendes Steroid *n*; proteinanaboles Steroid *n*  
*f* stéroïde *m* anabolisant  
*p* esteróide *m* anabólico
- 367 anabolism**  
(Enz.)  
(Synthesis of complex, e.g. protein-molecules.)  
*d* Anabolismus *m*; Aufbaustoffwechsel *m*  
*f* anabolisme *m*  
*p* anabolismo *m*
- 368 anabolism/catabolism-regulation by the vitamin B group**  
(Vit.)  
(Anabolism: protein/fat-synthesis; catabolism: substance decomposition with energy release; said to be influenced by these vitamins.)  
*d* Regulierung *f* des Anabolismus/Katabolismus durch die Vitamin B-Gruppe; Steuerung *f* des Anabolismus/Katabolismus durch die Vitamin B-Gruppe

- f* régulation *f* de l'anabolisme/catabolisme par les vitamines du groupe B  
*p* regulação *f* do anabolismo/catabolismo pelas vitaminas do grupo B
- 369 anaerobe**  
 (Med.)  
 (Microbe capable of living in the absence of free oxygen (compare aerobe).)  
*d* Anaerob *n*  
*f* anaérobie *m*  
*p* anaeróbio *m*
- 370 anaerobic dehydrogenase**  
 (Enz.)  
 (Dehydrogenase: oxidoreductase; an enzyme catalysing oxidation-reduction reactions in the human body.)  
*d* anaerobe Dehydrogenase *f*; anaerobe Dehydrase *f*  
*f* déshydrogénase *f* anaérobic; déhydrase *f* anaérobic  
*p* desidrogenase *f* anaeróbica
- 371 anaerobic hydrolysis**  
 (Vit.)  
 (Ref. to vitamin biochemistry.)  
*d* anaerobe Hydrolyse *f*  
*f* hydrolyse *f* anaérobic  
*p* hidrólise *f* anaeróbica
- 372 anaerobic metabolism**  
 (Vit.)  
 (Ref. to vitamin biochemistry.)  
*d* anaerobe Stoffwechsel *m*  
*f* metabolism *m* anaérobic  
*p* metabolismo *m* anaeróbico
- 373 anaerobiosis**  
 (Med.)  
 (Life without free oxygen.)  
*d* Anaerobiose *f*  
*f* anaérobiose *f*  
*p* anaerobiose *f*
- 374 anaerobi[oti]c fermentation**  
 (Enz.)  
 (Biotechnology; fermentation process; e.g. alcoholic fermentation: ethylalcohol production by hexoses through enzyme activity of yeast.)  
*d* anaerobe Gärung *f*  
*f* fermentation *f* anaérobic  
*p* fermentação *f* anaeróbica
- 375 anaerobi[oti]c fermentation in biotechnology**  
 (Enz.)  
 (Fermentation-type in biotechnology aimed at the production of substances for industrial exploitation.)  
*d* anaerobe Gärung *f* in der Biotechnologie  
*f* fermentation *f* anaérobic en biotechnologie  
*p* fermentação *f* anaeróbica na biotecnologia
- 376 anaerobism**  
 (Med.)  
 (Ability to live without free oxygen.)  
*d* Anaerobismus *m*  
*f* anaérobisme *m*  
*p* anaerobismo *m*
- 377 anaesthetic**  
 (Prod.)  
 (Anaesthesia producing medicinal drug.)  
*d* Narkosemittel *n*  
*f* anesthésique *m*; médicament *m* anesthésique  
*p* anestésico *m*; medicamento *m* anestésico
- 378 anal cleft**  
 (Anat.)  
 (Body part.)  
*d* Afterfurche *f*  
*f* sillon *m* inter-fessier  
*p* sulco *m* glúteo
- 379 analeptic medicinal drug**  
 (Prod.)  
 (Medicament for the stimulation of the central nervous system.)  
*d* stimulierendes Kreislaufmittel *n*; anregendes Kreislaufmittel *n*; Anregungsmittel *n*  
*f* médicament *m* analéptique; stimulant *m*  
*p* medicamento *m* analéptico; estimulante *m*
- 380 analgesia; suppression of sensibility to pain**  
 (Pharm.)  
 (Pharmacodynamic action of analgesics.)  
*d* Analgesie *f*; Schmerzunempfindlichkeit *f*  
*f* analgésie *f*; suppression *f* de la sensibilité à la douleur  
*p* analgesia *f*; supressão *f* da sensibilidade à dor
- 381 analgesic; analgetic**  
 (Prod.)  
 (Analgesic (analgetic) medicament, pain relieving medicinal drug.)  
*d* Analgetikum *n*; schmerzstillendes Medikament *n*; schmerzlinderndes Mittel *n*; schmerzstillendes Mittel *n*  
*f* analgésique *m*; médicament *m* analgétique  
*p* analgésico *m*; medicamento *m* analgético
- 382 analgesic activity**  
 (Pharm.)  
 (Pain-relieving effect, e.g. ibuprofen (nonsteroidal drug: C<sub>13</sub>H<sub>18</sub>O<sub>2</sub>)).

- d* schmerzlindernde Wirkung *f*;  
schmerzstillende Wirkung *f*  
*f* action *f* analgésique  
*p* ação *f* analgésica
- 383 analgesic prevents/reduces postoperative pain**  
(Pharm.)  
(Ref. to pharmacodynamic characteristic of certain analgesic active principles.)
- d* Analgetikum *n* verhindert/reduziert den postoperativen Schmerz; Analgetikum *n* verhindert/verringert den postoperativen Schmerz  
*f* analgésique *m* inhibe/réduit la douleur postopératoire  
*p* analgésico *m* evita/reduz a dor pós-operatória
- 384 analgesics combined with opiates**  
(Pharm.)  
(Ref. to combined pharmacodynamic action of analgesics; this combination may eventually reduce the quantity of opiates necessary in therapeutics.)
- d* Analgetika *npl* zusammen mit Opiaten; Analgetika *npl* kombiniert mit Opiaten  
*f* analgésiques *mpl* et médicaments opiacés combinés  
*p* analgésicos *mpl* em combinação com opiáceos
- \* **analgetic** → 381
- 385 analgetics inhibit the cyclooxygenase, thus avoiding pain-transmitting prostaglandines**  
(Pharm.)  
(Inhibition of the release of pain-transmitting prostaglandines; see also entry: cyclooxygenase.)
- d* Analgetika *npl* hemmen die Cyclooxygenase, somit die schmerzvermittelnden Prostaglandine vermeidend  
*f* analgésiques *mpl* inhibent la cyclooxygénase donc évitent les prostaglandines transmetteurs de la douleur  
*p* analgésicos *mpl* inibem la ciclo-oxigenase evitando assim as prostaglandinas transmissoras da dor
- 386 analogous biochemical structure**  
(Enz.)  
(Structure definition in e.g. biotechnology.)
- d* analoge biochemische Struktur *f*  
*f* structure *f* biochimique analogique  
*p* estrutura *f* bioquímica análoga
- 387 analogous structures of a certain vitamin**  
(Vit.)
- (Vitamin biochemistry.)
- d* analoge Strukturen *fpl* eines gewissen Vitamins; gleichartige Strukturen *fpl* eines gewissen Vitamins  
*f* structures *fpl* analogiques d'une certaine vitamine  
*p* estruturas *fpl* análogas de uma certa vitamina
- \* **analogy** → 1601
- 388 analysis of variance**  
(Prod.)  
(Pharmaceutical technology; analytical process.)
- d* Variantenanalyse *f*; Abweichungsanalyse *f*  
*f* analyse *f* de variance  
*p* análise *f* de variantes; análise *f* das variações
- 389 analytical control**  
(Prod.)  
(Pharmaceutical technology; in tableting; verification of substances as e.g. the "active principle", see entry.)
- d* Analysenkontrolle *f*  
*f* contrôle *m* analytique  
*p* controle *m* analítico
- 390 analytical techniques**  
(Prod.)  
(In pharmaceutical technology.)
- d* analytische Methoden *fpl*;  
Analysemethoden *fpl*  
*f* techniques *fpl* de l'analyse  
*p* técnicas *fpl* analíticas; métodos *mpl* de análise
- 391 analytic chemistry**  
(Prod.)  
(Ref. to pharmaceutical chemistry.)
- d* analytische Chemie *f*  
*f* chimie *f* analytique  
*p* química *f* analítica
- 392 anaphase**  
(Cyt.)  
(Third mitosis phase; between the metaphase and telophase, where the chromatids and the chromosomes separate, with migration of the chromosomes to the two poles of the spindle.)
- d* Anaphase *f*  
*f* anaphase *f*  
*p* anáfase *f*
- 393 anasarca**  
(Vit.)  
(Vitamin deficiency; swelling of the trunk etc. due to fluid retention e.g. in heart- and kidney failure, can be due to vitamin B<sub>1</sub> deficiency.)

- d* Anasarka *n*; Wassersucht *f* des Unterhautgewebes  
*f* anasarque *f*; hydropsie *f* du tissu cellulaire  
*p* anasarca *f*; hidropisia *f* do tecido celular
- 394 anatomical duct**  
 (Anat.)  
 (Anatomical passage in the body: e.g. cochlear duct.)  
*d* anatomischer Gang *m*; anatomischer Kanal *m*  
*f* conduit *m* anatomique  
*p* conduto *m* anatômico; ducto *m* anatômico; canal *m* anatômico
- 395 anchorage for proteins**  
 (Horm.)  
 (Hormone biochemistry; ref. to hormone/receptor cell activity.)  
*d* Verankerungsort *m* der Proteine  
*f* site *m* d'ancrage pour les protéines  
*p* ancoradouro *m* para proteínas
- 396 anchoring of the medicamentous molecule on its receptor site**  
 (Mol.)  
 (Ref. to research and development of active principles, of drugs; ref. to fixation probability/possibility of the molecule.)  
*d* Verankerung *f* des medikamentösen Moleküls an seinem Rezeptor-Sitz  
*f* ancrage *m* de la molécule médicamenteuse à son siège récepteur  
*p* ancoragem *f* da molécula medicamentosa no seu local-receptor
- 397 androgen**  
 (Horm.)  
 (Male steroid hormone, e.g. testosterone (C<sub>19</sub>H<sub>28</sub>O<sub>2</sub>)).  
*d* Androgen *n*  
*f* androgène *m*  
*p* androgênio *m*
- 398 androgenic hormones**  
 (Horm.)  
 (Ref. to androgen; see this entry.)  
*d* androgene Hormone *npl*  
*f* hormones *fpl* androgènes; hormones *fpl* androgéniques  
*p* hormônios *mpl* andrógenos
- 399 androgen is a male hormonal substance**  
 (Horm.)  
 (Belonging to the steroid hormone group; e.g. testosterone, androsterone.)  
*d* Androgen *n* ist eine männliche hormonale Substanz  
*f* androgène *m* est une substance hormonale
- m*âle  
*p* androgênio *m* é uma substância hormonal masculina
- 400 androgens are produced in the Leydig interstitial cells**  
 (Horm.)  
 (Origin of androgens in the testis cells; as to German anatomist F. von Leydig (1821–1908).)  
*d* Androgene *npl* werden in den Leydig-Zwischenzellen gebildet  
*f* androgènes *mpl* sont produites dans les cellules interstitielles de Leydig  
*p* androgênios *mpl* são produzidos nas células intersticiais de Leydig
- 401 androgens provoke the development of secondary male sex characters**  
 (Horm.)  
 (Ref. e.g. to testosterone, a steroid hormone (C<sub>19</sub>H<sub>28</sub>O<sub>2</sub>); male sex hormone; androgen.)  
*d* Androgene *npl* bewirken die Ausprägung sekundärer männlicher Geschlechtsmerkmale  
*f* androgènes *mpl* provoquent le développement des caractères sexuels secondaires masculins  
*p* androgênios *mpl* provocam o desenvolvimento dos caracteres sexuais secundários masculinos
- 402 androsterone**  
 (Horm.)  
 (C<sub>19</sub>H<sub>30</sub>O<sub>2</sub>; male sex hormone, a steroid hormone, testosterone derivative, having an inferior androgenic activity)  
*d* Androsteron *n*  
*f* androstérone *f*  
*p* androsterona *f*
- 403 aneuploid** *adj*  
 (Enz.)  
 (Having a chromosome structure which is not a normal diploid, neither a multiple of this one.)  
*d* aneuploid  
*f* aneuploïde  
*p* aneuplóide
- 404 aneurine hydrochloride**  
 (Vit.)  
 (Vitamin technology; thiamine hydrochloride, Vitamin B<sub>1</sub> hydrochloride.)  
*d* Aneurinhydrochlorid *n*  
*f* hydrochlorure *m* de l'aneurine  
*p* hidrocloroeto *m* de aneurina

- 405 angelica tincture**  
(Phyto.)  
("Angelica archangelic L., Umbelliferae".  
Use: carminative; diuretic.)  
*d* Engelwurz-Tinktur *f*; Angelika-Auszug *m*  
*f* teinture *f* de l'angélique  
*p* tintura *f* de angélica
- 406 angiotensin**  
(Horm.)  
(Angiotensin, blood-vessel constriction  
causing blood-protein; aldosterone-secretion  
promoting; blood pressure rising effect.)  
*d* Angiotensin *n*  
*f* angiotensine *f*  
*p* angiotensina *f*
- 407 angiotensin converting enzyme; ACE**  
(Enz.)  
(A proteolytic (protein-downbreaking)  
enzyme, converting the inactive form of  
angiotensin into its active form with  
vasoconstrictive properties.)  
*d* Angiotensin *n* umwandelndes Enzym  
*f* enzyme *f* de conversion de l'angiotensine  
*p* enzima *f* de conversão da angiotensina
- 408 angiotensin II; AII**  
(Horm.)  
(One of two forms of polypeptide (kinin)  
hormones; with vasoconstrictive- and table  
salt-(sodium chloride-)retention activity.)  
*d* Angiotensin *n* II  
*f* angiotensine *f* II  
*p* angiotensina *f* II
- 409 angiotensin influences the feeling of thirst**  
(Horm.)  
(Effects of peripheric hormones, see also this  
entry.)  
*d* Angiotensin *n* beeinflusst das Durstgefühl  
*f* angiotensine *f* influence la sensation de la soif  
*p* angiotensina *f* influencia a sensação de sede
- 410 angiotensin inhibitors**  
(Horm.)  
(ACE = "angiotensin converting enzyme", see  
this entry; these inhibitors reduce angiotensin  
II disponibility.)  
*d* ACE-Hemmstoffe *mpl*  
*f* inhibiteurs *mpl* de l'ECA  
*p* inibidores *mpl* de la ECA
- 411 angiotensin is a peptidic hormone**  
(Horm.)  
(See entries: "angiotensin I" and "angiotensin  
II".)  
*d* Angiotensin *n* ist ein Peptidhormon  
*f* angiotensine *f* est une hormone peptidique  
*p* angiotensina *f* é um hormônio peptídico
- 412 angiotensin I is a renal hormone**  
(Horm.)  
(Hormone biochemistry; hormone  
physiology.)  
*d* Angiotensin *n* I ist ein Nierenhormon  
*f* angiotensine *f* I est une hormone rénale  
*p* angiotensina *f* I é um hormônio renal
- 413 angiotensin is elaborated by the action of  
specific enzymes**  
(Horm.)  
(Hormone biochemistry; hormone  
physiology.)  
*d* Angiotensin *n* entwickelt sich durch die  
Wirkung spezifischer Enzyme  
*f* angiotensine *f* est formée par l'action  
d'enzymes spécifiques  
*p* angiotensina *f* é formada pela ação de enzimas  
específicas
- 414 angiotensin II with hypertensive action**  
(Horm.)  
(See entry: "angiotensin II".)  
*d* Angiotensin *n* II mit hypertonischer Wirkung;  
Angiotensin II *n* mit blutdruckerhöhender  
Wirkung  
*f* angiotensine *f* II d'action hypertensive  
*p* angiotensina *f* II de ação hipertensiva
- 415 angle of incidence**  
(Prod.)  
(Pharmaceutical chemistry; Brewster-angle,  
as to British physicist D. Brewster, 1781-  
1868; (Brewster's Law) angle of incidence;  
see entry: polarization angle of the light.)  
*d* Einfallswinkel *m*  
*f* angle *m* d'incidence  
*p* ângulo *m* incidente
- 416 anhydrous adj**  
(Prod.)  
*d* wasserfrei  
*f* anhydre  
*p* anidro  
  
\* **anhydrous alcohol** → 2439
- 417 anhydrous lactose**  
(Prod.)  
(C<sub>12</sub>H<sub>22</sub>O<sub>11</sub>; milk sugar; additive in  
pharmaceutical chemistry.)  
*d* wasserfreie Laktose *f*; wasserfreier  
Milchzucker *m*  
*f* lactose *f* anhydre  
*p* lactose *f* anidra

- 418 anhydrous substance**  
(Pharmaceutical chemistry; ref. to a chemical compound without water content.)  
*d* wasserfreie Substanz *f*  
*f* substance *f* anhydre  
*p* substância *f* anidra
- 419 anhydrous vitamin**  
(Vit.)  
(Vitamin technology; solvent for this vitamin is oil.)  
*d* wasserfreies Vitamin *n*  
*f* vitamine *f* anhydre  
*p* vitamina *f* anidra  
  
\* **aniacinosis** → 4327
- 420 animal cell**  
(Anat.)  
(Unit of animal and human structure.)  
*d* tierische Zelle *f*  
*f* cellule *f* animale  
*p* célula *f* animal
- 421 animal kingdom**  
(Ref. to animal classification.)  
*d* Tierreich *n*  
*f* règne *m* animal  
*p* reino *m* animal
- 422 animal/plant cell**  
(Enz.)  
(Biological science.)  
*d* Tier-/Pflanzenzelle *f*  
*f* cellule *f* animale/végétale  
*p* célula *f* animal/vegetal
- 423 animal protein factor**  
(Vit.)  
(Ref. to Vitamin B<sub>12</sub>-factor, absent in vegetable feed.)  
*d* Tierproteinfaktor *m*  
*f* facteur *m* protéique animale; facteur *m* de protéine animale  
*p* fator *m* protéico animal
- 424 animal protein in nutrition**  
(Enz.)  
(Essential constituent of the body; see entry: protein.)  
*d* Tierprotein *n* in der Nahrung  
*f* protéine *f* animale dans la nourriture  
*p* proteína *f* animal na alimentação
- 425 animal/vegetable homeopathic mother tincture**  
(Homoeop.)  
(Hom[o]eopathic prime material form.)  
*d* homöopathische Muttertinktur *f*  
tierischer/pflanzlicher Herkunft  
*f* teinture *f* mère homéopathique animale/végétale  
*p* tintura-mãe *f* homeopática de origem animal/vegetal
- 426 animal/vegetable protein**  
(Enz.)  
(Enzymology; proteins as to their origin.)  
*d* tierisches/pflanzliches Protein *n*;  
tierisches/pflanzliches Eiweiß *n*  
*f* protéine *f* animale/végétale  
*p* proteína *f* animal/vegetal
- 427 anion**  
(Mol.)  
(A negatively charged ion.)  
*d* Anion *n*  
*f* anion *m*  
*p* anion *m*; anionte *m*
- 428 anion-cation concentration**  
(Prod.)  
(In pharmaceutical processes.)  
*d* Anion-Kation-Konzentration *f*  
*f* concentration *f* de l'anion-cation  
*p* concentração *f* do anion-cátion
- 429 anionic detergent**  
(Prod.)  
(Pharmaceutical technology; a detergent having as active constituent a negative ion (e.g. like soap).)  
*d* anionisches Detergens *n*  
*f* détergent *m* anionique  
*p* detergente *m* aniônico
- 430 anionic surfactant solution**  
(Prod.)  
(Pharmaceutical technology; a detergent having as active constituent a negative ion, (e.g. like soap); see also entry: anionic detergent.)  
*d* anionische Tensidlösung *f*  
*f* solution *f* tensioactive anionique  
*p* solução *f* de tensoativo aniônica
- 431 anions as essential elements; anions as essential minerals**  
(Mol.)  
(Necessary for the organism, intake with foodstuffs: (see respect. entry: cations) chloride, fluoride, iodide, phosphate.)  
*d* Anionen *npl* als essentielle Elemente;  
Anionen *npl* als essentielle Mineralstoffe

- f* anions *mpl* comme éléments essentiels;  
anions *mpl* comme minéraux essentiels  
*p* anions *mpl* como elementos essenciais;  
ânions *mpl* como minerais essenciais
- \* **anions as essential minerals** → 431
- 432 anise**  
(Phyto.)  
("Pimpinella anisum L., Umbelliferae";  
medicinal herb: carminative.)  
*d* Anis *m*  
*f* anis *m*  
*p* anis *m*
- 433 anitrogenous** *adj*  
(Prod.)  
(Pharmaceutical chemistry; free from nitrogen  
(N).)  
*d* stickstofffrei  
*f* anitrogène  
*p* isento de nitrogênio
- 434 ankle**  
(Anat.)  
(Body part, of the foot.)  
*d* Fußgelenk *n*; Knöchel *m*  
*f* articulation *f* du pied; cheville *f* du pied  
*p* tornozelo *m*
- 435 anodyne; pain-soothing** *adj*  
(Pharm.)  
(Pharmacodynamic property; to drug  
characteristic.)  
*d* schmerzstillend  
*f* anodin; calmant la douleur  
*p* anódino; antálgico; mitigando a dor
- 436 anodyne medicaments; pain-soothing drugs**  
(Pharm.)  
(Pharmacodynamic property; drug  
characteristic.)  
*d* schmerzstillende Arzneimittel *npl*  
*f* remèdes *mpl* anodins  
*p* remédios *mpl* anódinos; medicamentos *mpl*  
antálgicos
- 437 antacid**  
(Prod.)  
(Pharmaceutical technology; a pharmaceutical  
presentation form; remedy against excessive  
gastric acid.)  
*d* Antazidum *n*; magensäurebindendes Mittel *n*;  
magensäureabstumpfendes Mittel *n*  
*f* médicament *m* antiacide  
*p* antiácido *m*
- 438 antacid for neutralization of gastric**
- hyperacidity**  
(Pharm.)  
(Drug based e.g. on sodium bicarbonate  
(NaHCO<sub>3</sub>), magnesium carbonate (MgCO<sub>3</sub>)  
etc, neutralizing gastric acid.)  
*d* Antazidum *n* zur Neutralisierung der  
Magenübersäuerung  
*f* médicament *m* antiacide pour la neutralisation  
de l'hyperacidité gastrique  
*p* antiácido *m* para neutralização da hiperacidez  
gástrica
- 439 antacid suspension**  
(Prod.)  
(Pharmaceutical technology; a pharmaceutical  
presentation form; remedy against gastric  
hyperacidity.)  
*d* Suspension *f* eines Antazidums  
*f* suspension *f* d'un médicament antiacide  
*p* suspensão *f* de um antiácido
- 440 antagonist**  
(Prod.)  
(Pharmaceutical technology; ref. to a drug  
having opposite action to that of another drug  
or to a body substance.)  
*d* Antagonist *m*; Gegenprodukt *n*;  
Gegenspieler *m*  
*f* antagoniste *m*  
*p* antagonista *m*
- 441 antagonistic effect of an antibiotic  
combination**  
(Ant.)  
(Ref. to the way of antibiotic activity on  
bacteria.)  
*d* antagonistische Wirkung *f* einer  
antibiotischen Kombination  
*f* effet *m* antagoniste d'une association  
antibiotique  
*p* efeito *m* antagonista de uma combinação  
antibiótica; efeito *m* antagonístico de uma  
combinação antibiótica
- 442 antagonize v the effects of histamines**  
(Pharm.)  
(Ref. to the activity of antihistamines.)  
*d* Wirkung der Histamine antagonisieren  
*f* contre-agir à les effets des histamines  
*p* antagonizar os efeitos da histaminas
- 443 antenatal toxicity**  
(Med.)  
(Ref. to toxological studies with  
pharmaceutical and chemical substances;  
prenatal; period of pregnancy.)  
*d* pränatale Toxizität *f*; der Geburt  
vorausgehende Giftigkeit *f*



- f* toxicité *f* prénatale  
*p* toxicidade *f* pré-natal
- 444 anterior lobe of the pituitary gland; adenohypophysis**  
 (Horm.)  
 (Thyrotropic hormone-producing site, thyroid gland stimulating hormone called: thyrotrop(h)in (TSH).)  
*d* Hypophysenvorderlappen *m*;  
 Adenohypophyse *f*  
*f* lobe *m* antérieur de l'hypophyse;  
 adénohypophyse *f*  
*p* lobo *m* anterior da hipófise
- 445 anthocyan**  
 (Phyto.)  
 (Anthocyanin; plant heteroside (see entry: heteroside) used as agent for vascular (small blood vessels) protection.)  
*d* Anthocyan *n*  
*f* anthocyane *f*  
*p* antociana *f*
- 446 antiallergic remedy**  
 (Prod.)  
 (Antihistamine; against allergy: hypersensitivity to particular antigens (allergens).)  
*d* antiallergisches Mittel *n*; Antihistamin *n*  
*f* remède *m* antiallérgique  
*p* remédio *m* antialérgico
- 447 antialopepic vitamin**  
 (Vit.)  
 (Alopecia: loss of hair; ref. to inositol: C<sub>6</sub>H<sub>12</sub>O<sub>6</sub>; med. use also in hypercholesterolemia.)  
*d* Antialopezievitamin *n*  
*f* vitamine *f* antialopécique  
*p* vitamina *f* antialopéica
- 448 antiandrogen**  
 (Horm.)  
 (Substances acting against the male sex hormone testosterone.)  
*d* Antiandrogen *n*  
*f* antiandrogène *m*  
*p* antiandrogênio *m*
- 449 antianemic fraction of the liver**  
 (Anat.)  
 (Ref. to liver structure.)  
*d* antianemischer Leberteil *m*  
*f* fraction *f* antianémique du foie  
*p* fração *f* antianêmica do fígado
- 450 antiarrhythmic drugs**  
 (Prod.)  
 (In cardiology; e.g.: sodium-channel inhibitor substance; see also this entry.)  
*d* Antiarrhythmika *npl*  
*f* médicaments *mpl* antiarythmiques  
*p* medicamentos *mpl* anti-arritmia
- 451 antiarteriosclerotic medicinal drug; medication against arteriosclerosis**  
 (Prod.)  
 (Arteriosclerosis: hardening of the arterial walls.)  
*d* antiarteriosklerotisches Medikament *n*;  
 Arzneimittel *n* gegen Arterienverhärtung  
*f* médicament *m* antiartériosclérotique  
*p* medicamento *m* contra arteriosclerose;  
 medicamento *m* contra esclerose arterial
- 452 antiasthma remedy**  
 (Prod.)  
 (Asthma: attacks of bronchospasm.)  
*d* Asthmamittel *n*  
*f* remède *m* antiasthmatique  
*p* remédio *m* antiasmático
- 453 antibacterial adj**  
 (Ant.)  
 (Quality of being effective against bacteria.)  
*d* antibakteriell  
*f* antibactérien  
*p* antibacteriano
- 454 antibacterial activity**  
 (Prod.)  
 (Ref. to active principles in pharmaceutical chemistry/production.)  
*d* antibakterielle Aktivität *f*  
*f* activité *f* antibactérienne  
*p* atividade *f* antibacteriana
- 455 antibacterial antibiotics**  
 (Ant.)  
 (Ref. to activity against bacteria, however not against parasitic fungi.)  
*d* antibakterielle Antibiotika *npl*  
*f* antibiotiques *mpl* antibactériens  
*p* antibióticos *mpl* antibacterianos
- 456 anti-beriberi vitamin B<sub>1</sub>**  
 (Vit.)  
 (Vitamin B<sub>1</sub>; thiamine; glucose-utilization regulator in the human body.)  
*d* Antiberiberivitamine *f* B<sub>1</sub>  
*f* vitamine *f* B<sub>1</sub> anti-beribérique  
*p* vitamina *f* B<sub>1</sub> anti-beribérica
- 457 antibiotherapy; therapy with antibiotics**  
 (Ant.)  
 (Ref. to antibiotics in treatments.)

- d* Antibiotherapie *f*; antibiotische Therapie *f*  
*f* antibiothérapie *f*; thérapeutique *f* par les antibiotiques  
*p* antibioterapia *f*; terapia *f* com antibióticos
- 458 antibiotic adj**  
 (Ant.)  
 (Ref. to antibiotics, medicamentous substances which destroy microorganisms.)  
*d* antibiotisch  
*f* antibiotique  
*p* antibiótico
- 459 antibiotic (antibiotics *pl*)**  
 (Prod.)  
 (Active principle of natural origin; medicamentous molecule; bacterial culture molecule, able to kill another microorganism; biotechnology.)  
*d* Antibiotikum *n*; Antibiotika *npl*  
*f* antibiotique(s) *m (mpl)*  
*p* antibiótico(s) (*pl*)
- 460 antibiotic activity**  
 (Ant.)  
 (Ref. to certain active principles, used in the treatment of bacterial/fungal infections.)  
*d* antibiotische Wirksamkeit *f*  
*f* activité *f* antibiotique  
*p* atividade *f* antibiótica
- 461 antibiotic curative effect; curative effect of an antibiotic**  
 (Ant.)  
 (Antibiotics; e.g. in antibiotherapy.)  
*d* antibiotische Heilwirkung *f*; heilende Wirkung *f* eines Antibiotikums  
*f* effet *m* curatif antibiotique; effet *m* curatif d'un antibiotique  
*p* efeito *m* curativo antibiótico; efeito *m* curativo de um antibiótico
- 462 antibiotic drug with delayed elimination effect**  
 (Ant.)  
 (Final product combination: active principle combined with an auxiliary product having this effect.)  
*d* antibiotisches Arzneimittel *n* mit verzögertem Ausscheidungseffekt  
*f* médicament *m* antibiotique ayant un effet d'élimination retardée  
*p* medicamento *m* antibiótico com efeito de eliminação retardada
- 463 antibiotic eye drops**  
 (Ant.)  
 (Antibiotic drug for ophthalmic treatment.)
- d* antibiotische Augentropfen *mpl*  
*f* collyre *m* antibiotique  
*p* colírio *m* antibiótico
- 464 antibiotic fraction bound on proteins**  
 (Ant.)  
 (This bound form prolongs medicamentous action in antibiotherapy.)  
*d* proteingebundene Antibiotikumsfraktion *f*  
*f* fraction *f* antibiotique liée aux protéines  
*p* fração *f* antibiótica ligada às proteínas
- 465 antibiotic fraction not bound to the proteins; free antibiotic fraction**  
 (Ant.)  
 (Ref. to the unbound antibiotic fraction, not bound to the plasma proteins; these are the instantly active forms due to diffusion capability.)  
*d* protein-ungebundene Antibiotikumsfraktion *f*; freie Antibiotikumsfraktion *f*  
*f* fraction *f* antibiotique non liée aux protéines; fraction *f* antibiotique libre  
*p* fração *f* antibiótica não ligada às proteínas; fração *f* antibiótica livre
- 466 antibiotic lyophilisate for injection**  
 (Ant.)  
 (Preparation of an antibiotic.)  
*d* antibiotisches Lyophilisationsprodukt *n* für Injektionszwecke  
*f* antibiotique *m* de lyophilisation pour injection; antibiotique *m* de lyophilisation destiné à injection  
*p* antibiótico *m* de liofilização para injeção; antibiótico *m* de liofilização destinado à injeção
- 467 antibiotic molecules from bacterial culture**  
 (Ant.)  
 (Origin of antibiotics in biotechnology.)  
*d* Antibiotik-Moleküle *npl* aus Bakterienkultur  
*f* molécules *fpl* antibiotiques de culture bactérienne  
*p* moléculas *fpl* antibióticas da cultura bacteriana
- 468 antibiotic must reach the target molecule**  
 (Ant.)  
 (Ref. to antibiotic activity in bacteria via the bacterial target-molecule, to produce bacterial disorganization.)  
*d* Antibiotikum *n* muß das Zielmolekül erreichen  
*f* antibiotique *m* doit atteindre la cible moléculaire  
*p* antibiótico *m* tem que alcançar o alvo molecular

- 469 antibiotic of a molecule of natural origin however having undergone modifications afterwards**  
(Ant.)  
(Biotechnology; elaboration of a semisynthetic drug.)  
*d* Antibiotikum *n* eines Moleküls natürlichen Ursprungs jedoch darauffolgend Modifikationen unterzogen  
*f* antibiotique *m* de molécule d'origine naturelle toutefois postérieurement ayant subi des modifications  
*p* antibiótico *m* de molécula de origem natural tendo sido porém submetida à modificações posteriormente
- 470 antibiotic ophthalmic ointment**  
(Ant.)  
(E.g. on basis of gentamicin, a broad spectrum antibiotic.)  
*d* antibiotische Augensalbe *f*  
*f* pommade *f* ophthalmique antibiotique  
*p* pomada *f* oftálmica antibiótica
- 471 antibiotic property**  
(Ant.)  
(Ref. to active principles able to counteract the growth of microorganisms.)  
*d* antibiotische Eigenschaft *f*  
*f* qualité *f* antibiotique  
*p* característica *f* antibiótica
- 472 antibiotic-resistant adj**  
(Ant.)  
(Antibiotics in therapy: ref. to bacterial resistance.)  
*d* widerstandsfähig gegen Antibiotika  
*f* résistant aux antibiotiques  
*p* resistente aos antibióticos
- 473 antibiotic-resistant bacterial mutant**  
(Ant.)  
(Ref. to mutants, which are bacteria modified in their characteristics by mutation processes and thus different from the individuals of the original species.)  
*d* antibiotikumresistenter Bakterienmutant *m*  
*f* mutant *m* bactérien résistant aux antibiotiques  
*p* mutante *m* bacteriano resistente aos antibióticos
- 474 antibiotic-resistant bacterial strains**  
(Ant.)  
(Ref. to the spectrum of action of an antibiotic; see this entry.)  
*d* gegen Antibiotika widerstandsfähige Bakterienstämme *mpl*
- f* souches *fpl* bactériennes antibiorésistantes  
*p* cepas *fpl* bacterianas resistente aos antibióticos; cepas *fpl* bacterianas antibiótico-resistentes
- 475 antibiotics acting in the bacterial protein synthesis**  
(Ant.)  
(Antibiotics: e.g. streptomycin.)  
*d* Antibiotika *npl* welche auf die Bakterienproteinsynthese einwirken  
*f* antibiotiques *mpl* agissants sur la synthèse des protéines bactériennes  
*p* antibióticos *mpl* atuantes na síntese das proteínas bacterianas
- 476 antibiotics against infection by staphylococci**  
(Ant.)  
(Ref. to the "spectrum of activity of an antibiotic", see this entry.)  
*d* Antibiotika *npl* gegen Staphylokokken-Infektion  
*f* antibiotiques *mpl* contre les infections par des staphylocoques  
*p* antibióticos *mpl* contra infecções pelos estafilococos
- 477 antibiotics against infection by streptococcus**  
(Ant.)  
(Ref. to the "spectrum of activity of an antibiotic", see this entry.)  
*d* Antibiotika *npl* gegen Streptokokken-Infektion  
*f* antibiotiques *mpl* contre les infections par des streptocoques  
*p* antibióticos *mpl* contra infecções pelos estreptococos
- 478 antibiotics are intended for targeted employment**  
(Ant.)  
(Ref. to guided use of antibiotics in antibiotherapy, i.e. having each antibiotic a special purpose for being administered.)  
*d* Antibiotika *npl* sind für gezielten Einsatz bestimmt  
*f* antibiotiques *mpl* sont destinés à l'emploi ciblé  
*p* antibióticos *mpl* são destinados ao emprego especificamente visado
- 479 antibiotics are medicaments of biological origin**  
(Ant.)  
(Biotechnology; biological origin: microorganisms.)

- d* Antibiotika *npl* sind Arzneimittel biologischen Ursprungs  
*f* antibiotiques *mpl* sont des médicaments d'origine biologique  
*p* antibióticos *mpl* são medicamentos de origem biológico
- 480 antibiotics as metabolic substances of microorganisms**  
 (Ant.)  
 (Ref. to biochemical origin and production of antibiotics, in contrast to chemotherapeutics, which are of chemical (synthetic) origin.)  
*d* Antibiotika *npl* als Stoffwechselprodukte von Mikroorganismen  
*f* antibiotiques *mpl* comme substances métaboliques des micro-organismes  
*p* antibióticos *mpl* como substâncias metabólicas dos microorganismos
- 481 antibiotics forestall the formation of the bacterial wall**  
 (Ant.)  
 (See also entry: mucopeptide; peptidoglycan; murein.)  
*d* Antibiotika *npl* verhindern die Bildung der Bakterienwand  
*f* antibiotiques *mpl* empêchent la formation de la paroi bactérienne  
*p* antibióticos *mpl* impedem a formação da parede bacteriana
- 482 antibiotics of biological origin**  
 (Ant.)  
 (Biological origin: predominantly fungi; applied biotechnology.)  
*d* Antibiotika *npl* biologischen Ursprungs  
*f* antibiotiques *mpl* d'origine biologique  
*p* antibióticos *mpl* de origem biológica
- 483 antibiotics of semisynthetic substances**  
 (Ant.)  
 (Antibiotics of modified natural products: Biotechnology.)  
*d* Antibiotika *npl* halbsynthetischer Stoffe  
*f* antibiotiques *mpl* des substances semi-synthétiques  
*p* antibióticos *mpl* de substâncias semi-sintéticas
- 484 antibiotics, synthesis inhibitors of the bacterial cell wall**  
 (Ant.)  
 (Way of action of antibiotics.)  
*d* Antibiotika *npl*, Synthesehemmer der Bakterienzellwand  
*f* antibiotiques *mpl*, inhibiteurs de la synthèse de la paroi cellulaire bactérienne
- p* antibióticos *mpl*, inibidores da síntese da parede celular bacteriana
- 485 antibiotics with narrow spectrum of action**  
 (Ant.)  
 (E.g. ref. to certain cephalosporin type, predominantly active on (Gram-negative) pseudomonas.)  
*d* Antibiotika *npl* mit schmalem Wirkungsspektrum  
*f* antibiotiques *mpl* à un spectre étroit d'action  
*p* antibióticos *mpl* de espectro estreito de ação
- 486 antibiotics with selective toxicity**  
 (Ant.)  
 (Ref. to antibiotics as drugs in antibiotherapy.)  
*d* Antibiotika *npl* mit selektiver Toxizität; Antibiotika *npl* mit zielgerichteter Giftigkeit  
*f* antibiotiques *mpl* de toxicité sélective  
*p* antibióticos *mpl* de toxicidade seletiva
- 487 antibiotic therapeutics**  
 (Ant.)  
 (See entry: "antibiotic[s]").  
*d* antibiotische Therapeutik *f*  
*f* thérapeutique *f* antibiotique  
*p* terapêutica *f* antibiótica
- 488 antibiotic tissular diffusion; tissular diffusion of an antibiotic**  
 (Ant.)  
 (Ref. to nature of antibiotic activity in the organism.)  
*d* antibiotische Gewebsdifffusion *f*; Gewebsdifffusion *f* eines Antibiotikums  
*f* diffusion *f* tissulaire antibiotique; diffusion *f* tissulaire d'un antibiotique  
*p* difusão *f* tissular antibiótica; difusão *f* tissular de um antibiótico
- 489 antibiotic with effect retard**  
 (Ant.)  
 (Characteristic of the antibiotic form with delayed action in antibiotherapy.)  
*d* Antibiotikum *m* mit Retardwirkung  
*f* antibiotique *m* avec d'effet retard; antibiotique *m* à effet retard  
*p* antibiótico *m* de efeito retardado
- 490 antibody formation**  
 (Enz.)  
 (Process dependent on the amino acid sequence, nucleotide sequence in DNA (deoxyribonucleic acid).)  
*d* Antikörperbildung *f*  
*f* formation *f* d'anticorps  
*p* formação *f* de anticorpos

- 491 anticaking effect**  
(Prod.)  
(Pharmaceutical technology; product characteristic.)  
*d* Antirückwirkung *f*  
*f* effet *m* d'amélioration de la reconstitution; effet *m* d'amélioration de la redispersibilité  
*p* efeito *m* de melhoramento da redispersibilidade
- 492 anticancer effect of vitamin A**  
(Vit.)  
(Vitamin physiology; ref. to vitamin research.)  
*d* Antikrebswirkung *f* von Vitamin A  
*f* effet *m* anticancéreux de la vitamine A  
*p* efeito *m* anticanceroso da vitamina A
- 493 anticholinergic effect of passiflora**  
(Phyto.)  
(Acetylcholine (neurotransmitter) inhibiting; e.g. together with other phytotherapeutic components in enuresis (involuntary urine passing) control.)  
*d* anticholinergische Wirkung *f* der Passionsblume  
*f* effet *m* anticholinergique de la fleur de la Passion  
*p* efeito *m* anticolinérgico da passiflora
- 494 anticoagulant**  
(Prod.)  
(Medicinal drug for prevention and treatment of blood clotting.)  
*d* gerinnungshemmendes Arzneimittel *n*; Antikoagulanzen *npl*; Antikoagulantia *npl*  
*f* anticoagulant *m*  
*p* anticoagulante *m*
- 495 antidermatitic vitamin**  
(Vit.)  
(Ref. to vitamin B<sub>6</sub>; prophylaxis of acne and seborrheic dermatitis.)  
*d* antidermatitisches Vitamin *n*  
*f* vitamine *f* antidermatique  
*p* vitamina *f* antidermatite
- 496 antidiabetic for oral use**  
(Prod.)  
(Active principle e.g.: metformin, 1,1-dimethyl-biguanide; C<sub>4</sub>H<sub>11</sub>N<sub>5</sub>.)  
*d* Antidiabetikum *n* zur oralen Einnahme  
*f* antidiabétique *m* pour l'administration par voie orale  
*p* antidiabético *m* de administração oral
- 497 antidiabetic medicinal drug**  
(Prod.)  
(Diabetes: metabolism disorders.)  
*d* Antidiabetikum *n* (Antidiabetika *npl*); Medikament *n* gegen Diabetes (Zuckerkrankheit)  
*f* médicament *m* antidiabétique  
*p* medicamento *m* antidiabético
- 498 antidiaphoretic; antihidrotic**  
(Prod.)  
(Antihidrotic (antidiaphoretic) remedy, against excessive sweating.)  
*d* Antidiaphoretikum *n*; Mittel *n* gegen Schweißsekretion  
*f* remède *m* antisudorifique; remède *m* antidiaphorétique  
*p* remédio *m* antisudorífero
- \* **antidiarrhe[ti]c medicinal drug → 499**
- 499 antidiarrhoeal medicinal drug; antidiarrhe[ti]c medicinal drug**  
(Prod.)  
(Diarrhoea (diarrhea), frequent intestinal evacuation of liquid faeces.)  
*d* Arzneimittel *n* gegen Durchfall; Mittel *n* gegen Diarrhö  
*f* médicament *m* antidiarrhéique  
*p* medicamento *m* antidiarréico
- 500 antidiuretic**  
(Prod.)  
(Urine secretion reducing remedy.)  
*d* Antidiuretikum *n*; antidiuretisches Mittel *n*; antihamtreibendes Mittel *n*  
*f* antiurétique *m*  
*p* antidiurético *m*
- 501 antidote**  
(Pharm.)  
(Medicament which counteracts a poison.)  
*d* Gegenmittel *n*  
*f* antidote *m*  
*p* antídoto *m*
- 502 antidysenteric medicament**  
(Prod.)  
(Ref. to intestinal tract infection.)  
*d* Arzneimittel *n* gegen die Ruhr; Arzneimittel *n* gegen die Dysenterie  
*f* médicament *m* antidysentérique  
*p* medicamento *m* antidisentérico
- 503 antidysmenorrhoeic remedy**  
(Prod.)  
(Drug against dismenorrhoea, menstruation disorders.)  
*d* Mittel *n* gegen Menstruationsstörungen

- f* remède *m* antidisménorrhéique  
*p* remédio *m* antidismenorréico
- 504 antiemetic**  
 (Prod.)  
 (Antiemetic medicine, vomiting preventing.)  
*d* Antiemetikum *n*; Medizin *f* gegen Erbrechen  
*f* médicament *m* antiémétique  
*p* medicamento *m* antiemético
- 505 antiepileptic medicine**  
 (Prod.)  
 (Ref. to epilepsy, brain disorder type.)  
*d* Medizin *f* gegen Elepsie; Medizin *f* gegen Fallsucht  
*f* remède *m* antiépileptique  
*p* remédio *m* antiépiléptico
- 506 anti-estrogenic activity of isoflavones takes place by competitive inhibition in the receptor region**  
 (Pharm.)  
 (This competitive inhibition turns it impossible for the estrogen, of binding to the estrogenic receptors.)  
*d* die Anti-Östrogen-Wirkung *f* der Isoflavone erfolgt durch konkurrierende Hemmung im Rezeptorenbereich  
*f* activité *f* anti-œstrogènes des isoflavones a lieu dû à l'inhibition compétitive sur les récepteurs  
*p* atividade *f* anti-estrogênica das isoflavonas ocorre por inibição competitiva junto aos receptores
- 507 antifermentative** *adj*  
 (Enz.)  
 (Not produced by fermentation processes.)  
*d* gärungswidrig; nicht durch Fermente hervorgerufen  
*f* antifermentatif  
*p* antifermentativo
- 508 antifungal antibiotics**  
 (Ant.)  
 (Inactive against bacteria; see also entry: antibacterial antibiotics.)  
*d* Antibiotika *npl* gegen Pilzentwicklung  
*f* antibiotics *mpl* antifongiques  
*p* antibióticos *mpl* antifúngicos
- 509 antifungals infiltrate into the membrane wall of the fungi, provoking alterations**  
 (Ant.)  
 (Ref. to polyene antibiotics, see this entry.)  
*d* Antipilzmittel *npl* schleusen sich in die Membranwand der Pilze ein, Veränderungen verursachend; Antipilzmittel *npl* schleusen sich in die Membranwand der Fungi ein, Veränderungen verursachend  
*f* antifongiques *mpl* s'infiltrant dans la paroi membranaire des champignons, en provoquant des altérations  
*p* antifungos *mpl* se infiltram dentro da parede membranosa dos fungos, provocando alterações
- 510 antifungus polyenic**  
 (Ant.)  
 (Ref. to an antibiotic isolated from "Streptomyces"; active against certain fungi.)  
*d* Polyen-Pilzmittel *n*  
*f* antifongique *m* polyène  
*p* antifungo *m* poliênico
- 511 antigen**  
 (Med.)  
 (Substance of bacterial or viral origin, against which the organism produces an antibody.)  
*d* Antigen *n*  
*f* antigène *m*  
*p* antígeno *m*
- 512 antigen-antibody-equilibrium**  
 (Med.)  
 (Sustained by certain vitamins.)  
*d* Antigen-Antikörper-Gleichgewicht *n*  
*f* équilibre *m* antigène-anticorps  
*p* equilibrio *m* antígeno-anticorpo
- 513 antigen-antibody reaction**  
 (Med.)  
 (Ref. to immunology, vaccines and vaccination; this reaction is the basis of protective vaccinations.)  
*d* Antigen-Antikörper-Reaktion *f*  
*f* réaction *f* antigène-anticorps  
*p* reação *f* antígeno-anticorpo
- 514 antigen-antibody reaction as humoral immunoreaction in allergy**  
 (Med.)  
 (Ref. to the immune system reaction to antigens, involving immune response by means of antibodies in body fluids, secreted by B cells.)  
*d* Antigen-Antikörper-Reaktion *f* als humorale Immunreaktion in der Allergie  
*f* réaction *f* d'antigène-anticorps comme immunoréaction humorale dans l'allergie  
*p* reação *f* antígeno-anticorpo como ação imunorreação humoral na alergia
- 515 antigen contact**  
 (Med.)  
 (E.g. ref. to antigen-antibody reaction; in allergies.)

- d* Antigenkontakt *m*  
*f* contact *m* antigénique; contact *m* aux antigènes  
*p* contato *m* com antígenos
- 516 antigenic extract**  
 (Prod.)  
 (Pharmaceutical technology; material e.g. for the production of vaccines.)  
*d* Antigen-Extrakt *m*  
*f* extrait *m* antigénique  
*p* extrato *m* antigênico
- 517 antigens of bacteria of the respiratory system**  
 (Prod.)  
 (Pharmaceutical technology; material e.g. for the production of vaccines.)  
*d* Antigene *npl* von Bakterien der Atmungsorgane  
*f* antigènes *mpl* des bactéries du appareil respiratoire  
*p* antígenos *mpl* de bactérias das vias respiratórias
- 518 antigens of histocompatibility**  
 (Med.)  
 (Ref. to Human Leucocyte Antigen; System HLA: histocompatibility system of the human.)  
*d* Gewebsverträglichkeitsantigene *npl*  
*f* antigènes *mpl* d'histocompatibilité  
*p* antígenos *mpl* de histocompatibilidade
- 519 antigonorrhoeal remedy**  
 (Prod.)  
 (Gonorrhoea: venereal disease; bacterium "Neisseria gonorrhoeae".)  
*d* Tripperheilmittel *n*; Heilmittel *n* gegen die Gonorrhö (Gonorrhöe)  
*f* remède *m* antigonorrhéique  
*p* remédio *m* antigonorréico
- 520 antihelminthic medicine**  
 (Prod.)  
 (Medicine against parasitic worms.)  
*d* Wurmmittel *n/npl*; Anthelmintika *npl*  
*f* remède *m* antihelminthique  
*p* remédio *m* anti-helmíntico
- 521 antihemorrhagic vitamin**  
 (Vit.)  
 (Vitamin K. Prophylaxis of hypoprothrombinaemia (deficiency of the blood clotting factor prothrombin).)  
*d* antihämorrhagisches Vitamin *n*  
*f* vitamine *f* antihémorragique  
*p* vitamina *f* antihemorrágica
- 522 antihemorrhagic vitamin K<sub>2</sub> occurs in microorganisms**  
 (Vit.)  
 (C<sub>41</sub>H<sub>56</sub>O<sub>2</sub>; 2-methyl-3-difarnesyl-1,4-naphthoquinone; used in the treatment of hypoprothrombinaemia: deficiency of blood clotting factor prothrombin)  
*d* antihämorrhagisches Vitamin *n* K<sub>2</sub> kommt in Mikroorganismen vor  
*f* vitamine *f* K<sub>2</sub> antihémorragique paraît dans des micro-organismes  
*p* vitamina *f* K<sub>2</sub> antihemorrágica ocorre em microorganismo
- \* **antihidrotic** → 498
- 523 antihistamine**  
 (Prod.)  
 (Medicinal drug; see entry: antiallergic remedy.)  
*d* Antihistaminikum *n*  
*f* antihistaminique *m*  
*p* antihistamínico *m*
- 524 antihistamine; antihistaminic adj**  
 (Pharm.)  
 (Ref. to medicamentous substances for the treatment of allergic reactions.)  
*d* antihistaminisch  
*f* antihistaminique  
*p* antihistamínico
- 525 antihistamine competes with the histamine for the cellular receptors**  
 (Pharm.)  
 (Ref. to the activity of an antihistamine in the organism.)  
*d* Antihistaminikum *n* konkurriert mit dem Histamin um die Zellrezeptoren  
*f* antihistaminique *m* concourt avec la histamine pour les récepteurs cellulaires  
*p* antihistamínico *m* compete com a histamina pelos receptores celulares
- 526 antihistamine of local action**  
 (Prod.)  
 (Pharmaceutical technology; antiallergic remedy, e.g. in case of insect bite.)  
*d* Antihistaminikum *n* örtlicher Wirkung  
*f* antihistaminique *m* à action locale  
*p* antihistamínico *m* de ação local
- \* **antihistaminic adj** → 524
- 527 antihormone; hormone antagonist**  
 (Horm.)  
 (Ref. to a substance having opposite action to that of the hormone; used in treatments.)

- d* Antihormon *n*; Hormonantagonist *m*  
*f* antihormone *f*; antagoniste *m* de l'hormone  
*p* anti-hormônio *m*; antagonista *m* do hormônio
- 528 antihydrophobic medicinal drug**  
 (Prod.)  
 (Hydrophobia, rabies; ref. to viral disease of the central nervous system, transmitted by the bite of wild animals and dogs etc. to man.)  
*d* Tollwutmittel *n*  
*f* médicament *m* antihydrophobique; médicament *m* antirabique  
*p* medicamento anti-rábico
- 529 antihypertonic medicinal drug**  
 (Prod.)  
 (Medicament against hypertension, high arterial blood pressure.)  
*d* Arzneimittel *n* gegen Bluthochdruck; Antihypertonika *npl*  
*f* médicament *m* antihypertonique  
*p* medicamento *m* contra hipertensão
- 530 anti-inflammatory adj**  
 (Pharm.)  
 (Characteristic of a drug which counteracts inflammatory processes; antiphlogistic.)  
*d* entzündungshemmend; antiinflammatorisch  
*f* anti-inflammatoire  
*p* antiinflamatório
- 531 anti-inflammatory activity**  
 (Pharm.)  
 (Property of certain drugs.)  
*d* entzündungshemmende Wirkung *f*  
*f* activité *f* anti-inflammatoire  
*p* atividade *f* antiinflamatória
- 532 anti-inflammatory effect of vitamin A**  
 (Vit.)  
 (Vitamin physiology; ref. to vitamin research.)  
*d* entzündungshemmende Wirkung *f* von Vitamin A  
*f* effet *m* anti-inflammatoire de la vitamine A  
*p* efeito *m* antiinflamatório da vitamina A
- 533 anti-inflammatory property of an ointment**  
 (Pharm.)  
 (Ref. to the effect of certain ointments in dermatology.)  
*d* entzündungshemmende Eigenschaft *f* einer Salbe  
*f* propriété *f* anti-inflammatoire d'une pommade  
*p* propriedade *f* antiinflamatória de uma pomada
- \* **antiluetic** → 569
- 534 antimalarial drug**  
 (Prod.)  
 (Antiplasmodic drug.)  
*d* Malariaimedikament *n*; Malariamittel *n/npl*  
*f* médicament *m* contre la malaria; médicament *m* contre le paludisme  
*p* medicamento *m* contra malária; medicamento *m* contra o paludismo
- 535 antimicrobial activity of an antibiotic**  
 (Ant.)  
 (Ref. to the spectrum of action of an antibiotic; see this entry.)  
*d* antimikrobielle Wirksamkeit *f* eines Antibiotikums  
*f* activité *f* antimicrobienne d'un antibiotique  
*p* atividade *f* antimicrobiana de um antibiótico
- 536 antimitotic medicinal drug**  
 (Prod.)  
 (Drug against mitosis, a certain type of cell division; used in cancer therapy.)  
*d* Antimitosemittel *n*  
*f* antimitotique *m*  
*p* medicamento *m* antimitose
- 537 antimycotic adj**  
 (Pharm.)  
 (Ref. to drugs against mycosis, disease caused by a fungus.)  
*d* gegen Pilzkrankungen  
*f* antimycotique  
*p* antimicótico
- 538 anti-neoplastic action of vitamin A**  
 (Vit.)  
 (Vitamin physiology; ref. in this case especially to malign cutaneous tumors.)  
*d* Vitamin A-Wirkung *f* gegen bösartige Gewebsneubildung  
*f* action *f* antinéoplasique de la vitamine A  
*p* ação *f* antineoplásica da vitamina A
- 539 antineuralgic adj**  
 (Pharm.)  
 (Ref. to neuralgia; drug against neuralgia.)  
*d* gegen Neuralgien  
*f* antinévralgique  
*p* antinevrálgico; antineurálgico
- 540 antineuritic factor**  
 (Vit.)  
 (Vitamin B<sub>1</sub>, thiamine hydrochloride; C<sub>12</sub>H<sub>17</sub>ClN<sub>4</sub>OS.HCl; used in treatment of vitamin B<sub>1</sub> deficiency diseases (e.g. peripheral neuropathy))  
*d* antineuritische Faktor *m*



- f* facteur *m* antinévritique  
*p* fator *m* antineurítico; fator *m* antinevrítico
- 541 antiosteolytic adj**  
 (Pharm.)  
 (Ref. to a drug against osteolysis, osteoclasia.)  
*d* antiosteolytisch  
*f* antiostéolytique  
*p* antiosteolítico
- 542 antioxidant action of the vitamins**  
 (Vit.)  
 (Vitamin physiology, certain vitamins (e.g. vit. E) having antioxidant properties, protecting the cells of the organism.)  
*d* antioxidierende Wirkung *f* der Vitamine  
*f* action *f* antioxydante des vitamines  
*p* ação *f* antioxydante das vitaminas
- 543 antioxidant activity**  
 (Vit.)  
 (Ref. to certain vitamins, e.g. ref. to vitamin C, ascorbic acid.)  
*d* antioxidierende Aktivität *f*; antioxidierende Wirkung *f*  
*f* activité *f* antioxydante  
*p* atividade *f* antioxydante
- 544 antioxidant activity of ascorbic acid**  
 (Vit.)  
 (Vitamin technology; characteristic used in pharmaceutical forms, against free radicals.)  
*d* antioxidierende Aktivität *f* der Ascorbinsäure; antioxidierende Wirkung *f* der Ascorbinsäure  
*f* activité *f* antioxydante de l'acide ascorbique  
*p* atividade *f* antioxydante do ácido ascórbico
- 545 antioxidants**  
 (Vit.)  
 (Substances used as autoxidation inhibitors; E.g. ascorbic acid (vitamin C); tocopherol (vitamin E): inhibiting oxidation processes.)  
*d* Antioxidantien *npl*  
*f* antioxydants *mpl* antioxygènes *mpl*  
*p* agentes *mpl* antioxidantes
- 546 antioxidant/synergist mixture**  
 (Prod.)  
 (Pharmaceutical technology.)  
*d* Antioxidantien-Synergist-Mischung *f*  
*f* mélange *m* d'antioxydant-synergiste  
*p* mistura *f* de antioxydante-agente sinérgico
- 547 antioxidant vitamin E**  
 (Vit.)  
 (Vitamin physiology; ref. to vitamin E – alpha tocopherol having antioxidant properties (see entry).)  
*d* Antioxidantien-Vitamin *n* E  
*f* vitamine *f* E antioxydante; vitamine E-antioxygène *m*  
*p* vitamina *f* E antioxydante
- 548 antipellagra factor/antipellagrous vitamin**  
 (Vit.)  
 (Vitamin physiology; vitamin B complex; pellagra-disease: deficiency of nicotinic acid.)  
*d* Antipellagra-Faktor *m*/Antipellagravitamin *n*  
*f* facteur *m* antipellagreu/vitamine *f* antipellagreuse  
*p* fator *m* antipelagros/ovitamina *f* antipelagra
- 549 antipermeability vitamin**  
 (Vit.)  
 (Ref. to vitamin P: bioflavonoids: antioxidant; protection of capillary and vascular permeability.)  
*d* Antipermeabilitätsvitamin *n*  
*f* vitamine *f* d'antipermeabilité  
*p* vitamina *f* antipermeabilidade
- 550 antiphlogistic adj**  
 (Pharm.)  
 (Anti-inflammatory; e.g. an antiphlogistic drug.)  
*d* antiphlogistisch  
*f* antiphlogistique  
*p* antiflogístico
- 551 antiphlogistic agent; inflammation inhibiting drug**  
 (Pharm.)  
 (Ref. to the property of certain drugs; see also: anti-inflammatory activity; e.g. ice is an antiphlogistic agent.)  
*d* Antiphlogistikum *n*; antiphlogistisches Mittel *n*; entzündungshemmendes Mittel *n*  
*f* antiphlogistique *m*; agent *m* inhibant les inflammations  
*p* antiflogístico *m*; agente *m* inibidor de inflamações
- 552 antiphlogistic effect**  
 (Pharm.)  
 (See: anti-inflammatory activity.)  
*d* antiphlogistische Auswirkung *f*; entzündungshemmende Wirkung *f*  
*f* effet *m* antiphlogistique  
*p* efeito *m* antiflogístico
- 553 antiphthisique adj**  
 (Pharm.)  
 (Quality of a drug against phthisis, nowadays called: pulmonary tuberculosis.)  
*d* antiphthisisch

- f* antiphtisique  
*p* antitísico
- 554 antipruriginous medicament; antipruritic**  
(Prod.)  
(Drug against prurigo, chronic itchy skin disease.)  
*d* Arzneimittel *n* gegen Hautjucken  
*f* médicament *m* antiprurigineux; antiprurigineux *m*  
*p* medicamento *m* antipruriginoso; antiprurítico *m*
- \* **antipruritic** → 554
- 555 antipyretic; fever reducing** *adj*  
(Pharm.)  
(Pharmacodynamic property; drug characteristic.)  
*d* antipyretisch; fiebersenkend  
*f* antipyrétique; fébrifuge  
*p* antipirético; febrífugo; antifebril; antitérmico
- 556 antipyretic; febrifuge**  
(Prod.)  
(Antithermic (fever-reducing) drug.)  
*d* Antipyretikum *n*; fiebersenkendes Mittel *n*  
*f* antipyrétique *m*; fébrifuge *m*  
*p* antipirético *m*; febrífugo *m*
- 557 antirachitic principle**  
(Vit.)  
(Vitamin physiology; "antirachitic vitamin", see this entry – vitamin D.)  
*d* antirachitisches Prinzip *n*  
*f* principe *m* antirachitique  
*p* principio *m* anti-raquíptico
- 558 antirachitic vitamin**  
(Vit.)  
(Ref. calcifere, ergocalciferol, vitamin D<sub>2</sub>, used in prophylaxis/treatment of vitamin D-deficiencies: rickets, osteomalacia (diseases of the bones.))  
*d* antirachitisches Vitamin *n* – Vitamin D  
*f* vitamine *f* antirachitique; antirachitique – vitamine D  
*p* vitamina *f* anti-raquíptica; anti-raquíptica – vitamin D
- 559 antirheumatic**  
(Prod.)  
(Drug against rheumatism.)  
*d* Antirheumatikum *n*  
*f* médicament *m* antirhumatique  
*p* anti-reumático *m*
- 560 antiscabious remedy**  
(Prod.)  
(Ref. to a drug against scabies, dermatological infection by the itch mite)  
*d* Krätzmilbenmittel *n*  
*f* remède *m* antiscabieux  
*p* escabícida *m*; medicamento *m* contra sarna
- 561 antiscarlatinous medicinal drug; medicament against scarlet fever**  
(Prod.)  
(Ref. to scarlatina, scarlet fever.)  
*d* Arzneimittel *n* gegen Scharlach  
*f* médicament *m* antiscarlatineux  
*p* medicamento *m* antiescarlatina
- 562 antiscorbutic factor**  
(Vit.)  
(Ref. to vitamin C; e.g. L-ascorbic acid; scurvy is a disease with symptoms of bleeding gums and subcutaneous bleeding.)  
*d* Antiskorbutfaktor *m*  
*f* facteur *m* antiscorbutique  
*p* fator *m* antiescorbuto
- 563 antiscorbutic vitamin**  
(Vit.)  
(L-ascorbic acid = vitamin C; scurvy is a disease with symptoms of bleeding gums and subcutaneous bleeding.)  
*d* Antiskorbutvitamin *n*  
*f* vitamine *f* antiscorbutique  
*p* vitamina *f* antiescorbútica
- 564 anti-scurvy vitamin C**  
(Vit.)  
(Vitamin C-ascorbic acid.)  
*d* Antiskorbutvitamin *n* C  
*f* vitamine *f* C antiscorbutique  
*p* vitamina *f* C antiescorbútica
- 565 antiseborrheic vitamin**  
(Vit.)  
(Ref. to vitamin H, biotin; C<sub>10</sub>H<sub>16</sub>N<sub>2</sub>O<sub>3</sub>S.)  
*d* antiseborrhoisches Vitamin *n*  
*f* vitamine *f* antiséborrhéique  
*p* vitamina *f* anti-seborrética
- 566 antispasmodic; spasmolytic**  
(Prod.)  
(Smooth muscle spasms relieving drug.)  
*d* Antispasmodikum *n*; Antispastikum *n*; Spasmolytikum *n*; krampf lösendes Mittel *n*  
*f* antispasmodique *m*; spasmolytique *m*  
*p* antiespasmódico *m*; espasmolítico *m*
- 567 antistenocardiac drug**  
(Prod.)  
(Ref. to angina pectoris, coronary spasm.)

- d* Mittel *n* gegen Stenokardie; Mittel *n* gegen Herzbeklemmung  
*f* remède *m* antisténocardiaque  
*p* remédio *m* estenocardiaco; remédio *m* contra angina do peito
- 568 antisterility vitamin**  
 (Vit.)  
 (Ref. to vitamin E (alpha-tocopherol; C<sub>29</sub>H<sub>50</sub>O<sub>2</sub>); e.g. used against sterility, in muscular dystrophies etc.)  
*d* Antisterilitätsvitamin *n*  
*f* vitamine *f* d'antistérilité  
*p* vitamina *f* anti-esterilidade
- 569 antisyphilitic; antiluetic adj**  
 (Pharm.)  
 (Quality of a drug against syphilis, lues.)  
*d* antisyphilitisch; antiluetic; antiluisch  
*f* antisyphilitique  
*p* antisifilítico
- 570 antisyphilitic drug**  
 (Ant.)  
 (Treatment of syphilis (caused by "Treponema pallidum") in history: 18th-19th century: mercury (Hg); afterwards: grey arsenic, arsenic (As) (German: das Arsen; arsenotherapy: by Paul Ehrlich), Bismuth (Bi); 1943: penicillin; now also other antibiotics.)  
*d* Antisyphilitikum *n*  
*f* médicament *m* antisyphilitique  
*p* antisifilítico *m*
- 571 antituberculous antibiotic**  
 (Ant.)  
 (Antibiotics; e.g. isoniazid (C<sub>6</sub>H<sub>7</sub>N<sub>3</sub>O).)  
*d* antituberkulöses Antibiotikum *n*  
*f* antibiotique *m* antituberculeux  
*p* antibiótico *m* antituberculoso
- 572 antitussive agent**  
 (Prod.)  
 (Medicine against coughing, against tussis.)  
*d* Hustenmittel *n*  
*f* antitussif *m*; remède *m* béchique  
*p* antitussígeno *m*; remédio *m* para tosse
- 573 antivaricose drug**  
 (Prod.)  
 (Medicinal drug for treatment of varicose veins.)  
*d* Krampfaderheilmittel *n*  
*f* médicament *m* antivariqueux  
*p* medicamento *m* antivaricoso
- 574 antiviral agent**  
 (Prod.)  
 (Pharmaceutical chemistry; e.g. ref. to interferon.)  
*d* Antivirusmittel *n*  
*f* agent *m* antiviral  
*p* agente *m* antiviral; agente *m* antivirótico
- 575 antivitamin**  
 (Vit.)  
 (Substance which inhibits vitamin action.)  
*d* Antivitamin *n*  
*f* antivitamine *f*  
*p* antivitamina *f*
- 576 antivitaminic adj**  
 (Vit.)  
 (Antivitamins are compounds which can displace specific vitamins due to their structural similarity.)  
*d* vitaminfeindlich; vitaminzerstörend  
*f* antivitaminique  
*p* antivitaminico
- 577 antixerophthalmic vitamin**  
 (Vit.)  
 (Ref. to vitamin A; retinol (C<sub>20</sub>H<sub>30</sub>O); xerophthalmia is a progressive eye disease affecting the cornea and the conjunctiva.)  
*d* antixerophthalmisches Vitamin *n*  
*f* vitamine *f* antixéropthalmique  
*p* vitamina *f* antixeroftálmica
- 578 anus**  
 (Anat.)  
 (Faeces discharging end of the alimentary canal.)  
*d* After *m*  
*f* anus *m*  
*p* ânus *m*
- 579 anxiolytics; tranquilizers**  
 (Prod.)  
 (Anxiety relieving medicaments; ataractics.)  
*d* Anxiolytika *npl*; Beruhigungsmittel *n/npl*  
*f* anxiolytiques *mpl*; tranquillisants *mpl*  
*p* ansiolíticos *mpl*; tranqüilizantes *mpl*
- \* 6-APA → 346
- 580 apoenzyme**  
 (Enz.)  
 (Inactivated enzyme which binds to a cofactor. Determines specificity to the substrate.)  
*d* Apoenzym *n*  
*f* apoenzyme *m/f*  
*p* apoenzima *f*

- 581 apoenzymes as specific proteins**  
(Enz.)  
(In enzyme-/protein biochemistry.)  
*d* Apoenzyme *npl* als spezifische Proteine  
*f* apoenzymes *mpl/fpl* comme protéines spécifiques  
*p* apoenzimas *fpl* como proteína específicas
- 582 apomorphine**  
(Prod.)  
(C<sub>17</sub>H<sub>17</sub>NO<sub>2</sub>; an opiate; medicamentous substance in its hydrochloride form: emetic, see this entry.)  
*d* Apomorphin *n*  
*f* apomorphine *f*  
*p* apomorfina *f*
- 583 appendix**  
(Anat.)  
(Vermiform appendix.)  
*d* Wurmfortsatz *m*  
*f* appendice *m*  
*p* apêndice *m*
- 584 applicability**  
(Prod.)  
(Pharmaceutical chemistry; ref. to the test of product/material properties e.g. in research.)  
*d* Anwendbarkeit *f*  
*f* applicabilité *f*  
*p* aplicabilidade *f*
- 585 applicability of an active principle; usability of an active principle**  
(Prod.)  
(Pharmaceutical technology; ref. to the usability of a medicamentous substance in a certain formula.)  
*d* Verwendbarkeit *f* eines Wirkstoffes  
*f* applicabilité *f* d'un principe actif; utilité *f* pratique d'un principe actif  
*p* aplicabilidade *f* de um princípio ativo; utilidade *f* prática de um princípio ativo
- 586 application**  
(Prod.)  
(In pharmaceutical technology.)  
*d* Anwendung *f*  
*f* emploi *m*  
*p* aplicação *f*
- 587 application of biological techniques**  
(Enz.)  
(Biotechnology; ref. to research and production of applied biology in industrial exploitation.)  
*d* Anwendung *f* biologischer Verfahren  
*f* application *f* des techniques biologiques  
*p* aplicação *f* das técnicas biológicas
- 588 application of cold in drug protection during pharmaceutical operations**  
(Prod.)  
(Pharmaceutical technology; pharmaceutical preservation process.)  
*d* Kälteanwendung *f* zum Medikamentenschutz während pharmazeutischer Arbeitsgänge  
*f* emploi *m* du froid dans la protection des médicaments au cours des opérations pharmaceutiques  
*p* emprego *m* do frio na proteção de medicamentos durante as operações farmacêuticas
- 589 application properties of auxiliaries**  
(Prod.)  
(Pharmaceutical technology.)  
*d* Anwendungseigenschaften *fpl* von Hilfsprodukten  
*f* propriétés *fpl* de l'emploi des produits auxiliaires  
*p* propriedades *fpl* de aplicação dos produtos auxiliares
- \* **application under the tongue** → 6000
- 590 applied chemistry**  
(Prod.)  
(Ref. to pharmaceutical processes, technique, industrial application.)  
*d* angewandte Chemie *f*  
*f* chimie *f* appliqué  
*p* química *f* aplicada
- 591 aqueous/alkoholic preparation**  
(Prod.)  
(Pharmaceutical technology; a product form.)  
*d* wässriges/alkoholisches Präparat *n*; wasser-alkohol-enthaltendes Präparat *n*  
*f* préparation *f* aqueuse/alcoolique  
*p* preparação *f* aquosa/alcoólica
- 592 aqueous biotin**  
(Vit.)  
(C<sub>10</sub>H<sub>16</sub>N<sub>2</sub>O<sub>3</sub>S; vitamin H; used e.g. in multivitamin products.)  
*d* Biotin *n* auf wässriger Base; wässriges Biotin *n*  
*f* biotine *f* aqueuse  
*p* biotina *f* aquosa
- 593 aqueous distillation residue**  
(Prod.)  
(Pharmaceutical processes.)  
*d* wäss[er]iger Destillationsrückstand *m*

- f* résidu *m* aqueux de la distillation  
*p* residuo *m* aquoso da destilação
- 594 aqueous extract**  
 (Phyto.)  
 (Extract type in processing.)  
*d* wäss[e]riger Extrakt *m*; wäss[e]riger Auszug *m*  
*f* extrait *m* aqueux  
*p* extrato *m* aquoso
- 595 aqueous humour of the eye**  
 (Anat.)  
 (Ref. to the fluid of the eye chamber.)  
*d* Augenkammerflüssigkeit *f*  
*f* humeur *f* aqueuse de l'œil  
*p* humor *m* aquoso do olho
- 596 aqueous medicamentous solute**  
 (Prod.)  
 (Pharmaceutical chemistry; medicamentous preparation obtained by dissolution of one or more substances within a solvent, (in this case: water).)  
*d* wäss[e]rige medikamentöse gelöste Stoffmenge *f*  
*f* soluté *m* aqueux médicamenteux  
*p* soluto *m* medicamentoso aquoso
- 597 aqueous phase of a solution**  
 (Prod.)  
 (Pharmaceutical technology; e.g. ref. to a solution treated with an organic solvent, in separation processes.)  
*d* wäss[e]rige Lösungsphase *f*; wäss[e]rige Phase *f* einer Lösung  
*f* phase *f* aqueuse d'une solution  
*p* fase *f* aquosa de uma solução
- 598 aqueous solution**  
 (Prod.)  
 (Pharmaceutical technology; solution characteristic.)  
*d* wäss[e]rige Lösung *f*  
*f* solution *f* aqueuse  
*p* solução *f* aquosa
- 599 aqueous suspension**  
 (Prod.)  
 (Pharmaceutical technology; a suspension form.)  
*d* wäss[e]rige Suspension *f*  
*f* suspension *f* aqueuse  
*p* suspensão *f* aquosa
- 600 aqueous vitamin injectables**  
 (Vit.)  
 (Vitamin technology; a pharmaceutical vitamin form.)  
*d* wäss[e]rige Vitamin-Injektionsprodukte *npl*  
*f* produits *mpl* vitaminiques aqueux injectables  
*p* produtos *mpl* vitamínicos aquosos injetáveis
- 601 aqueous vitamin preparation**  
 (Vit.)  
 (Pharmaceutical vitamin form.)  
*d* wasserenthaltendes Vitaminpräparat *n*  
*f* préparation *f* vitaminique aqueuse  
*p* preparação *f* vitamínica aquosa
- 602 aqueous vitamin solution**  
 (Vit.)  
 (Vitamin technology; a vitamin preparation type.)  
*d* wäss[e]rige Vitaminlösung *f*  
*f* solution *f* aqueuse vitaminique  
*p* solução *f* aquosa de vitaminas
- 603 arachidonic acid**  
 (Horm.)  
 (C<sub>20</sub>H<sub>32</sub>O<sub>2</sub>; unsaturated fatty acid; precursor of prostaglandins (see entry: lipid-derivative hormones).)  
*d* Arachidonsäure *f*  
*f* acide *m* arachidonique  
*p* ácido *m* araquidônico
- \* **arachis oil** → 4631
- 604 arbutin; ursin**  
 (Phyto.)  
 (C<sub>12</sub>H<sub>16</sub>O<sub>7</sub>; hydroquinone glucose; medicamentous substance; herbal plant origin; see entry: bearberry.)  
*d* Arbutin *n*; Ursin *n*  
*f* arbutine *f*; ursine *f*  
*p* arbutina *f*; ursina *f*
- 605 areca nut**  
 (Phyto.)  
 (Betel nut; seeds of "Areca catechu L., Palmae"; active principle: arecoline (C<sub>8</sub>H<sub>13</sub>NO<sub>2</sub>)/arecoline hydrobromide (C<sub>8</sub>H<sub>13</sub>NO<sub>2</sub>.HBr); parasymphathomimetic agent topically in glaucoma; int. against tapeworm.)  
*d* Arekanuss *f*  
*f* arec *m*; noix *f* d'arec  
*p* coco *m* da areca; noz *f* da areca
- 606 arecoline**  
 (Phyto.)  
 (Alkaloid of the areca nut (see this entry for formula and use), Betel nut.)  
*d* Arecolin *n*  
*f* arécoline *f*  
*p* arecolina *f*

- 607 arecoline hydrobromide**  
(Phyto.)  
(See entry: "areca nut" for formula and use.)  
*d* Arecolinhydrobromid *n*  
*f* arécoline *f* bromhydrique  
*p* hidrobrometo *m* de arecolina
- 608 areola**  
(Anat.)  
(Body part: tissue ring around the breast nipple.)  
*d* Warzenhof *m*; Brustwarzenhof *m*  
*f* aréole *f*  
*p* auréola *f*; aréola *f*
- 609 arginine**  
(Enz.)  
(Enzymology; C<sub>6</sub>H<sub>14</sub>N<sub>4</sub>O<sub>2</sub>; essential amino acid; origin: hydrolysis of proteins.)  
*d* Arginin *n*  
*f* arginine *f*  
*p* arginina *f*
- 610 ariboflavinosis**  
(Vit.)  
(Vitamin technology; hypovitaminosis: riboflavin (vitamin B<sub>2</sub>)-deficiency.)  
*d* Ariboflavinose *f*  
*f* ariboflavinose *f*  
*p* ariboflavinose *f*
- 611 arm**  
(Anat.)  
(Body part.)  
*d* Arm *m*  
*f* bras *m*  
*p* braço *m*
- 612 armpit**  
(Anat.)  
(Body part.)  
*d* Achsel *f*; Achselhöhle *f*  
*f* creux *m* de l'aisselle  
*p* axila *f*
- 613 arnica**  
(Phyto.)  
(Genus "Arnica"; Use as arnica tincture: stimulating local blood circulation.)  
*d* Arnika *f*; Wohlverleih *m*  
*f* arnica *m*  
*p* arnica *f*
- 614 aromatic adj**  
(Mol.)  
(Compound containing a benzene ring in its molecule.)  
*d* aromatisch
- f* aromatique  
*p* aromático
- 615 aromatic amino acids**  
(Enz.)  
(E.g. phenylalanine, C<sub>9</sub>H<sub>11</sub>NO<sub>2</sub>, an essential amino acid, a nutrient.)  
*d* aromatische Aminosäuren *fpl*  
*f* aminoácidos *mpl* aromatiques  
*p* aminoácidos *mpl* aromáticos
- 616 aromatic compound**  
(Mol.)  
(Ref. to an organic unsaturated compound etc.)  
*d* aromatische Verbindung *f*  
*f* composé *m* aromatique  
*p* composto *m* aromático
- \* **arrangement** → 4491
- 617 arrangement of the molecules**  
(Mol.)  
(E.g. ref. to structural formulae; to the structure of the active principle.)  
*d* Anordnung *f* der Moleküle  
*f* arrangement *m* des molécules  
*p* arranjo *m* das moléculas; disposição *f* das moléculas
- 618 artemisia**  
(Phyto.)  
(Aromatic composite medicinal herb; "Artemisia maritima L." yielding the medicamentous substance santonin (C<sub>15</sub>H<sub>18</sub>O<sub>3</sub>), an anthelmintic for "Ascaris lumbricoides".)  
*d* Beifuß *m*  
*f* armoise *f*  
*p* artemisia *f*
- 619 arterious sulci**  
(Anat.)  
(See: sulcus. Sulci of the skull for the arteries.)  
*d* Arterienfurchen *fpl*  
*f* sillons *mpl* artériels  
*p* sulcos *mpl* das artérias
- 620 artery**  
(Anat.)  
(Blood transport vessel away from the heart.)  
*d* Schlagader *f*; Arterie *f*  
*f* artère *f*  
*p* artéria *f*

- 621 articulations; joints**  
(Anat.)  
(Ref. to the contacting part between two bones.)  
*d* Gelenke *npl*  
*f* jointures *fpl*; articulations *fpl*  
*p* articulações *fpl*
- 622 artificial deficiencies**  
(Vit.)  
(E.g. of vitamins.)  
*d* künstliche Mangelzustände *mpl*  
*f* états *mpl* de carence artificielle  
*p* estados *mpl* de carência artificial; condições *fpl* de carência artificial
- 623 artificial immunity**  
(Pharm.)  
(Immunity through protective vaccination.)  
*d* künstliche Immunität *f*  
*f* immunité *f* artificielle  
*p* imunidade *f* artificial
- 624 ascending colon**  
(Anat.)  
(Part of the large intestine.)  
*d* aufsteigender Grimmdarm *m*  
*f* côlon *m* ascendant  
*p* côlon *m* ascendente
- 625 asclepias tincture; wild cotton tincture**  
(Phyto.)  
(Milkweed, silkweed; "Asclepias" of the family: "Asclepiadaceae"; expectorant, emetic; laxative.)  
*d* Asclepias-Tinktur *f*  
*f* teinture *f* de l'asclépiade  
*p* tintura *f* da asclepiadácea
- 626 ascorbic acid acting as redoxsystem in the cellular metabolism**  
(Vit.)  
(Vitamin physiology; vitamin C-ascorbic acid – biochemistry in the organism.)  
*d* Ascorbinsäure *f* als Redoxsystem im Zellstoffwechsel tätig  
*f* acide *m* ascorbique agissant dans le métabolisme cellulaire en forme du système redox  
*p* ácido *m* ascórbico ativo no metabolismo celular em forma de sistema redox
- \* ascorbic acid acts as antioxidant in beer → 6780
- \* ascorbic acid acts in the lipid/steroid metabolism → 6782
- \* ascorbic acid acts in the synthesis of catecholamines → 6783
- 627 ascorbic acid acts with hydroxylase enzymes; vitamin C acts with hydroxylase enzymes**  
(Vit.)  
(Vitamin physiology; ref. e.g. to the lipid- and steroid metabolism.)  
*d* Ascorbinsäure *f* wirkt mit Hydroxylase-Enzymen; Vitamin *n* C wirkt mit Hydroxylase-Enzymen  
*f* acide *m* ascorbique agit avec des enzymes de l'hydroxylase; vitamine *f* C agit avec des enzymes de l'hydroxylase  
*p* ácido *m* ascórbico atua com enzimas da hidroxilase; vitamina *f* C atua com enzimas da hidroxilase
- 628 ascorbic acid – a glucose derivative**  
(Vit.)  
(Vitamin technology; ref. to vitamin C synthesis.)  
*d* Ascorbinsäure *f* – ein Glykosederivat *n*  
*f* acide *m* ascorbique – un dérivé *m* du glucose  
*p* ácido *m* ascórbico – um derivado *m* da glicose
- \* ascorbic acid as an antioxidant nutrient → 6785
- 629 ascorbic acid as a preservative in processed food**  
(Vit.)  
(Vitamin technology; ref. to vitamin C in industrial applications.)  
*d* Ascorbinsäure *f* als Konservierungsmittel in weiterverarbeiteten Nahrungsmitteln  
*f* acide *m* ascorbique comme agent de conservation dans des produits alimentaires transformés  
*p* ácido *m* ascórbico como conservante nos produtos alimentícios de transformação
- 630 ascorbic acid as hydrogen particle acceptor**  
(Vit.)  
(Vitamin biochemistry/physiology: Vitamin C in reduction processes.)  
*d* Ascorbinsäure *f* als Wasserstoffteilchen-Akzeptor; Ascorbinsäure *f* als Wasserstoffteilchen-Aufnehmer  
*f* acide *m* ascorbique comme accepteur de particules de l'hydrogène  
*p* ácido *m* ascórbico como aceitador de partículas de hidrogênio

- 631 ascorbic acid as hydrogen particle donor**  
(Vit.)  
(Vitamin biochemistry/physiology: Vitamin C in oxidation processes.)
- d* Ascorbinsäure *f* als Wasserstoffteilchen-Donator; Ascorbinsäure *f* als Wasserstoffteilchen-Abgeber
- f* acide *m* ascorbique comme donneur de particules de l'hydrogène
- p* ácido *m* ascórbico como doador de partículas de hidrogênio
- 632 ascorbic acid as preservation auxiliary in medicinal drugs**  
(Vit.)  
(Vitamin technology; vitamin C for medicinal drugs of all types of administration.)
- d* Ascorbinsäure *f* als Konservierungs-Hilfsmittel in Medikamenten
- f* acide *m* ascorbique comme auxiliaire de conservation dans des médicaments
- p* ácido *m* ascórbico como auxiliar de conservação em medicamentos
- 633 ascorbic acid chewable tablets**  
(Vit.)  
(Vitamin technology; vitamin C presentation form.)
- d* Kautabletten *fpl* aus Ascorbinsäure
- f* comprimés *mpl* d'acide ascorbique à mâcher
- p* comprimidos *mpl* mastigáveis de ácido ascórbico
- 634 ascorbic acid for direct compression; ascorbic acid for direct tableting**  
(Vit.)  
(Vitamin technology; C<sub>6</sub>H<sub>8</sub>O<sub>6</sub>; vitamin C form for the production of tablets.)
- d* Ascorbinsäure *f* für die Direktverpressung; Ascorbinsäure *f* zur Direktkompression
- f* acide *m* ascorbique pour la compression directe
- p* ácido ascórbico *f* para compressão direta
- \* **ascorbic acid for direct tableting** → 634
- 635 ascorbic acid granulate**  
(Vit.)  
(Vitamin technology; a vitamin C form.)
- d* Ascorbinsäuregranulat *n*
- f* granulé *m* d'acide ascorbique
- p* granulado *m* de ácido ascórbico
- 636 ascorbic acid in oral solution**  
(Vit.)  
(Vitamin technology; pharmaceutical vitamin C form.)
- d* Ascorbinsäure *f* in oraler Lösung; Ascorbinsäure *f* in mündlich zu verabreichender Form
- f* acide *m* ascorbique dans de solution orale; acide *m* ascorbique dans de solution à prendre par voie buccale
- p* ácido *m* ascórbico em solução oral; solução *f* de ácido ascórbico para ser administrada oralmente
- 637 ascorbic acid in solid drug form**  
(Vit.)  
(Vitamin technology; pharmaceutical form of vitamin C.)
- d* Ascorbinsäure *f* in fester medikamentöser Form
- f* acide *m* ascorbique en forme médicamenteuse solide
- p* ácido *m* ascórbico em forma medicamentosa sólida
- 638 ascorbic acid in the treatment of iron overload and anaemias**  
(Vit.)  
(Vitamin physiology; ref. to the metal-ion metabolism, dietetic metal-ion absorption.)
- d* Ascorbinsäure *f* in der Behandlung von Eisenüberbelastung und Anämie; Ascorbinsäure *f* in der Behandlung von Eisenüberbelastung und Blutarmut
- f* acide *m* ascorbique dans le traitement de la surcharge de fer et de l'anémie
- p* ácido *m* ascórbico no tratamento da sobrecarga de ferro e da anemia
- 639 ascorbic acid is involved in increased interferon formation**  
(Vit.)  
(Vitamin physiology; vitamin C in immunological functions.)
- d* Ascorbinsäure *f* ist verbunden mit einer erhöhten Interferon-Produktion
- f* acide *m* ascorbique participe à la formation plus élevée de l'interféron
- p* ácido *m* ascórbico é envolvido com uma formação aumentada da interferona
- 640 ascorbic acid oscillates in the organism between the oxidized and the reduced state**  
(Vit.)  
(Vitamin biochemistry/physiology; vitamin C in redox processes.)
- d* Ascorbinsäure *f* oszilliert im Organismus zwischen dem oxidierten und dem reduzierten Zustand
- f* acide *m* ascorbique oscille dans l'organisme entre l'état oxydé et l'état réduit
- p* ácido *m* ascórbico oscila no organismo entre o estado oxidado e o estado reduzido



- 641 ascorbic acid powder**  
(Vit.)  
(Vitamin technology; vitamin C form.  
 $C_6H_8O_6$ .)  
*d* Ascorbinsäure-Pulver *n*  
*f* acide *m* ascorbique poudre  
*p* ácido *m* ascórbico em pó
- \* **ascorbic acid promotes synthesis of collagen** → 6815
- \* **ascorbic acid promotes the fibre crosslinking** → 6816
- \* **ascorbic acid-protection against oxidizing agents** → 6817
- 642 ascorbic acid stabilizer**  
(Vit.)  
(Auxiliary in vitamin technology, in production of vitamin forms.)  
*d* Ascorbinsäurestabilisator *m*  
*f* stabilisant *m* pour l'acide ascorbique  
*p* estabilizador *m* para ácido ascórbico
- 643 ascorbic acid stimulates antibacterial functions**  
(Vit.)  
(Vitamin physiology; vitamin C in immunological functions e.g. in white blood cells.)  
*d* Ascorbinsäure *f* regt die antibakterielle Funktionen na  
*f* acide *m* ascorbique stimule des fonctions antibactériennes  
*p* ácido *m* ascórbico estimula as funções antibacterianas
- 644 asepsis**  
(Med.)  
(Absence of disease causing microorganisms.)  
*d* Asepsis *f*; Keimfreiheit *f*  
*f* asepsie *f*  
*p* assepsia *f*
- 645 aseptic; germfree** *adj*  
(Med.)  
(Complete absence of microorganisms.)  
*d* aseptisch; keimfrei  
*f* aseptique; exempt des germes infectieux  
*p* asséptico; isento de germes infecciosos
- 646 aseptic environment**  
(Med.)  
(Sterile environment for manipulation of substances under aseptic conditions.)  
*d* aseptisches Milieu *n*; keimfreie Umwelt *f*  
*f* milieu *m* aseptique  
*p* ambiente *m* asséptico
- 647 aseptic manipulation of substances**  
(Prod.)  
(Pharmaceutical processes.)  
*d* aseptische Handhabung *f* der Substanzen; keimfreie Handhabung *f* der Substanzen  
*f* manipulation *f* aseptique des substances  
*p* manipulação *f* asséptica das substâncias
- 648 asexual generation**  
(Med.)  
(Microorganisms; generation of spores; certain asexual plants (also: cell division) etc.)  
*d* ungeschlechtliche Zeugung *f*; geschlechtslose Zeugung *f*; asexuelle Generation *f*; asexuale Generation *f*  
*f* génération *f* asexuelle  
*p* geração *f* asexual
- 649 ash content of a powder**  
(Prod.)  
(Pharmaceutical technology: ref. to production and characteristics of pharmaceutical powders: indicates the quantity of mineral substances.)  
*d* Aschegehalt *m* eines Pulvers  
*f* teneur *f* en cendres d'une poudre  
*p* teor *m* de cinzas de um pó
- 650 asparaginase**  
(Enz.)  
(This enzyme splits up the nonessential amino acid asparagine into aspartic acid (frequently contained in protein units) – see entry: aspartic acid – and ammonia; used in the treatment of leukaemia.)  
*d* Asparaginase *f*  
*f* asparaginase *f*  
*p* asparaginase *f*
- 651 asparagine**  
(Enz.)  
(Enzymology;  $C_4H_8N_2O_3$ ; alpha-aminosuccinamic acid; nonessential amino acid; aspartic acid ( $C_4H_7NO_4$ )-amide.)  
*d* Asparagin *n*  
*f* asparagine *f*  
*p* asparagina *f*
- \* **asparaginic acid** → 652
- 652 aspartic acid; asparaginic acid**  
(Enz.)  
( $C_4H_7NO_4$ ; nonessential amino acid (can be synthesized by the body).)  
*d* Asparaginsäure *f*

- f* acide *m* aspartique  
*p* ácido *m* aspártico
- 653 assimilation of food substances**  
(Med.)  
(Assimilation here: digestion and absorption of food ingredients and consequent intake into the cells of the organism.)  
*d* Assimilation *f* von Nahrungsmitteln; Verarbeitung *f* von Nahrungssubstanzen  
*f* assimilation *f* des substances de la nutrition  
*p* assimilação *f* das substâncias da nutrição
- 654 association of pantothenic acid with pyridoxine**  
(Vit.)  
(Vitamins in physiology.)  
*d* Verbindung *f* der Pantothensäure mit Pyridoxin  
*f* association *f* de l'acide pantothénique avec la pyridoxine  
*p* associação *f* de ácido pantotênico com a piridoxina
- 655 association of various polypeptide chains**  
(Enz.)  
(Enzymology; ref. to protein structure, chains of amino acids.)  
*d* Verbindung *f* mehrerer Polypeptid-Ketten  
*f* association *f* de plusieurs chaînes polypeptidiques  
*p* associação *f* de várias cadeias polipeptídicas
- 656 association with the ergosterol in the membrane of the fungus**  
(Ant.)  
(Action of polyene antibiotics and antifungus on the fungi.)  
*d* Bindung *f* an das Ergosterol innerhalb der Pilzmembrane  
*f* association *f* au ergostérol dans la membrane du champignon; association *f* au ergostérol dans la membrane du fungus  
*p* ligação *f* ao ergosterol na membrana do fungo
- 657 assure v the biologic innocuousness of a medicamentous substance**  
(Prod.)  
(Pharmaceutical technology; ref. to research, control processes etc.)  
*d* biologische Unschädlichkeit einer medikamentösen Substanz sichern  
*f* assurer l'innocuité biologique d'une substance médicamenteuse  
*p* assegurar a inocuidade biológica de uma substância medicamentosa
- 658 aster**  
(Cyt.)  
(Rays localized about a centriole in mitotic and meiotic cell division.)  
*d* Aster *m*  
*f* aster *m*  
*p* áster *m*
- 659 asthenie**  
(Vit.)  
(Organic weakness, e.g. due to vitamin B<sub>12</sub>-deficiency.)  
*d* Asthenie *f*; Schwäche *f*  
*f* asthénie *f*  
*p* astenia *f*
- 660 astringent; styptic**  
(Prod.)  
(Medicinal drug, cell shrinking effect, e.g. in facial lotions etc. for bleeding reduction.)  
*d* Adstringens *n*; Blutstillungsmittel *n*  
*f* astringent *m*; styptique *m*  
*p* adstringente *m*; estíptico *m*
- 661 asymmetric carbon-atom**  
(Mol.)  
(Molecular biology; ref. to optical activity, its cause.)  
*d* asymmetrisches Kohlenstoffatom *n*  
*f* carbone-atome *m* asymétrique  
*p* átomo *m* carbônico assimétrico
- 662 athermanous adj**  
(Prod.)  
(Impermeable to heat radiation; glass is athermanous to wave length of 1.5µm; cause of the greenhouse effect: passing of sunlight rays (sunbeams), however without return passage (from the interior) of infrared radiation, thus impossibility of cooling off.)  
*d* atherman; adiatherman; wärmeundurchlässig  
*f* athermane  
*p* atérmano
- 663 athymia; absence of the thymus; absence of the thymic hormone**  
(Horm.)  
(Thymus gland controls in infancy e.g. the immune response to foreign proteins.)  
*d* Athymie *f*; Thymusmangel *m*; Thymushormonmangel *m*  
*f* athymie *f*; carence *f* du thymus; carence *f* de l'hormone thymique  
*p* atimia *f*; ausência *f* do timo; ausência *f* do hormônio tímico

- 664 atmospheric humidity**  
(Prod.)  
(Pharmaceutical technology: ref. to wetness of the atmosphere which might cause conservation problems with hygroscopic substances.)  
*d* Luftfeuchtigkeit *f*  
*f* humidité *f* atmosphérique  
*p* umidade *f* atmosférica
- 665 atom as smallest structural unit of matter**  
(Mol.)  
(Molecular biology; definition of matter.)  
*d* Atom *n* als kleinste strukturelle Einheit der Materie  
*f* atome *m* comme l'unité structurelle plus petite de la matière  
*p* átomo *m* como unidade estrutural menor da matéria
- \* **atom bridge** → 957
- 666 atom distance**  
(Mol.)  
(E.g. distance between atom nuclei within a molecule.)  
*d* Atomabstand *m*  
*f* distance *f* des atomes  
*p* distância *f* dos átomos
- 667 atomic bond**  
(Mol.)  
(A chemical bond: covalent bond: see this entry.)  
*d* Atombindung *f*  
*f* liaison *f* atomique  
*p* ligação *f* atômica
- 668 atomic chain**  
(Mol.)  
(Molecule structure: line of atoms of the same kind.)  
*d* Atomkette *f*  
*f* chaîne *f* atomique  
*p* cadeia *f* atômica; cadeia *f* de átomos
- \* **atomic energy level** → 671
- 669 atomic nucleus; nucleus of the atom**  
(Mol.)  
(The mass containing atom centre, with nucleons (protons, neutrons); hydrogen (H): one proton only.)  
*d* Atomkern *n*  
*f* noyau *m* de l'atome  
*p* núcleo *m* atômico; núcleo *m* do átomo
- 670 atomic number; proton number**  
(Mol.)  
(Molecular biology; symbol: Z; ref. to the number of protons in the atom nucleus.)  
*d* Atomnummer *f*; Protonenzahl *f*; Kernladungszahl *f*; Ordnungszahl *f*  
*f* numéro *m* atomique; numéro *m* des protons  
*p* número *m* atômico; número *m* de prótons
- \* **atomic orbit** → 2208
- \* **atomic orbital** → 672
- 671 atomic shell; atomic energy level**  
(Mol.)  
(Molecular biology; K, L, M, N, O P, Q.)  
*d* Hauptschale *f* des Atoms; Energieniveau *n* des Atoms  
*f* couche *f* atomique; niveau *m* électronique  
*p* camada *f* do átomo; nível *m* eletrônico
- 672 atomic subshell; atomic orbital**  
(Mol.)  
(Molecular biology; ref. to atomic structure, e.g. s, p, d, f etc.)  
*d* Unterschale *f* des Atoms  
*f* sous-couche *f* atomique  
*p* subnível *m* do átomo; orbital *m* do átomo
- 673 atom model**  
(Mol.)  
(Structural design of an atom.)  
*d* Atommodell *n*  
*f* modèle *m* atomique  
*p* modelo *m* atômico
- \* **ATP** → 179
- 674 atrial natriuretic factor**  
(Horm.)  
(ANF; atriopeptin; blood pressure regulating, cardiac atrial-hormone; stimulation of the natriuresis (sodium excretion by urine) and diuresis (excretion of urine).)  
*d* natrium-uretischer Faktor *m* der Herzvorkammer; natrium-hamtreibender Faktor *m* des Herzvorhofes  
*f* facteur *m* natriurétique de l'oreille  
*p* fator *m* nátrio-urético do átrio
- 675 atriopeptin**  
(Horm.)  
(ANF; see entry: atrial natriuretic factor.)  
*d* Atriopeptin *n*  
*f* atriopeptine *f*  
*p* atriopeptina *f*

- 676 atrophic gums**  
(Vit.)  
(Vitamin deficiencies as e.g. vitamin C  
hipovitaminosis, lack of folic acid etc. cause  
of various illnesses of the gums.)  
*d* atrophisches Zahnfleisch *n*;  
Zahnfleischwund *m*  
*f* gencives *fpl* atrophiques  
*p* gengivas *fpl* atróficas; gingivas *fpl* atróficas
- 677 atrophy of the optical nerve**  
(Vit.)  
(E.g. due to vitamin B<sub>12</sub>-deficiency.)  
*d* Atrophie *f* des Sehnervs  
*f* atrophie *f* du nerf optique  
*p* atrofia *f* do nervo ótico
- 678 atropine**  
(Prod.)  
(C<sub>17</sub>H<sub>23</sub>NO<sub>3</sub>; dl-Hyoscyamine;  
medicamentous substance; see entries:  
derivatives of tropanol (tropine) and deadly  
nightshade. Use: anticholinergic  
(acetylcholine inhibiting) effects.)  
*d* Atropin *n*  
*f* atropine *f*  
*p* atropina *f*
- 679 atropine is a competitive antagonist of  
acetylcholine action**  
(Pharm.)  
(Atropine (C<sub>17</sub>H<sub>23</sub>NO<sub>3</sub>), a mydriatic,  
cycloplegic used in ophthalmological  
therapy.)  
*d* Atropin *n* ist ein kompetitiver Antagonist der  
Acetylcholin-Funktion  
*f* atropine *f* est un antagoniste compétitif de  
l'action de l'acétylcholine  
*p* atropina *f* é um antagonista competitivo da  
ação da acetilcolina
- 680 atropine sulphate**  
(Prod.)  
((C<sub>17</sub>H<sub>23</sub>NO<sub>3</sub>)<sub>2</sub>.H<sub>2</sub>SO<sub>4</sub>.H<sub>2</sub>O; medicamentous  
substance; from "Atropa belladonna L."; used  
as a mydriatic, see this entry and "deadly  
nightshade"; also: respiratory stimulant;  
inhibition of smooth muscle spasms etc  
(antidote: pilocarpine).)  
*d* Atropinsulfat *n*  
*f* sulfate *m* d'atropine  
*p* sulfato *m* de atropina
- 681 attack-increasing factor**  
(Med.)  
(Ref. to the intensification conditions of a  
disease, as there are: nicotine, alcohol, stress  
etc.)  
*d* anfallsverstärkender Faktor *m*  
*f* facteur *m* d'intensification de l'attaque  
*p* fator-intensificador *m* do ataque
- 682 attack of a disease; fit of a disease**  
(Med.)  
(Type of disease outbreak.)  
*d* Anfall *m* einer Krankheit  
*f* attaque *m* d'une maladie; accès *m* d'une  
maladie; atteinte *f* d'une maladie  
*p* ataque *m* de uma doença; acesso *m* de uma  
doença
- 683 attenuated pathogenic toxin**  
(Prod.)  
(Pharmaceutical technology; ref. to toxoids;  
see this entry.)  
*d* abgeschwächtes Erregergift *n*  
*f* toxines *fpl* pathogènes atténuées  
*p* toxinas *fpl* patogênicas atenuadas
- \* **attenuated pathogens** → 4125
- 684 attenuated viruses**  
(Prod.)  
(Pharmaceutical technology; e.g. in vaccine  
production; polio immunology.)  
*d* abgeschwächte Viren *npl*  
*f* virus *mpl* atténués  
*p* vírus *mpl* atenuados
- \* **attenuation** → 1714
- 685 attenuation**  
(Prod.)  
(Pharmaceutical technology; ref. e.g. to  
reduction of virulence of bacteria, for  
immunization purposes.)  
*d* Abschwächung *f*  
*f* atténuation *f*; affaiblissement *m*  
*p* atenuação *f*
- 686 attitude; posture**  
(Anat.)  
(Ref. to body care.)  
*d* Haltung *f*  
*f* attitude *f*; posture *f*  
*p* postura *f*; posição *f* do corpo
- \* **attractive chemotaxis** → 4913
- \* **attrition on rolling** → 2750
- 687 atypical symptom**  
(Vit.)  
(E.g. ref. to vitamin deficiency.)  
*d* atypisches Symptom *n*

- f* symptôme *m* atypique  
*p* sintoma *m* atípico
- 688 aureomycin; chlortetracycline**  
(Ant.)  
(Biotechnology; C<sub>22</sub>H<sub>23</sub>ClN<sub>2</sub>O<sub>8</sub>; from "Streptomyces aureofaciens"; against gram-positive and gram-negative bacteria.)  
*d* Aureomycin *n*; Chlortetracyclin *n*  
*f* auréomycine *f*; chlortétracycline *f*  
*p* aureomicina *f*; clorotetraciclina *f*
- 689 auricle**  
(Anat.)  
(Body part.)  
*d* Ohrmuschel *f*  
*f* pavillon *m* de l'oreille  
*p* pavilhão *m* da orelha; pavilhão *m* do ouvido
- \* **auricular administration of medicaments**  
→ **690**
- 690 auricular administration of medicinal drugs; auricular administration of medicaments**  
(Med.)  
(Ref. to administering of a specific kind of medicine: to the ear.)  
*d* aurikuläre Arzneimittelverabreichung *f*; aurikuläre Arzneimittelverabreichung *f*; Arzneimittelverabreichung *f* in die Ohren  
*f* administration *f* auriculaire des médicaments  
*p* administração *f* auricular dos medicamentos
- 691 autacid; endogenous active principle**  
(Pharm.)  
(Endogenous (i.e. produced by the organism), physiologically active substance, like e.g. serotonin.)  
*d* Autakoide *n*; körpereigener Wirkstoff *m*  
*f* autacoïde *m*; principe *m* actif endogène  
*p* autacóide *m*; princípio *m* ativo endógeno
- 692 autolytic fermentation**  
(Enz.)  
(Enzymology; tissue-breakdown by self-produced enzymes.)  
*d* autolytische Gärung *f*  
*f* fermentation *f* autolytique  
*p* fermentação *f* autolítica
- 693 automation of the sugar coating process**  
(Prod.)  
(Pharmaceutical technology; ref. to tableting processes; to be made possible by the use of certain auxiliaries as e.g. PVP.)  
*d* Automatisierung *f* des Prozesses der  
Zuckerfilmüberzugs-Herstellung  
*f* automatisisation *f* du processus de l'élaboration des revêtements à sucre  
*p* automatização *f* dos processos de elaboração de revestimentos à base de açúcar
- 694 autonomic nervous system**  
(Anat.)  
(Responsible for not consciously controlled body functions.)  
*d* vegetatives Nervensystem *n*; autonomes Nervensystem *n*; selbstständiges Nervensystem *n*  
*f* système *m* nerveux autonome; système *m* neurovégétatif  
*p* sistema *m* nervoso autônomo; sistema *m* neurovegetativo
- 695 autoproduction of a vitamin**  
(Vit.)  
(Characteristic of certain vitamins, occurring in the liver, as e.g. vitamin PP, niacin = nicotinic acid, nicotinamide (C<sub>6</sub>H<sub>6</sub>N<sub>2</sub>O). These three terms were called formerly "vitamin PP".)  
*d* Selbstproduktion *f* eines Vitamins  
*f* autoproduction *f* d'une vitamine  
*p* autoprodução *f* de uma vitamina
- 696 autosynthesis**  
(Vit.)  
(E.g. ref. to vitamin biochemistry/physiology.)  
*d* Eigensynthese *f*  
*f* autosynthèse *f*  
*p* auto-síntese *f*
- \* **autoxidation inhibition effect of ascorbic acid** → **697**
- 697 autoxidation inhibition effect of vitamin C; autoxidation inhibition effect of ascorbic acid**  
(Vit.)  
(Vitamin physiology ref. to oxidation-reaction with oxygen, in this case especially ref. to white blood cell-activity on which the vitamin acts positively.)  
*d* Hemmung *f* des Autoxidationseffekts durch Vitamin C; Hemmung *f* des Autoxidationseffekts durch Ascorbinsäure  
*f* effet *m* d'inhibition d'autoxydation par la vitamine C; effet *m* d'inhibition d'autoxydation par acide ascorbique  
*p* inibição *f* do efeito de auto-oxidação pela vitamina C; efeito *m* de inibição da auto-oxidação pela ácido ascórbico

- 698 autoxidation of the vitamin**  
(Vit.)  
(Vitamin technology; oxidation-reaction of a vitamin, with air-oxygen.)  
*d* Autoxidation *f* des Vitamins  
*f* autoxydation *f* vitaminique  
*p* auto-oxidação *f* vitamínica
- \* **autumn crocus** → 3950
- 699 auxiliaries as biologic reactives**  
(Enz.)  
(Biotechnology; ref. to reaction-definition/-regulation in processes, production etc.)  
*d* biologische Reaktionshilfsmittel *n/npl*  
*f* agents *mpl* auxiliaires comme des réactifs biologiques  
*p* auxiliares *mpl* como reativos biológicos
- 700 auxiliaries of different functions in suspensions**  
(Prod.)  
(Pharmaceutical technology; ref. e.g. to dyes, sugar, thickeners etc.)  
*d* Hilfsprodukte *npl* verschiedener Funktionen in Suspensionen  
*f* produits *mpl* auxiliaires des fonctions diverses dans des suspensions  
*p* produtos *mpl* auxiliares com funções diversas em suspensões
- 701 auxiliary; auxiliary product**  
(Prod.)  
(Pharmaceutical chemistry; a chemical auxiliary product; e.g. see entry: PVP/VA copolymer.)  
*d* Hilfsmittel *n*; Hilfsprodukt *n*  
*f* produit *m* auxiliaire; agent *m* auxiliaire; substance *f* adjuvante  
*p* auxiliar *m*; produto *m* auxiliar
- 702 auxiliary content**  
(Vit.)  
(Vitamin technology, ref. to vitamin preparations for further processing.)  
*d* Hilfsmittel-Gehalt *m*  
*f* teneur *f* en produits auxiliaires  
*p* conteúdo *m* de produtos auxiliares
- 703 auxiliary for drug solubilization**  
(Prod.)  
(Pharmaceutical technology; the solubilization of a medicament can be improved by certain auxiliaries, e.g. by certain PVP types.)  
*d* Hilfsprodukt *n* zur Löslichmachung der Medikamente  
*f* produit *m* auxiliaire pour la solubilisation du médicament  
*p* produto *m* auxiliar para a solubilização de medicamentos
- 704 auxiliary incorporated in dry form as a fine powder**  
(Prod.)  
(Pharmaceutical processes: tableting procedures.)  
*d* Hilfsstoff *m*, in trockener Form als Feinpulver eingearbeitet  
*f* produit *m* auxiliaire incorporé à sec en poudre fine  
*p* produto *m* auxiliar incorporado a seco em forma de pó fino
- \* **auxiliary product** → 701
- 705 auxiliary solvent**  
(Prod.)  
(Pharmaceutical technology; auxiliary.)  
*d* Hilfslösemittel *n*  
*f* solvant *m* auxiliaire  
*p* solvente *m* auxiliar
- 706 auxiliary substance incorporated in form of a solution**  
(Prod.)  
(Pharmaceutical processes: tableting procedures.)  
*d* Hilfsstoff *m* in Form einer Lösung eingearbeitet  
*f* substance *f* adjuvante incorporée en solution  
*p* substância *f* auxiliar incorporada em forma de solução
- 707 available iodine**  
(Prod.)  
(Pharmaceutical technology; used in PVP-skin-disinfection products.)  
*d* verfügbares Jod *n*  
*f* iode *m* disponible  
*p* iodo *m* disponível
- 708 average deviation**  
(Prod.)  
(Pharmaceutical technology; ref. to difference from standards e.g. in analysis.)  
*d* durchschnittliche Abweichung *f*  
*f* déviation *f* moyenne  
*p* desvio *m* médio
- 709 average drug dose**  
(Pharm.)  
(Average dosage quantity of an active principle.)  
*d* durchschnittliche Arzneimitteldosis *f*

- f* dose *f* moyenne d'un médicament  
*p* dose *f* média de um medicamento
- \* **average molecular weight** → 3951
- 710 average values**  
 (Vit.)  
 (Ref. to vitamin/enzyme biochemistry.)  
*d* Durchschnittswerte *mpl*  
*f* valeurs *fpl* moyennes  
*p* valores *mpl* médios
- 711 avidin-bound biotin**  
 (Vit.)  
 (Avidin, an egg white protein with high affinity to biotin, turning it inactive, due to its resistance to digestive enzymes.)  
*d* an Avidin gebundenes Biotin *n*  
*f* biotine *f* liée a l'avidine  
*p* biotina *f* ligada à avidina
- 712 avitaminosis**  
 (Vit.)  
 (Deficiency disease caused by lack of one or more vitamins; e.g. beriberi; vitamin B<sub>1</sub> deficiency; C: scurvy; D: rickets.)  
*d* Avitaminose *f*; Vitaminmangelkrankheit *f*  
*f* avitaminose *f*  
*p* avitaminose *f*
- 713 avitaminosis due to malnutrition**  
 (Vit.)  
 (Vitamin physiology; avitaminosis due to deficient nutrition.)  
*d* Avitaminose *f* durch Mangelernährung  
*f* avitaminose *f* due à la malnutrition  
*p* avitaminose *f* em consequência de alimentação deficiente
- 714 avitaminosis due to subnutrition**  
 (Vit.)  
 (Vitamin physiology; avitaminosis due to lack of nutrition.)  
*d* Avitaminose *f* durch Unterernährung  
*f* avitaminose *f* due à la dénutrition  
*p* avitaminose *f* em consequência da desnutrição
- 715 avitaminous** *adj*  
 (Vit.)  
 (Ref. to deficiency caused by lack of one or more vitamins; e.g. foodstuff characteristic.)  
*d* vitaminarm; avitaminös  
*f* avitaminique; pauvre en vitamines  
*p* carente de vitaminas; pobre em vitaminas
- \* **avitaminous anaemia** → 276
- \* **avoid v liver passage** → 1329
- 716 axon**  
 (Anat.)  
 (Extension of the nerve fibre, conducting nerve impulses away from the cell.)  
*d* Axon *n*  
*f* axone *m*  
*p* axônio *m*
- 717 azeotropic composition**  
 (Prod.)  
 (Pharmaceutical chemistry; see entry: azeotropic mixtures.)  
*d* azeotrope Zusammensetzung *f*  
*f* composition *f* azéotrope  
*p* composição *f* azeotrópica
- 718 azeotropic distillation**  
 (Enz.)  
 (Biotechnology; ref. to distillation of azeotropic mixtures; employed e.g. in the production of anhydrous alcohol.)  
*d* Azeotropdestillation *f*  
*f* distillation *f* azéotrope  
*p* destilação *f* azeotrópica
- 719 azeotropic mixtures**  
 (Enz.)  
 (Biotechnology; liquid mixture with constant minimum/maximum boiling point, being lower/higher than that of its constituents; unseparable by distillation; see entry: azeotropic distillation.)  
*d* azeotrope Gemische *npl*  
*f* mélanges *mpl* azéotropes  
*p* misturas *fpl* azeotrópicas
- \* **azimuthal quantum number** → 4479
- 720 azymia; lack of ferment**  
 (Enz.)  
 (Absence of ferments, which are organisms causing fermentation by its enzymes, in a wider sense called: enzyme.)  
*d* Fermentmangel *m*  
*f* azymie *f*; manque *m* de ferment  
*p* azimia *f*; falta *f* de fermento

# B

- 721 bacillary** *adj*  
(Med.)  
(E.g. as in: "bacillary dysentery.")  
*d* bazillenbedingt; bazillenbezüglich  
*f* bacillaire  
*p* bacilar
- 722 bacilliform** *adj*  
(Med.)  
(In form of bacilli: bacilliform spores.)  
*d* bazillenförmig  
*f* bacilliforme  
*p* bacilliforme
- 723 bacillus**  
(Med.)  
(Rod-shaped bacterium (bacilli *pl*)).  
*d* Bazille *f*  
*f* bacille *m*  
*p* bacilo *m*
- 724 bacitracin**  
(Ant.)  
(Antibiotic polypeptide produced by "Bacillus subtilis"; use: topical against gram-positive bacteria, infections resistant to penicillin.)  
*d* Bacitracin *n*  
*f* bacitracine *f*  
*p* bacitracina *f*
- 725 bacterial contamination**  
(Med.)  
(E.g. to be treated by certain antibiotics.)  
*d* Ansteckung *f* durch Bakterien; bakterielle Infizierung *f*  
*f* contamination *f* bactérienne  
*p* contaminação *f* bacteriana
- 726 bacterial genetics**  
(Cyt.)  
(Ref. to research with microorganisms.)  
*d* Bakterienvererbung *f*; Bakteriengenetik *f*  
*f* génétique *f* des bactéries  
*p* genética *f* das bactérias
- 727 bacterial incubation**  
(Med.)  
(Ref. to the process of bacterial cultures, e.g. in research, for therapy etc.)  
*d* bakterielle Inkubation *f*; Ausbrütung *f* von Bakterien  
*f* incubation *f* de bactéries  
*p* incubação *f* de bactérias
- 728 bacterial insensitiveness to certain antibiotics**  
(Ant.)  
(Ref. to characteristics of certain bacterial stems.)  
*d* Unempfindlichkeit *f* von Bakterien gegenüber gewissen Antibiotika  
*f* insensibilité *f* bactérienne à certains antibiotiques  
*p* insensibilidade *f* bacteriana a certos antibióticos
- \* **bacterial population** → 4908
- 729 bacterial resistance determined by the plasmid**  
(Ant.)  
(Bacterial resistance via the plasmid, an extrachromosomal bacterial DNA-ring, with autonomous replication capacity.)  
*d* plasmidbedingte Bakterienresistenz *f*  
*f* résistance *f* plasmidique des bactéries  
*p* resistência *f* plasmídica das bactérias
- 730 bacterial resistance due to chromosomal mutations**  
(Ant.)  
(Antibiotics; ref. to genetic alterations in bacterial chromosome.)  
*d* Bakterienwiderstandsfähigkeit *f* als Folge von Chromosom-Mutationen (Veränderungen im Erbgefüge)  
*f* résistance *f* bactérienne due à des mutations chromosomiques  
*p* resistência *f* bacteriana devida à mutações cromossômicas
- 731 bacterial resistance due to spontaneous mutation**  
(Ant.)  
(Bacterial resistance via spontaneous mutation; see also entry: bacterial resistance due to chromosomal mutation.)  
*d* Bakterienwiderstandsfähigkeit *f* in Folge spontaner Mutation  
*f* résistance *f* bactérienne due à la mutation spontanée  
*p* resistência *f* bacteriana devido à mutação espontânea
- 732 bacterial resistance oriented by genes**  
(Ant.)  
(Ref. to the resistance mechanism of bacteria against antibiotic action.)



- d* Resistenz *f* der Bakterien durch Gene orientiert; Bakterienwiderstandsfähigkeit *f* durch Erbräger geleitet  
*f* résistance *f* des bactéries orientée par des gènes  
*p* resistência *f* das bactérias orientada por genes
- 733 bacterial target enzyme of the antibiotic** (Ant.)  
 (Ref. to antibiotic inactivation by bacterial enzyme modification.)  
*d* Zielenzym *n* der Bakterie für das Antibiotikum  
*f* enzyme *f* cible bactérienne de l'antibiotique  
*p* enzima-alvo *f* bacteriana do antibiótico
- 734 bacterial wall** (Ant.)  
 (Target site for antibiotic action.)  
*d* Bakterienwand *f*  
*f* paroi *f* bactérienne  
*p* parede *f* bacteriana
- 735 bacteria of malolactic fermentation** (Enz.)  
 (Biotechnology; enology: wine fermentation, e.g. ref. to "Lactobacillus".)  
*d* Bakterien *fp*l der malolaktischen Gärung; Bakterien *fp*l malolaktischer Gärung  
*f* bactéries *fp*l de la fermentation malolactique  
*p* bactérias *fp*l da fermentação malolática
- 736 bactericidal** *adj* (Ant.)  
 (Ref. to bacteria killing active substances: e.g. antibiotics; also: antiseptics etc.)  
*d* bakterizid  
*f* bactéricide  
*p* bactericida
- 737 bactericidal action** (Ant.)  
 (Ref. to bacteria-killing active principles like antibiotics; see entry: fungicidal action.)  
*d* bakterizide Wirkung *f*; keimtötende Wirkung *f*  
*f* action *f* bactéricide  
*p* ação *f* bactericida
- 738 bactericidal action on proliferating germs** (Ant.)  
 (E.g. ref. to aminoglycosides; see this entry.)  
*d* bakterizide Wirkung *f* auf proliferierende Keime; keimtötende Wirkung *f* auf sich vermehrende Keime  
*f* action *f* bactéricide sur des germes en prolifération  
*p* ação *f* bactericida sobre os germes em
- proliferação
- 739 bactericidal antibiotic effect** (Ant.)  
 (Ref. to germ-killing antibiotic drug properties.)  
*d* bakterizide antibiotische Wirkung *f*  
*f* effet *m* bactéricide antibiotique  
*p* efeito *m* bactericida antibiótico
- 740 bactericidal intensity of action** (Pharm.)  
 (Properties of certain active principles.)  
*d* bakterizide Wirkungsintensität *f*  
*f* intensité *f* d'action bactéricide  
*p* intensidade *f* de ação bactericida
- 741 bactericide** (Ant.)  
 (Antibiotics: a chemotherapeutic bacteria killing substance.)  
*d* Bakterizid *n*  
*f* bactéricide *m*  
*p* bactericida *m*
- 742 bacteriological culture substrate** (Prod.)  
 (Pharmaceutical technology; e.g. ref. to culture processes of germs: cultivation in nutrient media.)  
*d* bakteriologisches Nährsubstrat *n*  
*f* substrat *m* de culture bactériologique  
*p* substrato *m* de cultura bacteriológica
- 743 bacteriological purity** (Prod.)  
 (Pharmaceutical chemistry; ref. to control operations of pharmaceutical substances etc.)  
*d* bakteriologische Reinheit *f*  
*f* pureté *f* bactériologique  
*p* pureza *f* bacteriológica
- 744 bacteriolysis** (Ant.)  
 (Destruction of germ cells by lysis provoked by penicillin intervention.)  
*d* Bakteriolyse *f*  
*f* bactériolyse *f*  
*p* bacteriólise *f*
- 745 bacteriophage; phage** (Cyt.)  
 (DNA or RNA virus which attacks, infecting bacteria; it replicates in the bacterial cell, destroying it; see also entry: transduction.)  
*d* Bakteriophage *m*  
*f* bactériophage *m*  
*p* bacteriófago *m*; fago *m*

- 746 bacteriostasis; reversible inhibition of germ growth**  
(Ant.)  
(Penicillin keeps germs in this latent state were they have no murein synthesis; active germs, with murein synthesis for cell wall construction, undergo penicillin intervention, thus destruction.)  
*d* Bakteriostase *f*; umkehrbare Keimwachstumshemmung *f*  
*f* bactériostase *f*; inhibition *f* réversible de la croissance des germes  
*p* bacteriostase *f*; inibição reversível de crescimento de germes
- 747 bacteriostatic effect of antibiotics**  
(Ant.)  
(Inhibiting bacteria-proliferation.)  
*d* bakteriostatischer Effekt *m* der Antibiotika; bakteriostatische Wirkungserfolg *m* der Antibiotika  
*f* effet *m* bactériostatique des antibiotiques  
*p* efeito *m* bacteriostático dos antibióticos
- 748 bacteriostatic power**  
(Prod.)  
(Pharmaceutical technology; bacteriostasis (bacteria growth inhibition) causing characteristic of an active principle.)  
*d* bakteriostatische Wirksamkeit *f*; bakteriostatische Wirkung *f*; bakteriostatische Kraft *f*  
*f* pouvoir *m* bactériostatique  
*p* poder *m* bacteriostático
- 749 balance of the energy metabolism**  
(Horm.)  
(Ref. to glucocorticoid-activity.)  
*d* Gleichgewicht *n* des energetischen Metabolismus; Ausgewogenheit *f* des Energiemetabolismus  
*f* balance *f* du métabolisme énergétique  
*p* equilibrio *m* de metabolismo energético
- 750 balsam tolu; thomas balsam**  
(Phyto.)  
("Toluifera balsamum L.; Leguminosae". Use: expectorant ingredient.)  
*d* Tolu-Balsam *m*; Tolubalsam *m*  
*f* baume *m* de Tolu  
*p* bálsamo-de-tolu *m*
- 751 balsam tree; pistachio**  
(Phyto.)  
("Pistacia lentiscus L.; Anacardiaceae"; medicamentous prime material (mastic); laxative; depurative; febrifuge.)  
*d* Pistazie *f*
- f* lentisque *m*; pistachier *m*  
*p* aroreira *f*
- 752 bandage; dressing**  
(Prod.)  
(Pharmaceutical technology; material applied to a wound.)  
*d* Verband *m*  
*f* bandage *m*  
*p* ligadura *f*; penso *m*; atadura *f*
- 753 bardana extract; burdock extract; lappa extract**  
(Phyto.)  
("Arctium lappa L", "Arctium minus Bernh"; medicamentous substance: e.g. dermatitis, depurative (blood-purifying).)  
*d* Klettenextrakt *m*; Klettenauszug *m*  
*f* extrait *m* de bardane  
*p* extrato *m* de bardana; extrato *m* da bardana-maior
- \* **barrier film** → 3695
- 754 barrier layer**  
(Prod.)  
(Pharmaceutical technology; ref. to the instability of the active principle towards interaction with other substances in tableting; requiring a barrier layer, a protective layer.)  
*d* Barrierschicht *f*  
*f* couche-barrière *f*  
*p* camada-barreira *f*
- 755 basal cell layer of the epidermis**  
(Anat.)  
("Stratum basale"; skin cell layer.)  
*d* Basalzellschicht *f* der Oberhaut  
*f* couche *f* de cellules basales de l'épiderme; couche *f* basale  
*p* camada *f* de células basais da epiderme; estrato *m* basal
- 756 basal layer**  
(Anat.)  
("Stratum basale"; Skin cell layer.)  
*d* Basalzellschicht *f*  
*f* couche *f* basale  
*p* estrato *m* basal
- 757 base-acid equilibrium**  
(Med.)  
(Ref. to normal proportion between the acid and basic elements of organic fluids.)  
*d* Basensäuregleichgewicht *n*  
*f* équilibre *m* basacidique  
*p* equilibrio *m* ácido-básico

- 758 based *adj* on lactose**  
(Prod.)  
(Pharmaceutical chemistry and production technology.)  
*d* auf Basis von Laktose; auf Milchzucker-Basis  
*f* à base de lactose  
*p* à base de lactose  
(Pharmaceutical technology; ref. to tableting; see entry: tablet production.)  
*d* Charge *f* von Tablettkernen  
*f* charge *f* de noyaux des comprimés  
*p* carga *f* de núcleos de comprimidos
- 759 basicity; basicity degree**  
(Prod.)  
(Pharmaceutical chemistry; ref. to pH range; product characteristic.)  
*d* Basizität *f*; Grad *m* der Basizität  
*f* basicité *f*; degré *m* de basicité  
*p* basicidade *f*; grau *m* da basicidade  
  
\* **basicity degree** → 759
- 760 basic medicament; alkaline medicament**  
(Prod.)  
(Pharmaceutical chemistry; ref. to alkaline (pH more than 7) product (drug) characteristic.)  
*d* basisches Medikament *n*; alkalisches Medikament *n*  
*f* médicament *m* basique; médicament *m* alcalin  
*p* medicamento *m* básico; medicamento *m* alcalino
- 761 basic molecular skeleton**  
(Mol.)  
(Ref. to the undeformable part of the molecule.)  
*d* Grundskelett *n* des Moleküls; molekulares Grundgerüst *n*  
*f* squelette *m* moléculaire de base  
*p* esqueleto *m* molecular básico
- 762 basil**  
(Phyto.)  
(Genus "Ocimum"; medicinal herb of the mint family; use: antispasmodic, expectorant, constipation, sedative, galactagogue (milk-secretion stimulating).)  
*d* Basilienkraut *n*; Basilikum *n*  
*f* basilic *m*  
*p* manjeiricão *m*
- 763 batch analysis**  
(Prod.)  
(Pharmaceutical technology; analytical method process.)  
*d* Chargenanalyse *f*  
*f* analyse *f* de charges  
*p* análise *f* de lotes; análise *f* do lote
- 764 batch of tablet cores**  
(Prod.)  
(Pharmaceutical technology; ref. to tableting; see entry: tablet production.)  
*d* Charge *f* von Tablettkernen  
*f* charge *f* de noyaux des comprimés  
*p* carga *f* de núcleos de comprimidos
- 765 batch operations**  
(Prod.)  
(Pharmaceutical processes; ref. to discontinuous production operations.)  
*d* Operationen *fpl* nach Chargen; Operationen *fpl* nach Partien  
*f* opérations *fpl* en charges  
*p* operações *fpl* por lotes
- 766 bearberry; uva ursi**  
(Phyto.)  
("Arcostaphylos uva-ursi (L.), Spreng. Ericaceae", medicinal plant; medicinal substance: arbutin; ursin (see this entry); use: urinary antiseptic, diuretic, for nephritis etc.)  
*d* Bärentraube *f*; Wolfsbeere *f*  
*f* busserole *f*; uva-ursi *m*  
*p* uva-ursina *f*  
  
\* **bearberry bark** → 1092
- 767 become *v* resin by polymerization**  
(Phyto.)  
(Ref. to undesirable characteristics of essences.)  
*d* durch Polymerisation verharzen  
*f* résinifier par polymérisation  
*p* resinificar por polimerização
- 768 begin of fermentation; fermentation start**  
(Enz.)  
(Biotechnology; fermentation as a biotechnological process.)  
*d* Gärungsbeginn *m*  
*f* début *m* de fermentation  
*p* início *m* de fermentação
- 769 be *v* in a condition of concentration**  
(Phyto.)  
(Ref. to the properties of certain extracts; extraction technique in production of active principles.)  
*d* sich im Zustand der Konzentration befinden  
*f* trouver sous condition de concentration  
*p* encontrar-se sob condição de concentração
- 770 benzene; benzol**  
(Prod.)  
(Pharmaceutical chemistry; C<sub>6</sub>H<sub>6</sub>; raw material for the production of medicinal chemicals; coal-sequence chemistry.)  
*d* Benzol *n*

- f* benzène *m*  
*p* benzeno *m*
- 771 benzodiazepine**  
(Prod.)  
(C<sub>9</sub>H<sub>8</sub>N<sub>2</sub>; group of aromatic lipophilic (lipid affinity) amines; medicamentous substance; original active principle (see entry). Use: e.g. anxiolytic, tranquilizer.)  
*d* Benzodiazepin *n*  
*f* benzodiazépine *f*  
*p* benzodiazepina *f*
- 772 benzoic acid**  
(Vit.)  
(C<sub>7</sub>H<sub>6</sub>O<sub>2</sub>; benzenecarboxylic acid; in vitamin technology used as a preservative.)  
*d* Benzoessäure *f*; Benzolcarbonsäure *f*  
*f* acide *m* benzoïque  
*p* ácido *m* benzóico
- \* **benzol** → 770
- 773 benzyl alcohol**  
(Prod.)  
(Pharmaceutical chemistry; C<sub>7</sub>H<sub>8</sub>O;  
phenylmethanol; auxiliary; e.g. a preservative.)  
*d* Benzylalkohol *m*  
*f* alcool *m* benzylique  
*p* alcool *m* benzílico
- 774 benzyl nicotinate**  
(Vit.)  
(Nicotinic acid benzyl ester; nicotinic acid (vitamin B<sub>3</sub>)-derivative used as rubefacient (skin warming/skin reddening).)  
*d* Benzylnikotinát *n*  
*f* nicotinate *m* benzylique  
*p* nicotinato *m* benzílico
- 775 benzylpenicillin; penicillin G**  
(Ant.)  
(Free penicillin G; free benzylpenicillin; C<sub>16</sub>H<sub>18</sub>N<sub>2</sub>O<sub>4</sub>S. In 1939/40 E.B.Chain and H.W. Florey isolated penicillin G from cultures of *Penicillium notatum*.)  
*d* Benzylpenicillin *n*; Penicillin *n* G  
*f* benzylpénicilline *f*; pénicilline *f* G  
*p* benzilpenicilina *f*; penicilina *f* G
- 776 berberine**  
(Phyto.)  
(C<sub>20</sub>H<sub>19</sub>NO<sub>5</sub>; see entry: berberis.)  
*d* Berberin *n*  
*f* berbérine *f*  
*p* berberina *f*
- 777 berberis**  
(Phyto.)  
(Genus "Berberis L., Berberidaceae"; active principle: berberine; use: febrifuge, carminative; also: ext. ulcer treatment.)  
*d* Berberitze *f*; Sauerdom *m*  
*f* berbérís *m*; épine-vinette *f*  
*p* berberis *m*
- 778 beriberi**  
(Vit.)  
(Vitamin B<sub>1</sub> (thiamine) deficiency-disease, a nutritional disorder with nervous degeneration – mainly in regions where nutrition is based on polished rice.)  
*d* Beriberi *f*  
*f* béríbéri *m*  
*p* beribéri *m*
- 779 beriberic adj**  
(Vit.)  
(Ref. to beriberi, disease due to vitamin B<sub>1</sub> (thiamine) deficiency.)  
*d* beriberisch  
*f* béríbérique  
*p* beribérico
- 780 beriberigenic-vitamin B<sub>1</sub>-deficient diet**  
(Vit.)  
(Ref. to diet supplementation necessity with vitamins of the vitamin B complex.)  
*d* Beriberi-verursachende Vitamin B<sub>1</sub>-Mangeldiät *f*  
*f* diète *f* béríbérique de carence en vitamine B<sub>1</sub>  
*p* dieta *f* beribérica de carência em vitamina B<sub>1</sub>
- 781 beriberi heart disease**  
(Vit.)  
(Vitamin B<sub>1</sub> deficiency disease.)  
*d* Beriberi-Herzkrankheit *f*  
*f* maladie *f* cardiaque béríbérique  
*p* doença *f* cardíaca beribérica
- 782 beta blocker**  
(Prod.)  
(A drug, preventing the stimulation of β-adrenergic receptors; see entry: β-adrenergic receptor.)  
*d* Betablocker *m*  
*f* bêtabloquant *m*  
*p* betabloqueador *m*
- 783 beta-carotene; provitamin A**  
(Vit.)  
(C<sub>40</sub>H<sub>56</sub>; retinol precursor; e.g. treatment of dermatitis.)  
*d* Beta-Carotin *n*; Provitamin *n* A

- f* bêta-carotène *m*; provitamine *f* A  
*p* beta-caroteno *m*; provitamina *f* A
- 784 beta-carotene capsule**  
 (Vit.)  
 (Vitamin technology; a solid vitamin preparation, containing provitamin A.)  
*d* Beta-Carotin Kapsel *f*  
*f* capsule *f* de bêta-carotène  
*p* cápsula *f* de beta-caroteno
- 785 beta-carotene composition**  
 (Vit.)  
 (Vitamin technology; formulation combination having beta-carotene (provitamin A) as an active agent.)  
*d* Beta-Carotin-Zusammenstellung *f*;  
 Beta-Carotin-Komposition *f*  
*f* composition *f* en bêta-carotène  
*p* composição *f* de beta-caroteno
- 786 beta-carotene dry powder dispersible in cold water**  
 (Vit.)  
 (Vitamin technology; a beta-carotene form.)  
*d* beta-Carotin-Trockenpulver *n*, dispergierbar in kaltem Wasser  
*f* poudre *f* sèche de bêta-carotène, dispersible dans l'eau froide  
*p* beta-caroteno *m* pó seco, dispersível em água fria
- 787 betahydroxybutyric dehydrogenase**  
 (Enz.)  
 (Dehydrogenase: oxidoreductase; an enzyme catalysing oxidation-reduction reactions in the human body, (in this case: acetic acid oxidizing).)  
*d* Betahydroxybuttersäure-Dehydrogenase *f*;  
 Betahydroxybuttersäure-Dehydrase *f*  
*f* déshydrogénase *f* bêtahydroxybutyrique;  
 déhydrase *f* bêtahydroxybutyrique  
*p* deshidrogenase *f* betahidroxibutírica
- 788 beta-lactam antibiotics**  
 (Ant.)  
 (Denomination of penicillins and cephalosporins. Penicillin and cephalosporin are chemically related, as both show the beta-lactam ring.)  
*d* Betalaktamantibiotika *npl*  
*f* antibiotiques *mpl* bêta-lactame  
*p* antibióticos *mpl* beta-lactama
- 789 beta-lactamase**  
 (Ant.)  
 (A cyclic bacterial (staphylococcus) amide, inactivating penicillins.)
- d* beta-Lactamase *f*  
*f* bêta-lactamase *f*  
*p* beta-lactamase *f*
- 790 beta-lactamase sensitivity of penicillins**  
 (Ant.)  
 (Due to unstableness of the beta-lactam cycle; see this entry.)  
*d* beta-Lactamase-Empfindlichkeit *f* von Penicillinen  
*f* sensibilité *f* des pénicillines à des bêta-lactamases  
*p* sensibilidade *f* das penicilinas às beta-lactamases
- 791 beta-lactam cycle**  
 (Ant.)  
 (Antibiotics: is the core of penicillins.)  
*d* beta-Lactamring *m*  
*f* cycle *m* bêta-lactame  
*p* ciclo *m* beta-lactama
- 792 beta-methylnaphthalene; 2-methylnaphthalene**  
 (Vit.)  
 (C<sub>10</sub>H<sub>8</sub>; (C<sub>11</sub>H<sub>10</sub>); to be found in the synthesis course of vitamin K<sub>3</sub>, menadione.)  
*d* beta-Methylnaphthalin *n*; 2-Methylnaphthalin *n*  
*f* bêta-méthylnaphtalène *m*;  
 méthyl-2-naphtalène *m*  
*p* beta-metilnaftalina *f*; metilo-2-naftalina *f*
- 793 beta-oxidation; β-oxidation**  
 (Vit.)  
 (Oxidative fatty-acid decomposition.)  
*d* beta-Oxidation *f*; β-Oxidation *f*  
*f* bêta-oxydation *f*; β-oxydation *f*  
*p* oxidação *f* beta; oxidação-β *f*; beta-oxidação *f*
- 794 beta-oxidation of fatty acids**  
 (Enz.)  
 (Ref. to biochemical processes in the Krebs-cycle of cell respiration.)  
*d* Betaoxidation *f* der Fettsäuren  
*f* bêta-oxydation *f* des acides gras  
*p* beta-oxidação *f* dos ácidos graxos
- 795 beta-1-selective beta blocker**  
 (Prod.)  
 (Ref. to a beta blocker which acts specially on the adrenergic beta-1-receptors of the heart.)  
*d* selektiver beta-1-Blocker *m*  
*f* bêtabloquant *m* bêta-1-sélectif  
*p* betabloqueador *m* beta-1-seletivo
- 796 betulin**  
 (Phyto.)  
 (C<sub>30</sub>H<sub>50</sub>O<sub>2</sub>; active principle of "birch", see this entry.)

- d* Betulin *n*  
*f* betuline *f*  
*p* betulina *f*
- \* **BHA** → 986
- \* **BHT** → 987
- \* **bibasic acids** → 1901
- 797 biconvex dragée; dragée convex on both sides**  
 (Prod.)  
 (Pharmaceutical technology; pharmaceutical form and special design of a dragée.)  
*d* bikonvexes Dragee *n*; beiderseits konvexes Dragee *n*  
*f* dragée *f* biconvexe; dragée *f* convexe des deux côtés  
*p* drágea *f* biconvexa; drágea *f* convexa dos dois lados
- 798 bidistilled water**  
 (Prod.)  
 Pharmaceutical technology; prime material for research and production processes.)  
*d* zweifach destilliertes Wasser *n*; doppeltdestilliertes Wasser *n*  
*f* eau *f* bidistillée  
*p* água *f* bidestilada
- 799 bifunctional monomer**  
 (Prod.)  
 (Pharmaceutical technology; ref. to certain polymerization processes.)  
*d* bifunktionelles Monomer *n*  
*f* monomère *m* bifonctionnel  
*p* monômero *m* bifuncional
- 800 bilateral parestesia**  
 (Vit.)  
 (Sensation of creeping etc. on the skin, e.g. due to vitamin B<sub>12</sub>-deficiency.)  
*d* beiderseitige Paresthesie *f*; zweiseitige abnorme Empfindung *f*  
*f* paresthésie *f* bilatérale; perception *f* de sensations anormales bilatérales  
*p* parestesia *f* bilateral; sensação *f* falsa dos dois lados
- 801 binary adj**  
 (Prod.)  
 (Pharmaceutical chemistry; ref. to a composition made of two chemicals.)  
*d* binär  
*f* binaire  
*p* binário
- 802 binary compound**  
 (Prod.)  
 (Pharmaceutical chemistry; e.g. a composition made of two chemicals.)  
*d* binäre Verbindung *f*  
*f* composé *f* binaire  
*p* composto *m* binário
- 803 binder**  
 (Prod.)  
 (Auxiliary in pharmaceutical technology and production, e.g. improves tablet hardness.)  
*d* Bindemittel *n*  
*f* liant *m*  
*p* ligante *m*
- 804 binder for granules**  
 (Prod.)  
 (Pharmaceutical technology: in tablet production.)  
*d* Bindemittel *n* für Granulate  
*f* liant *m* pour granules  
*p* ligante *m* para grânulos
- 805 binder for hard gelatin[e] capsules**  
 (Vit.)  
 (Vitamin technology; containing e.g. a multivitamin-/trace elements powder-mixture filling.)  
*d* Bindemittel *n* für Hartgelatine kapseln  
*f* liant *m* pour capsules de gélatine dure  
*p* ligante *m* para cápsulas de gelatina dura
- 806 binder for vitamin tablets**  
 (Vit.)  
 (Vitamin technology; e.g. polyvinylpyrrolidone – PVP.)  
*d* Vitamintablettenbindemittel *n*  
*f* liant *m* pour comprimés vitaminiques  
*p* ligante *m* para comprimidos de vitaminas
- 807 binder in direct compression of vitamin tablets**  
 (Vit.)  
 (Pharmaceutical technology: ref. to tablet-production auxiliaries and production method.)  
*d* Bindemittel *n* in der Direktverpressung von Vitamintabletten  
*f* liant *m* dans la compression directe des comprimés vitaminiques  
*p* ligante *m* na compressão direta dos comprimidos de vitaminas
- 808 binder solution for granulation**  
 (Prod.)  
 (Pharmaceutical technology: tablet production.)

- d* Bindemittellösung *f* für die Granulierung  
*f* liant *m* en solution pour la granulation  
*p* solução *f* ligante para a granulação
- 809 binding capacity in tablets of vitamin granules**  
 (Vit.)  
 (Vitamin technology, compared with mixtures, granules offer a higher binding effect.)  
*d* Bindefähigkeit *f* in Tabletten von Vitamin-Granulaten  
*f* capacité *f* liante dans des comprimés en granules vitaminiques  
*p* capacidade *f* ligante em comprimidos de grânulos vitamínicos; capacidade *f* de ligação em comprimidos de grânulos vitamínicos
- 810 binding capacity of auxiliaries**  
 (Prod.)  
 (Pharmaceutical technology: ref. to tablet-production auxiliaries and to production methods.)  
*d* Bindefähigkeit *f* von Hilfsmitteln  
*f* capacité *f* liante des produits auxiliaires  
*p* capacidade *f* ligante dos produtos auxiliares
- 811 binding effect**  
 (Prod.)  
 (Pharmaceutical technology: tablet production, e.g. characteristic of certain auxiliaries.)  
*d* Bindungseffekt *m*; Bindewirkung *f*  
*f* effet *m* liant  
*p* efeito *m* ligante
- 812 binding excipient**  
 (Prod.)  
 (Pharmaceutical technology: auxiliary in production of pharmaceutical forms.)  
*d* bindende Trägersubstanz *f*  
*f* excipient *m* liant  
*p* excipiente *m* ligante
- 813 binding granulate**  
 (Prod.)  
 (Pharmaceutical technology; in tableting; granulate characteristic to promote the adherence of the revesting material on the tablet core.)  
*d* bindendes Granulat *n*  
*f* granulé *m* liant  
*p* granulado *m* ligante
- 814 binding power**  
 (Prod.)  
 (Pharmaceutical processes: tablet production, tableting.)
- d* Bindungskraft *f*  
*f* pouvoir *m* liant  
*p* poder *m* ligante
- 815 binding power for tableting**  
 (Vit.)  
 (Pharmaceutical technology, vitamin tablet production.)  
*d* Bindungskraft *f* für die Tablettierung  
*f* pouvoir *m* liant pour la compression de comprimés  
*p* poder *m* ligante para a compressão de comprimidos
- 816 binding protein of the hormone**  
 (Horm.)  
 (Certain hormones are secreted together with binding proteins.)  
*d* Bindungsprotein *n* des Hormones  
*f* protéine *f* de liaison de l'hormone  
*p* proteína *f* de ligação do hormônio
- 817 bio-activator of enzymes**  
 (Enz.)  
 (Ref. to certain trace elements.)  
*d* Enzym-Bioaktivator *m*  
*f* bio-activateur *m* d'enzymes  
*p* bio-ativador *m* de enzimas
- 818 bioavailability**  
 (Vit.)  
 (Vitamin technology, ref. e.g. to the characteristics of vitamins in pharmaceutical preparations.)  
*d* Bioverfügbarkeit *f*; Biodisponibilität *f*  
*f* biodisponibilité *f*  
*p* biodisponibilidade *f*
- 819 bioavailability improvement**  
 (Vit.)  
 (Pharmaceutical technology; in this case esp.: vitamin bioavailability in pharmaceutical vitamin preparations.)  
*d* Bioverfügbarkeitsverbesserung *f*  
*f* amélioration *f* de la biodisponibilité  
*p* melhoramento *m* da biodisponibilidade
- 820 bioavailability improvement of active principles by polyvinylpyrrolidone**  
 (Prod.)  
 (Pharmaceutical technology; example of application of PVP.)  
*d* Bioverfügbarkeitsverbesserung *f* von Wirkstoffen durch Polyvinylpyrrolidon  
*f* amélioration *f* de la biodisponibilité de principes actifs par la polyvinylpyrrolidone  
*p* melhoramento *m* da biodisponibilidade de princípios ativos pela polivinilpirrolidona

- 821 bioavailability increase of the active principle**  
(Prod.)  
(Pharmaceutical chemistry; ref. to drug characteristics.)  
*d* Erhöhung *f* der Bioverfügbarkeit des Wirkstoffes  
*f* augmentation *f* de la biodisponibilité du principe actif  
*p* aumento *m* da biodisponibilidade do principio ativo
- 822 bioavailability of drugs**  
(Prod.)  
(Pharmaceutical technology; e.g. characteristic of a final pharmaceutical form.)  
*d* Bioverfügbarkeit *f* von Medikamenten  
*f* biodisponibilité *f* des médicaments  
*p* biodisponibilidade *f* dos medicamentos
- 823 bioavailability of vitamin in a tablet**  
(Vit.)  
(Vitamin technology, ref. to the quality of a vitamin-tablet.)  
*d* Bioverfügbarkeit *f* eines Vitamins in einer Tablette  
*f* biodisponibilité *f* d'une vitamine dans un comprimé  
*p* biodisponibilidade *f* de uma vitamina num comprimido
- 824 bioavailability regarding vitamins**  
(Vit.)  
(Vitamin technology ref. e.g. to the characteristics of vitamins in pharmaceutical preparations.)  
*d* Bioverfügbarkeit *f* im Zusammenhang mit Vitaminen; Vitamine betreffende Biodisponibilität *f*  
*f* biodisponibilité *f* concernant des vitamines  
*p* biodisponibilidade *f* referente às vitaminas
- 825 biocatalyzer**  
(Enz.)  
(E.g. hormones, ferments and vitamins as active principles, accelerating biochemical reactions.)  
*d* Biokatalysator *m*  
*f* biocatalyseur *m*  
*p* biocatalisador *m*
- 826 biochemical adsorption**  
(Enz.)  
(Enzymatic activation by surface active substances.)  
*d* biochemische Adsorption *f*  
*f* adsorption *f* biochimique  
*p* adsorção *f* bioquímica
- 827 biochemical bacterial mechanism**  
(Ant.)  
(Ref. to the resistance mechanisms of bacteria against antibiotic drugs.)  
*d* biochemischer Bakterienmechanismus *m*  
*f* mécanisme *m* biochimique bactérien  
*p* mecanismo *m* bioquímico bacteriano
- \* **biochemical balance** → 822
- \* **biochemical breakdown** → 828
- 828 biochemical decomposition; biochemical breakdown**  
(Prod.)  
(Pharmaceutical chemistry; ref. to separation into constituent parts; also: decay.)  
*d* biochemischer Abbau *m*  
*f* décomposition *f* biochimique  
*p* decomposição *f* bioquímica
- 829 biochemical diagnosis**  
(Vit.)  
(Diagnosis type in biochemistry.)  
*d* biochemische Diagnose *f*  
*f* diagnostic *m* biochimique  
*p* diagnóstico *m* bioquímico
- 830 biochemical diagnosis in vitamin production**  
(Vit.)  
(Diagnosis type in vitamin biochemistry.)  
*d* biochemische Diagnose *f* in der Vitaminproduktion  
*f* diagnostic *m* biochimique dans la production des vitamines  
*p* diagnóstico *m* bioquímico na produção de vitaminas
- 831 biochemical disequilibrium**  
(Enz.)  
(E.g. due to vitamin-/enzyme-/protein deficiencies and troubles of processing.)  
*d* biochemisches Mißverhältnis *n*; biochemische Unausgeglichenheit *f*  
*f* déséquilibre *m* biochimique  
*p* desequilíbrio *m* bioquímico
- 832 biochemical equilibrium; biochemical balance**  
(Med.)  
(Necessary for the maintenance of health.)  
*d* biochemische Ausgeglichenheit *f*; biochemisches Gleichgewicht *n*  
*f* équilibre *m* biochimique  
*p* equilíbrio *m* bioquímico



- 833 biochemically obtained modified penicillin compound**  
(Ant.)  
(Antibiotics; ref. to semisynthetic penicillin; see this entry; biotechnology.)  
*d* biochemisch gewonnene abgewandelte Penicillin-Verbindung *f*  
*f* composé *m* de pénicilline obtenu biochimiquement et modifié  
*p* composto *m* de penicilina bioquimicamente obtido e modificado
- 834 biochemical mechanisms**  
(Vit.)  
(E.g. ref. to vitamin-dependence of biochemical processes.)  
*d* biochemische Mechanismen *mpl*  
*f* mécanismes *mpl* biochimiques  
*p* mecanismos *mpl* bioquímicos
- 835 biochemical reaction**  
(Vit.)  
(Ref. to vitamin activity.)  
*d* biochemische Reaktion *f*  
*f* réaction *f* biochimique  
*p* reação *f* bioquímica
- 836 biochemical reaction of tissular construction**  
(Vit.)  
(Ref. to vitamin intramitochondrial activity.)  
*d* biochemische Reaktion *f* des Gewebeaufbaues  
*f* réaction *f* biochimique de construction tissulaire  
*p* reação *f* bioquímica de construção tissular
- 837 biochemical structures of the hormones**  
(Horm.)  
(The structural groups are either polypeptidic or nonpolypeptidic.)  
*d* biochemische Hormonstrukturen *fpl*;  
biochemischer Hormonaufbau *m*  
*f* structures *fpl* biochimiques des hormones  
*p* estruturas *fpl* bioquímicas dos hormônios
- 838 biochemical synthesis of steroid hormones**  
(Horm.)  
(Promoted e.g. by vitamin A.)  
*d* biochemische Synthese *f* von Steroidhormonen  
*f* synthèse *f* biochimique des hormones stéroïdes  
*p* síntese *f* bioquímica de hormônios esteróides
- 839 biochemical unit of the protein**  
(Enz.)  
(Enzymology; ref. to amino acids as basic substance.)  
*d* biochemische Einheit *f* des Proteins  
*f* unité *f* biochimique de la protéine  
*p* unidade *f* bioquímica da proteína
- 840 biocidal action**  
(Prod.)  
(Pharmaceutical technology; life-destructive action e.g. against microorganisms.)  
*d* biozide Wirkung *f*; lebenabtötende Wirkung *f*  
*f* action *f* biocide  
*p* ação *f* biocida
- 841 biocollagen**  
(Prod.)  
(Biotechnology; product of applied biological science; in hair treatment.)  
*d* Biokollagen *n*  
*f* biocollagène *m*  
*p* biocolagênio *m*
- 842 biocompatibility**  
(Prod.)  
(Ref. to substances tolerated by the living organism; e.g. not causing immunological rejection.)  
*d* Bioverträglichkeit *f*; Biokompatibilität *f*  
*f* biocompatibilité *f*  
*p* biocompatibilidade *f*
- 843 bioconversion**  
(Enz.)  
(Biotechnology as applied biological science aimed at industrial exploitation: material conversion by processes involving living organisms obtaining an energy source (e.g. obtaining methane-gas (CH<sub>4</sub>) by fermentation.)  
*d* Biokonversion *f*; Bio-Umwandlung *f*  
*f* bioconversion *f*  
*p* bioconversão *f*
- 844 biodegradability**  
(Prod.)  
(Ref. to substances capable to be broken down into an innocuous state by microorganisms.)  
*d* Bioabbaubarkeit *f*; biologische Abbaubarkeit *f*  
*f* biodégradabilité *f*  
*p* biodegradabilidade *f*
- 845 biodegradable detergents**  
(Prod.)  
(Pharmaceutical technology; a detergent which can be broken down by microorganisms into innocuous substances.)  
*d* abbaufähige Detergentia *npl*

- f* détergents *mpl* biodégradables  
*p* detergentes *mpl* biodegradáveis
- \* **biodegradation** → 846
- 846 biodeterioration; biodegradation**  
 (Prod.)  
 (Ref. to substances undergoing a breakdown process by microbial activity; e.g. in biotechnology.)  
*d* Biodeterioration *f*; biologische Wertminderung *f*; biologische Verschlechterung *f*  
*f* biodétérioration *f*; biodégradation *f*  
*p* biodeterioração *f*; biodegradação
- 847 bioenergetic** *adj*  
 (Med.)  
 (Ref. to bioenergetics, exchanges and transformations of energy.)  
*d* bioenergetisch  
*f* bioénergétique  
*p* bioenergético
- 848 bioenergetic cellular effect**  
 (Vit.)  
 (Vitamin technology; characteristics of vitamin activity.)  
*d* bioenergetische Auswirkung *f* auf die Zellen  
*f* effet *m* bioénergétique cellulaire  
*p* efeito *m* bioenergético celular
- 849 bioenergetic cellular system**  
 (Vit.)  
 (Ref. to vitamin activity in the cells, esp. to vitamins of the B-group.)  
*d* bioenergetisches System *n* der Zelle  
*f* système *m* bioénergétique cellulaire  
*p* sistema *m* bioenergético celular; sistema *m* bioenergético da célula
- 850 bioenergetic oxidoreduction**  
 (Vit.)  
 (Ref. to vitamin biochemistry/physiology; ref. to oxidation-reduction processes (electron transfer).)  
*d* bioenergetische Oxydations-Reduktion *f*  
*f* oxydo-réduction *f*/bioénergétique  
*p* oxydo-redução *f*/bioenergética
- 851 biogas**  
 (Enz.)  
 (Biotechnology in industrial production; gas mixture, produced by bacterial degradation of biomass; used as fuel, for domestic use: kitchen stove.)  
*d* Biogas *n*; Faulgas *n*
- f* biogaz *m*  
*p* biogás *m*
- 852 biological activity of an active principle within the organism**  
 (Pharm.)  
 (Ref. to active principles and their activity within the organism.)  
*d* biologische Wirksamkeit *f* eines Wirkstoffes im Organismus; biologische Aktivität *f* eines Wirkstoffes im Organismus  
*f* activité *f* biologique d'un principe actif dans l'organisme  
*p* atividade *f* biológica de um princípio ativo no organismo
- 853 biological adverse reactions**  
 (Pharm.)  
 (Ref. to side effects of medicamentous substances in the organism.)  
*d* biologische Gegenreaktionen *fppl*  
*f* réactions *fppl* adverses biologiques  
*p* reações *fppl* adversas biológicas
- 854 biological control**  
 (Prod.)  
 (Pharmaceutical technology: toxicological studies, tests on pharmacological activity etc.)  
*d* biologische Kontrolle *f*  
*f* contrôle *m* biologique  
*p* controle *m* biológico
- 855 biological drug**  
 (Phyto.)  
 (A nonchemical medicament, e.g. obtained from medicinal plants.)  
*d* biologisches Arzneimittel *n*  
*f* médicament *m* biologique  
*p* medicamento *m* biológico
- 856 biological effectiveness**  
 (Vit.)  
 (Pharmaceutical technology; e.g. ref. to specific starting materials for vitamin production.)  
*d* biologische Wirksamkeit *f*  
*f* efficacité *f* biologique  
*p* eficácia *f* biológica; eficiência *f* biológica
- 857 biological function of ascorbic acid**  
 (Vit.)  
 (Vitamin physiology; vitamin C and its destructive activity on free radicals in the organism.)  
*d* biologische Funktion *f* der Ascorbinsäure  
*f* fonction *f* biologique de l'acide ascorbique  
*p* função *f* biológica do ácido ascórbico

- 858 biologically active compound**  
(Pharm.)  
(Product active in the organism.)  
*d* biologisch wirkende Verbindung *f*; biologisch wirksame Verbindung *f*  
*f* composé *m* biologiquement actif  
*p* composto *m* biologicamente ativo
- 859 biologically active thiamin[e] form**  
(Vit.)  
(Ref. to thiamine pyrophosphate chloride, cocarboxylase; (C<sub>12</sub>H<sub>19</sub>ClN<sub>4</sub>O<sub>7</sub>P<sub>2</sub>S.H<sub>2</sub>O).)  
*d* biologisch wirkende Thiaminform *f*;  
biologisch wirksame Thiaminform *f*  
*f* forme *f* biologiquement active de la thiamine  
*p* forma *f* de tiamina biologicamente ativa
- 860 biological preparation on the base of the yeast saccharomyces**  
(Phyto.)  
(Certain saccharomyces-type used for the development of intestinal flora; against proliferation of pathogenic germs; (biotechnology).)  
*d* biologisches Präparat *n* auf der Basis von Saccharomyzen-Ferment  
*f* préparation *f* biologique à base de la levure saccharomyces  
*p* preparado *m* biológico à base de levedo saccharomyces
- 861 biological procedure**  
(Enz.)  
(Biotechnology as applied biological science aimed at industrial exploitation.)  
*d* biologisches Verfahren *n*; biologische Verfahrensweise *f*  
*f* procédé *m* biologique  
*p* procedimiento *m* biológico
- 862 biological procedures**  
(Enz.)  
(Biotechnology; ref. to biotechnics.)  
*d* biologische Verfahren *npl*  
*f* procédés *mpl* biologiques  
*p* processos *mpl* biológicos; procedimientos *mpl* biológicos
- 863 biological reaction**  
(Pharm.)  
(E.g. biological incompatibility reaction.)  
*d* biologische Reaktion *f*  
*f* réaction *f* biologique  
*p* reação *f* biológica
- 864 biological secretions as hom[o]eopathic prime material**  
(Homoeop.)  
(Hom[o]eopathic prime material, like e.g. "Bothrops lanceolatus", the coagulating snake poison of the Yellow Snake of Martinique (island West Indies).)  
*d* biologische Sekretionen *fpl* als homöopathisches Ausgangsmaterial  
*f* sécrétions *fpl* biologiques comme matière première homéopathique  
*p* secreções *fpl* biológicas como matéria prima homeopática
- 865 biological target of a molecule**  
(Mol.)  
(Ref. to the activity of the drug principle on molecular basis.)  
*d* biologischer Zielort *m* eines Moleküls  
*f* cible *f* biologique d'une molécule  
*p* alvo *m* biológico de uma molécula
- 866 biological vitamin activity**  
(Vit.)  
(Vitamin physiology; measured in IU (international units) per gram.)  
*d* biologische Vitamin-Aktivität *f*; biologische Vitamin-Wirkung *f*  
*f* activité *f* biologique vitaminique  
*p* atividade *f* biológica vitamínica; atividade *f* biológica da vitamina
- 867 biological antioxidant effect of vitamins**  
(Vit.)  
(Vitamin activity against free radicals, e.g. vitamin C.)  
*d* biologischer antioxidierender Effekt *m* von Vitaminen; biologische antioxidierende Wirkung *f* von Vitaminen  
*f* effet *m* biologique antioxydante de vitamines  
*p* efeito *m* biológico antioxydante de vitaminas
- 868 biologic function**  
(Enz.)  
(Enzymology, one of the protein-classification criterion.)  
*d* biologische Funktion *f*  
*f* fonction *f* biologique  
*p* função *f* biológica
- 869 biologic stabilizer for pharmaceutical preparations**  
(Prod.)  
(Pharmaceutical technology: ref. to preservation auxiliaries which prevent – within a pharmaceutical medium – any biological process which could affect its stability.)  
*d* biologische Stabilisatoren *mpl* pharmazeutischer Zubereitungen

- f* stabilisants *mpl* biologiques de préparations pharmaceutiques
- p* estabilizadores *mpl* biológicos para preparados farmacêuticos
- 870 biomass**  
(Enz.)  
(Biotechnology; mass of the organic substance of living beings in a given area, e.g. of microorganisms of the same type (for research etc).)
- d* Biomasse *f*
- f* biomasse *f*
- p* biomassa *f*
- 871 biomass as renewable source of fuel**  
(Prod.)  
(Biotechnology as applied biological science.)
- d* Biomasse *f* als erneuerungsfähige Kraftstoff-Quelle
- f* biomasse *f* comme une source renouvelable de carburants
- p* biomassa *f* como fonte renovável de combustível
- 872 biophysics**  
(Prod.)  
(Ref. to physical processes of living organisms.)
- d* Biophysik *f*
- f* biophysique *f*
- p* biofísica *f*
- 873 biopolymer**  
(Enz.)  
(Biotechnology; ref. e.g. to industrial biotechnological production of polysaccharides.)
- d* Biopolymer *n*
- f* biopolymère *m*
- p* biopolímero *m*
- 874 biosynthesis**  
(Enz.)  
(Synthesis type of chemical production by living organisms in biotechnology.)
- d* Biosynthese *f*
- f* biosynthèse *f*
- p* biossíntese *f*
- 875 biosynthesis of methionine**  
(Vit.)  
(Vitamin biochemistry; C<sub>5</sub>H<sub>11</sub>NO<sub>2</sub>S; a sulphur-containing essential amino acid, produced by folic acid and vitamin B<sub>12</sub> activity.)
- d* Biosynthese *f* von Methionin
- f* biosynthèse *f* de la méthionine
- p* biossíntese *f* da metionina
- 876 biosynthesis of methionine as a step of protein synthesis**  
(Vit.)  
(C<sub>5</sub>H<sub>11</sub>NO<sub>2</sub>S; by folic acid and vitamin B<sub>12</sub>-activity.)
- d* Biosynthese *f* von Methionin als eine Etappe der Proteinsynthese
- f* biosynthèse *f* de la méthionine comme une étape de la synthèse des protéines
- p* biossíntese *f* da metionina como uma etapa da síntese das proteínas
- 877 biosynthesis of the coA**  
(Vit.)  
(Biosynthesis in the cells, related to pantothenic acid; C<sub>9</sub>H<sub>17</sub>NO<sub>5</sub>; vitamin B; formerly vitamin B<sub>5</sub>.)
- d* Biosynthese *f* des CoA
- f* biosynthèse *f* de la coA
- p* biossíntese *f* da coA
- 878 biosynthesis of the second intracellular messenger**  
(Horm.)  
(This messenger is responsible for changing of cell functions, e.g. ref. to case of gland cells, in the sense of a secretion.)
- d* Biosynthese *f* des zweiten intrazellulären Botenstoffes
- f* biosynthèse *f* du second messenger intracellulaire; biosynthèse *f* du deuxième messenger intracellulaire
- p* biossíntese *f* segundo mensageiro intracelular
- 879 biosynthesis: production of a chemical compound by living microorganisms**  
(Ant.)  
(E.g. elaboration way of antibiotics.)
- d* Biosynthese *f*: Herstellung einer chemischen Verbindung durch lebende Mikroorganismen
- f* biosynthèse *f*: production d'un composé chimique par des micro-organismes
- p* biossíntese *f*: elaboração de um composto químico por microorganismos
- 880 biosynthetic differences**  
(Enz.)  
(E.g. referring to vitamin/enzyme biochemistry.)
- d* biosynthetische Unterschiede *mpl*
- f* différences *fppl* biosynthétiques
- p* diferenças *fppl* biossintéticas
- 881 biosynthetic penicillin derivatives**  
(Ant.)  
(Ref. to biotechnology in pharmaceutical research and production.)

- d* biosynthetische Penicillinabkömmlinge *npl*  
*f* dérivés *mpl* biosynthétiques de la pénicilline  
*p* derivados *mpl* biossintéticos da penicilina
- 882 biotechnics; biotechnology**  
 (Enz.)  
 (Applied biological science by which living organisms and enzymes produce valuable transformations for pharmacy.)  
*d* Biotechnik *f*  
*f* biotechnique *f*; biotechnologie *f*  
*p* biotécnica *f*
- 883 biotechnics in the elaboration of pharmaceutical products**  
 (Enz.)  
 (Biotechnology; example of applied biology for industrial production.)  
*d* Biotechnik *f* in der Herstellung pharmazeutischer Produkte  
*f* biotechnique *f* dans l'élaboration de produits pharmaceutiques  
*p* biotécnica *f* na elaboração de produtos farmacêuticos
- 884 biotechnics in the production of medicaments**  
 (Prod.)  
 (Biotechnology; in the production of medicamentous drugs.)  
*d* Biotechnik *f* in der Produktion von Arzneistoffen  
*f* biotechnique *f* dans la production de médicaments  
*p* biotécnica *f* na produção de medicamentos
- 885 biotechnological elaboration of an antibiotic**  
 (Ant.)  
 (Antibiotics; biotechnology, ref. to bioengineering.)  
*d* biotechnologische Entwicklung *f* eines Antibiotikums  
*f* élaboration *f* biotechnologique d'un antibiotique  
*p* elaboração *f* biotecnológica de um antibiótico
- 886 biotechnological procedures in foodstuff processing**  
 (Enz.)  
 (Biotechnology in industrial food production.)  
*d* biotechnologische Verfahren *npl* in der Lebensmittelverarbeitung  
*f* procédés *mpl* biotechnologiques dans la transformation des aliments  
*p* procedimentos *mpl* biotecnológicas no processamento de alimentos
- 887 biotechnological production of foodstuffs**  
 (Enz.)  
 (Biotechnology; example of applied biology for industrial production.)  
*d* biotechnologische Produktion *f* von Nahrungsmitteln  
*f* production *f* biotechnologique de produits destinés à l'alimentation  
*p* produção *f* biotecnológica de produtos destinados à alimentação
- 888 biotechnological products destined for alimentation**  
 (Enz.)  
 (Ref. to applied biotechnology aimed at industrial exploitation.)  
*d* für die Ernährung bestimmte biotechnologische Produkte *npl*  
*f* produits *mpl* biotechnologiques destinés à l'alimentation  
*p* produtos *mpl* biotecnológicos destinados à alimentação
- 889 biotechnological science in processing industry**  
 (Enz.)  
 (Biotechnology in food processing and foodstuff production.)  
*d* biotechnologische Wissenschaft *f* in der weiterverarbeitende Industrie  
*f* science *f* biotechnologique dans l'industrie de transformation  
*p* ciência *f* biotecnológica na indústria de transformação
- 890 biotechnological science in processing of agricultural products**  
 (Enz.)  
 (Biotechnology in agricultural produce (food) processing.)  
*d* biotechnologische Wissenschaft *f* in der Weiterverarbeitung landwirtschaftlicher Produkte  
*f* science *f* biotechnologique dans la transformation des produits agricoles  
*p* ciência *f* biotecnológica na transformação dos produtos agrícolas
- 891 biotechnologies in the production of seeds**  
 (Prod.)  
 (Biotechnology; products of applied biological science; ref. e.g. to selection of vegetable varieties.)  
*d* Biotechnologien *fpl* in der Samenherstellung  
*f* biotechnologies *fpl* dans la production des semences  
*p* biotecnologias *fpl* na produção de sementes

- 892 biotechnologies on the field of energy production**  
(Prod.)  
(Biotechnology in industrial production; gas mixture, produced by bacterial degradation of biomass; e.g. used as fuel.)
- d* Biotechnologien *fpl* auf dem Gebiet der Energieproduktion
- f* biotechnologies *fpl* dans le champ de la production énergétique
- p* biotecnologias *fpl* no campo da produção energética
- \* **biotechnology** → 882
- 893 biotechnology adjusted to industrial exploitation**  
(Prod.)  
(Biotechnology; biochemical elaboration of products aimed at industrial exploitation.)
- d* Biotechnologie *f* ausgerichtet auf industrielle Auswertung
- f* biotechnologie *f* alignée sur l'exploitation industrielle
- p* biotecnologia *f* alinhada à exploração industrial
- 894 biotechnology: applied biological science**  
(Prod.)  
(Biotechnology; biochemical elaboration of products aimed at industrial exploitation.)
- d* Biotechnologie *f*: angewandte biologische Wissenschaft
- f* biotechnologie *f*: science biologique appliquée
- p* biotecnologia *f*: ciência biológica aplicada
- 895 biotechnology as basis of biomedical research and relating production**  
(Enz.)  
(Biotechnology; example of applied biology for industrial production.)
- d* Biotechnologie *f* als Grundlage biomedizinischer Forschung und diesbezüglicher Produktion
- f* biotechnologie *f* comme base de la recherche biomédicale et de la production à cet effet
- p* biotecnologia *f* como base da pesquisa biomédica e da produção respetiva
- 896 biotechnology in foodstuff-fermentation processes**  
(Enz.)  
(Biotechnology in industrial production: food industry.)
- d* Biotechnologie *f* in Nahrungsmittelgärungs-Prozessen
- f* biotechnologie *f* dans des processus de la fermentation alimentaire
- p* biotecnologia *f* nos processos da fermentação de produtos alimentícios
- 897 biotechnology in interferon production processes**  
(Enz.)  
(Biotechnology; example of applied biology for industrial production.)
- d* Biotechnologie *f* in Herstellungsverfahren der Interferon-Produktion
- f* biotechnologie *f* dans les procédés de la production des interférons
- p* biotecnologia *f* nos processos de produção das interferonas
- 898 biotechnology in the pharmaceutical industry**  
(Enz.)  
(Biotechnology in the production of pharmaceuticals (penicillins etc.))
- d* Biotechnologie *f* in der Pharmaindustrie; Biotechnologie *f* in der pharmazeutischen Industrie
- f* biotechnologie *f* dans l'industrie pharmaceutique
- p* biotecnologia *f* na indústria farmacêutica
- 899 biotechnology in the production of biological reagents for laboratories**  
(Enz.)  
(Biotechnology; example of applied biology for industrial production.)
- d* Biotechnologie *f* in der Produktion von biologischen Reagenzien für Laboratorien
- f* biotechnologie *f* dans la production de réactifs biologiques destinés aux laboratoires
- p* biotecnologia *f* na produção de reagentes biológicos para laboratórios
- 900 biotechnology in the production of insulin**  
(Enz.)  
(Biotechnology; example of applied biology for industrial production.)
- d* Biotechnologie *f* in der Insulinherstellung
- f* biotechnologie *f* dans la production de l'insuline
- p* biotecnologia *f* na produção da insulina
- 901 biotechnology in vaccine production processes**  
(Enz.)  
(Biotechnology; example of applied biology for industrial production.)
- d* Biotechnologie *f* in Herstellungsverfahren der Impfstoff-Produktion

- f* biotechnologie *f* dans les procédés de la production des vaccins  
*p* biotecnologia *f* nos processos de produção de vacinas
- 902 biotherapeutic agents in hom[o]eopathy** (Homoeop.)  
 (Hom[o]eopathic material, to be used in its natural state, of pathological origin: e.g. "Vaccinium = Linfa (Lymph) vacinica".)  
*d* biotherapeutische Substanzen *fpl* in der Homöopathie  
*f* agents *mpl* biotériapiques en homéopathie; nosode *m* homéopathique  
*p* agentes *mpl* bioterapêuticos na homeopatia; nosódio *m* homeopático
- 903 biotherapy** (Prod.)  
 (Treatment with living active principles, e.g. with serums.)  
*d* Biotherapy *f*  
*f* biotériapie *f*  
*p* bioterapia *f*
- \* **biotin** → 6869
- 904 biotin, a growth vitamin** (Vit.)  
 (Vitamin physiology; ref. to the development of intestinal and microorganisms.)  
*d* Biotin *n*, ein Wachstumsvitamin  
*f* biotine *f*, une vitamine de croissance  
*p* biotina *f*, uma vitamina de crescimento
- 905 biotin as a cofactor for enzymes** (Vit.)  
 (Vitamin biochemistry; ref. to vitamin H-function in carboxylation reactions (biotin=vitamin H=C<sub>10</sub>H<sub>16</sub>N<sub>2</sub>O<sub>3</sub>S).)  
*d* Biotin *n* als Cofaktor für Enzyme  
*f* biotine *f* comme cofacteur des enzymes  
*p* biotina *f* como cofator de enzimas
- \* **biotin as coenzyme of the acetyl coA carboxylase** → 6870
- \* **biotin as coenzyme of the methyl crotonyl-coA carboxylase** → 6871
- \* **biotin as coenzyme of the propionyl-coA carboxylase** → 6872
- \* **biotin as coenzyme of the pyruvate carboxylase** → 6873
- \* **biotin deficiency** → 6875
- 906 biotin-dependent carboxylase** (Vit.)  
 (Vitamin H (biotin) physiology.)  
*d* biotinabhängige Carboxylase *f*; von Biotin abhängige Carboxylase *f*  
*f* carboxylase *f* biotine-dépendante  
*p* carboxilase *f* biotina-dependente
- 907 biotin has structural natural analogs; biotin has structural natural analogues; biotin has structural natural equivalents** (Vit.)  
 (Vitamin biochemistry ref. vitamin H.)  
*d* Biotin *n* hat natürliche strukturelle Äquivalente  
*f* biotine *f* a des analogues structuraux naturels; biotine *f* a des équivalentes structuraux naturels  
*p* biotina *f* há análogos estruturais naturais; biotina *f* há equivalentes estruturais naturais
- \* **biotin has structural natural analogues** → 907
- \* **biotin has structural natural equivalents** → 907
- 908 biotin in biosynthesis by intestinal flora** (Vit.)  
 (Vitamin physiology; ref. to vitamin H-synthesis by means of the intestinal flora.)  
*d* Biotin *n* in der Biosynthese durch die Darmflora  
*f* biotine *f* dans la biosynthèse par la flore intestinale  
*p* biotina *f* na biossíntese da flora intestinal
- 909 biotin in bound form** (Vit.)  
 (C<sub>10</sub>H<sub>16</sub>N<sub>2</sub>O<sub>3</sub>S; vitamin H; is a tissue cell constituent.)  
*d* Biotin *n* in gebundener Form  
*f* biotine *f* en forme liée  
*p* biotina *f* em forma ligada
- 910 biotransformation** (Mol.)  
 (Ref. to transformation of medicamentous molecules within the organism.)  
*d* Biotransformation *f*; Bio-Umwandlung *f*  
*f* biotransformation *f*  
*p* biotransformação *f*
- 911 biotransformation of the active principle** (Mol.)  
 (Biotransformation (see this entry) of an active principle within the organism.)  
*d* Biotransformation *f* des Wirkstoffes

- f* biotransformation *f* du principe actif  
*p* biotransformação *f* do princípio ativo
- 912 birch**  
 (Phyto.)  
 ("Betula alba L.; Betulaceae"; white birch;  
 use external: pomades, oils in skin treatment  
 (cellulitis, eczema etc.); internal: diuretic,  
 febrifuge, oedema, gout etc.; active principle:  
 betulin.)  
*d* Birke *f*  
*f* bouleau *m*  
*p* bétula *f*; vidoeiro *m*
- 913 bisulphate**  
 (Prod.)  
 (Pharmaceutical chemistry;  
 hydrogensulphate; an acid sulphate.)  
*d* Bisulfat *m*  
*f* sulfate *m* d'hydrogène; sulfate *m* acide  
*p* bissulfato *m*
- 914 bisulphide**  
 (Prod.)  
 (Pharmaceutical chemistry; disulphide.)  
*d* Bisulfid *n*  
*f* bisulfure *m*  
*p* bissulfeto *m*
- 915 bisulphite**  
 (Prod.)  
 (Pharmaceutical chemistry; hydrogen  
 sulphite; an acid sulphite.)  
*d* Bisulfit *n*  
*f* sulfite *m* d'hydrogène; sulfite *m* acide  
*p* bissulfito *m*
- \* **bitter salt** → 3912
- 916 bitter-sauer** *adj*  
 (Prod.)  
 (Pharmaceutical chemistry; organoleptic  
 characteristic; e.g. taste of a medicament.)  
*d* herb; bitter-sauer  
*f* acerbe; aigre-âpre  
*p* acerbo; azedo-amargo
- 917 bittersweet; dulcamara; scarlet berry;  
 woody nightshade**  
 (Phyto.)  
 ("Solanum dulcamara L., Solanaceae"; active  
 principle: dulcamarin (C<sub>22</sub>H<sub>43</sub>O<sub>10</sub>). Use: e.g. in  
 bronchitis.)  
*d* Bittersüß *n*  
*f* douce-amère *f*  
*p* doce-amarga *f*; dulcamara *f*; uva-de-cão *f*;  
 maria-preta *f*
- 918 bivalence**  
 (Mol.)  
 (Ref. to a valency of two; see entry: valency;  
 valence.)  
*d* Bivalenz *f*; Zweiwertigkeit *f*  
*f* bivalence *f*  
*p* bivalência *f*
- 919 bivalent atom**  
 (Mol.)  
 (Denoting chemical valencies of atoms; see  
 also entry: valence electron; valency  
 electron.)  
*d* zwertwertiges Atom *n*  
*f* atome *m* bivalent  
*p* átomo *m* bivalente
- 920 black elder tincture**  
 (Phyto.)  
 ("Sambucus nigra L., Caprifoliaceae";  
 medicinal plant, use: diaphoretic (increase in  
 sweating), diuretic, laxative, depurative  
 (blood-purifying).)  
*d* Tinktur *f* aus schwarzem Holunder  
*f* teinture *f* du sureau noir  
*p* tintura *f* do sabugueiro
- 921 black pepper**  
 (Phyto.)  
 ("Piper nigrum L., Piperaceae"; diuretic,  
 carminative, rubefacient (counterirritant).)  
*d* schwarzer Pfeffer *m*  
*f* poivre *m* noir  
*p* pimenta-negra *f*; pimenta-do-reino *f*
- \* **black-tang** → 2759
- \* **bladder-wrack** → 2759
- 922 blastogenesis**  
 (Med.)  
 (First state of embryonic development and  
 blastoderm formation.)  
*d* Blastogenese *f*  
*f* blastogênese *f*  
*p* blastogênese *f*
- 923 blastomere**  
 (Med.)  
 (Cell formed by cleavage of a fertilized egg.)  
*d* Blastomer *n*; Eifurchungszelle *f*  
*f* blastomère *m*  
*p* blastômero *m*
- 924 blepharitis**  
 (Med.)  
 (To be treated with antibiotic eye drops; see  
 this entry.)



- d* Augenlidrandenzündung *f*  
*f* blépharite *f*  
*p* blefarite *f*
- 925 blockade of receptors**  
 (Pharm.)  
 (Ref. to certain drug activity on the receptors.)  
*d* Rezeptorenblockade *f*  
*f* blocage *m* des récepteurs  
*p* bloqueio *m* dos receptores
- 926 blockade of hormone receptors**  
 (Horm.)  
 (Hormonal inhibition in medicine.)  
*d* Blockade *f* von Hormonrezeptoren;  
 Hormonrezeptorblockade *f*  
*f* blocage *m* des récepteurs hormonaux  
*p* blocagem *f* dos receptores hormonais
- 927 blocking of the fixation site of the target cell**  
 (Pharm.)  
 (Ref. to the activity of active medicamentous substances within the organism.)  
*d* Blockierung *f* der Bindungsorte der Zielzelle  
*f* blocage *m* du site de fixation de la cellule-cible  
*p* bloqueio *m* do local de fixação da célula-alvo
- 928 blood clot; thrombus**  
 (Med.)  
 (Ref. to blood coagulation process, obstructing the artery; use of agglutination inhibitors.)  
*d* Blutgefäßgerinnsel *n*; Blutpfropf *m*  
*f* caillot *m* de sang; caillot *m* sanguin; thrombus *m*  
*p* coágulo *m* de sanguíneo; trombo *m*
- 929 blood clot dissolving active principle**  
 (Pharm.)  
 (Ref. to the regression of blood coagulation and to the drugs called anticoagulants, e.g. heparin.)  
*d* gerinnselauflösender Arzneistoff *m*  
*f* principe *m* actif dissolvant des thrombus  
*p* princípio *m* ativo dissolvente dos trombos
- 930 blood clotting; thrombus formation**  
 (Med.)  
 (See entry: blood clot; thrombus.)  
*d* Blutpfropfbildung *f*  
*f* formation *f* d'un caillot de sang; formation *f* d'un thrombus  
*p* formação *f* de um coágulo sanguíneo; formação *f* de um trombo
- 931 blood corpuscle**  
 (Med.)  
 (Ref. to blood cells.)  
*d* Blutkörperchen *n/npl*  
*f* globule *m* du sang  
*p* glóbulo *m* do sangue
- \* blood flow properties → 2670**
- 932 blood level of a medicamentous substance**  
 (Pharm.)  
 (Enrichment on blood level with an active principle.)  
*d* Blutspiegel *m* eines Arzneistoffes  
*f* taux *m* sanguin d'une substance médicamenteuse  
*p* taxa *f* sanguínea de uma substância medicamentosa; nível *m* sanguíneo de uma substância medicamentosa
- 933 blood phosphate- and blood calcium-level decreasing hormone**  
 (Horm.)  
 (See entry: "calcitonin".)  
*d* Hormon *n* welches das Blut-Phosphat- und das Blut-Calcium-Niveau vermindert  
*f* hormone *f* diminuant le niveau sanguine du phosphate et du calcium  
*p* hormônio *m* que diminui o nível sanguíneo de fosfato e cálcio
- 934 blood plasma**  
 (Med.)  
 (Liquid, protein/trace element etc. containing part of the blood.)  
*d* Blutplasma *n*  
*f* plasma *m* sanguin  
*p* plasma *m* sanguíneo; plasma *m* do sangue
- \* blood plasma expander → 935**
- 935 blood plasma substitute; blood plasma expander**  
 (Prod.)  
 (Ref. to a macromolecular blood-volume increasing saline solution, e.g. of dextran.)  
*d* Blutplasmaersatzmittel *n*;  
 Blutplasmaexpander *m*  
*f* succédané *m* du plasma sanguin;  
 expandeur *m* du plasma sanguin  
*p* sucedâneo *f* do plasma do sangue; princípio *m* de expansão do plasma sanguíneo
- 936 blood serum concentration of an active principle**  
 (Pharm.)  
 (Ref. to the presence of the medicamentous substance and to its activity in blood circulation, and thus, in the human body.)

- d* Blutserumkonzentration *f* eines Wirkstoffes  
*f* concentration *f* de le principe actif dans du sérum du sang  
*p* concentração *f* do princípio ativo no soro sanguíneo
- \* **blood sugar decreasing hormone** → 3326
- \* **blood sugar level** → 2896
- \* **blue flag** → 3674
- \* **body fluid** → 3238
- 937 body weight**  
 (Anat.)  
 (Could eventually be an outer aspect of the state of health.)  
*d* Körpergewicht *n*  
*f* poids *m* du corps  
*p* peso *m* do corpo; peso *m* corporal
- 938 boiling point; bubble point**  
 (Prod.)  
 (Pharmaceutical processes; starting point of boiling process; temperature where the "saturated vapour pressure" (see this entry) is equal to the atmospheric pressure.)  
*d* Siedepunkt *m*; Kochpunkt *m*  
*f* point *m* d'ébullition  
*p* ponto *m* de ebulição; ponto *m* de bolha
- 939 boiling point elevation**  
 (Prod.)  
 (Pharmaceutical processes; in case of solutions, in because of the osmotic pressure and the consequent "vapour pressure reduction" (see entry), is necessary a higher temperature for ebullition, than in case of a pure solvent.)  
*d* Siedepunkterhöhung *f*  
*f* élévation *f* du point d'ébullition  
*p* elevação *f* do ponto de ebulição
- 940 boiling point maximum of an azeotropic mixture**  
 (Enz.)  
 (Biotechnology; see entry: azeotropic mixtures; the boiling point of these liquid mixtures are situated above or below those of the single components of the mixture.)  
*d* Siedepunktmaximum *n* eines azeotropen Gemisches  
*f* point *m* d'ébullition maximal d'un mélange azéotrope  
*p* ponto *m* de ebulição máximo de uma mistura azeotrópica
- 941 boiling point minimum of an azeotropic mixture**  
 (Enz.)  
 (Biotechnology; see entry: azeotropic mixtures; the boiling point of these liquid mixtures are situated above or below those of the single components of the mixture.)  
*d* Siedepunktminimum *n* eines azeotropen Gemisches  
*f* point *m* d'ébullition minimal d'un mélange azéotrope  
*p* ponto *m* de ebulição mínimo de uma mistura azeotrópica
- 942 boiling temperature**  
 (Prod.)  
 (Pharmaceutical processes; see entry: ebullition.)  
*d* Siedetemperatur *f*  
*f* température *f* d'ébullition  
*p* temperatura *f* de ebulição
- 943 boiling water**  
 (Prod.)  
 (In pharmaceutical processes.)  
*d* kochendes Wasser *n*  
*f* eau *f* bouillante  
*p* água *m* fervente
- 944 boiling water technique**  
 (Prod.)  
 (Pharmaceutical technology: a form of the humid heat sterilization process.)  
*d* Heißwasserverfahren *n*;  
 Siedewasserverfahren *n*  
*f* technique *f* à eau bouillante  
*p* técnica *f* por água em ebulição
- 945 boldo from Chile; Chilean boldo**  
 (Phyto.)  
 ("Peumus boldus, Monimiaceae", medicinal plant, leaves used as cholagogue (bile flow stimulation).)  
*d* chilenischer Boldo *m*  
*f* boldo *m* du Chili  
*p* boldo *m* do Chile
- 946 bond**  
 (Mol.)  
 (Compare entries: chemical compound and composition.)  
*d* Bindung *f*  
*f* liaison *f*  
*p* ligação *f*
- 947 boost v fermentation; step v up fermentation**  
 (Enz.)  
 (Biotechnology; fermentation as a biotechnological process.)

- d* Gärung ankurbeln  
*f* intensifier la fermentation  
*p* estimular a fermentação; intensificar a fermentação
- 948 borax; sodium borate**  
 (Prod.)  
 (Pharmaceutical chemistry;  $\text{Na}_2\text{B}_4\text{O}_7 \cdot 10\text{H}_2\text{O}$ ; antiseptic.)  
*d* Borax *m*; Natriumborat *n*  
*f* borax *m*; borate *m* de sodium  
*p* bórax *m*; borato *m* de sódio
- 949 boric acid**  
 (Prod.)  
 (Pharmaceutical chemistry;  $\text{H}_3\text{BO}_3$ ; use topically as bactericide and fungicide.)  
*d* Borsäure *f*  
*f* acide *m* borique  
*p* ácido *m* bórico
- 950 botanical identification control of homoeopathic substances**  
 (Homoeop.)  
 (Control processes of hom[o]eopathic vegetable/plant prime material.)  
*d* botanische Identifikationskontrolle *f*  
 homöopathischer Stoffe  
*f* contrôle *m* botanique d'identification des substances homéopathiques  
*p* controle *m* botânico de identificação das substâncias homeopáticas
- 951 bound form of nicotinic acid**  
 (Vit.)  
 (Vitamin biochemistry; niacin, P.P. factor (pellagra preventive factor);  $\text{C}_6\text{H}_5\text{NO}_2$ ; anti-pellagra vitamin; e.g. found in wheat.)  
*d* gebundene Form *f* der Nicotinsäure  
*f* forme *f* liée de l'acide nicotinique  
*p* forma *f* ligada do ácido nicotínico
- 952 branched amino acids**  
 (Enz.)  
 (Related to metabolic troubles of amino acids.)  
*d* verzweigte Aminosäuren *fp*  
*f* acides *mpl* aminés ramifiés  
*p* aminoácidos *mpl* ramificados
- 953 branched amylopectin chain**  
 (Prod.)  
 (Pharmaceutical chemistry: starch cellulose; starch constituent.)  
*d* verzweigte Amylopectin-Kette *f*  
*f* chaîne *f* ramifiée de l'amylopectine  
*p* cadeia *f* ramificada de amilopectina
- 954 branched chain**  
 (Mol.)  
 (Branched atom chain, not showing a ring structure.)  
*d* verzweigte Kette *f*  
*f* chaîne *f* ramifiée  
*p* cadeia *f* ramificada
- 955 break v down a chemical compound into its constituents**  
 (Prod.)  
 (Pharmaceutical technology; example of the verb: break down, as "aufspalten" in German: Not "abspalten", see entry: cleave *v*; split *v* off.)  
*d* eine chemische Verbindung in ihre Bestandteile aufspalten  
*f* décomposer un composé chimique dans ses constituants  
*p* decompor um composto químico em suas partes constituintes
- 956 breakdown of a medicament**  
 (Pharm.)  
 (Ref. to the metabolism of a medicamentous drug in the human organism.)  
*d* Abbau *m* eines Medikamentes  
*f* décomposition *f* d'un médicament  
*p* decomposição *f* de um medicamento
- \* **break up into fragments** → 2728
- 957 bridge; atom bridge**  
 (Mol.)  
 (An atom joining two other atoms in a molecule.)  
*d* Brücke *f*; Atombrücke *f*  
*f* pont *m*; pont *m* atomique  
*p* ponte *f*; ponte *f* de átomo
- 958 brief description of the vitamins**  
 (Vit.)  
 (Vitamin production.)  
*d* zusammenfassende Darstellung *f* der Vitamine  
*f* résumé *m* des vitamines; bref exposé *m* des vitamines; sommaire *m* des vitamines  
*p* breve descrição *f* resumida das vitaminas
- 959 bring v to the boil**  
 (Prod.)  
 (In pharmaceutical processes.)  
*d* zum Sieden bringen  
*f* porter à l'ébullition  
*p* levar a ebulição
- 960 brittle film**  
 (Prod.)  
 (Pharmaceutical technology: coating type characteristic in tableting.)

- d* spröder Film *m*  
*f* film *m* cassant; film *m* fragile  
*p* filme *m* quebradiço; filme *m* frágil
- 961 brittle granules**  
 (Prod.)  
 (Pharmaceutical technology; tableting process.)  
*d* sprödes Granulat *n*  
*f* granules *mpl* friables  
*p* grânulos *mpl* friáveis
- 962 brittleness of vitamin tablet coatings**  
 (Vit.)  
 (Vitamin technology; ref. to vitamin tablet-production; a film-coating characteristic.)  
*d* Sprödigkeit *f* von Vitamintablettenüberzügen  
*f* friabilité *f* des revêtements des comprimés vitaminiques  
*p* fragilidade *f* do revestimento dos comprimidos vitamínicos
- 963 broad-spectrum antibiotic**  
 (Ant.)  
 (E.g. penicillin.)  
*d* Breitbandantibiotikum *n*  
*f* antibiotique *m* à large spectre  
*p* antibiótico *m* de largo espectro
- 964 broad-spectrum antiseptics**  
 (Prod.)  
 (Pharmaceutical technology; type of antiseptics effective against a wide range of microorganisms.)  
*d* Breitbandantiseptika *npl*  
*f* antiseptiques *mpl* à large spectre  
*p* anti-sépticos *mpl* de largo espectro
- 965 broad-spectrum penicillin**  
 (Ant.)  
 (Penicillin type, effective against a wide range of bacteria.)  
*d* Breitspektrumpenicillin *n*;  
 Breitbandpenicillin *n*  
*f* pénicilline *f* à large spectre  
*p* penicilina *f* de largo espectro
- 966 bromine**  
 (Prod.)  
 (Pharmaceutical chemistry; Br; prime material for the manufacture of medicinal bromine compounds.)  
*d* Brom *n*  
*f* brome *m*  
*p* bromo *m*
- 967 bronchial mucus modifier**  
 (Prod.)  
 (Ref. to expectorants; see this entry.)  
*d* Abwandler *m* des Bronchialschleimes; Modifizierungsmittel *n* des Bronchialschleimes  
*f* modificateur *m* du mucus bronchique  
*p* mucomodificador *m* brônquico
- \* **bronchial tube** → 970
- 968 bronchodilator**  
 (Prod.)  
 (Pharmaceutical chemistry; e.g. ephedrine, see this entry.)  
*d* bronchienerweiterndes Mittel *n*  
*f* bronchodilateur *m*  
*p* broncodilatador *m*
- 969 bronchopulmonary mucosa**  
 (Med.)  
 (Treatment with medicinal aerosol; see this entry.)  
*d* bronchen-lungenbezügliche Schleimhaut *f*  
*f* muqueuse *f* broncho-pulmonaire  
*p* mucosa *f* bronco-pulmonar
- 970 bronchus; bronchial tube**  
 (Anat.)  
 (Air passage beyond the trachea.)  
*d* Bronchien *fpf*; Luftröhrenast *m*  
*f* bronches *fpf*; arbre *m* bronchique  
*p* brônquios *mpl*
- 971 broom tea; scoparius tea**  
 (Phyto.)  
 ("Cytisus scoparius L., Link, Leguminosae"; in diuretic, bitter tonic etc.)  
*d* Ginster-Tee *m*  
*f* tisane *f* de genêt  
*p* chá *m* de carqueja
- 972 broth as bacteriological culture substrate**  
 (Prod.)  
 (Pharmaceutical technology; e.g. ref. to culture processes of germs for cultivation in nutrient media.)  
*d* Bouillon *f* als bakteriologisches Nährsubstrat  
*f* bouillon *m* comme de substrat de culture bactériologique  
*p* caldo *m* como substrato de cultura bacteriológico
- \* **brown algae** → 2759
- 973 brown carotenoid crystal**  
 (Vit.)  
 (Ref. to vitamin biochemistry; product characteristic.)  
*d* braunes Carotinoidkristall *n*

- f* cristal *m* carotenoide brun  
*p* cristal *m* carotenoide marron; cristal *m* carotenoide castanho
- 974 brownish-violet powder**  
 (Vit.)  
 (Vitamin technology; ref. to product (e.g. a certain vitamin) characteristic.)  
*d* bräunlich-violettes Pulver *n*  
*f* poudre *f* brunâtre-violet  
*p* pó *m* acastanhado-violetto; pó *m* ligeiramente marrom-violetto
- 975 bryonia; bryony**  
 (Phyto.)  
 ("Bryonia alba L., Bryonia dioica Jacq., Cucurbitaceae"; poisonous! Use: purgative.)  
*d* Zaurrübe *f*; Gichtrübe *f*  
*f* bryone *f*  
*p* briônia *f*; colubrina *f*
- \* **bryony** → 975
- 976 bubble evaporation**  
 (Prod.)  
 (Pharmaceutical processes; process where – above the boiling point – bubbles are detached from the heating surface and, by mixing with the liquid, rise to its surface.)  
*d* Blasenverdampfung *f*  
*f* évaporation *f* par bulles  
*p* evaporação *f* a bolhas
- \* **bubble point** → 938
- \* **bubbling up** → 2163
- 977 buccal mucosa; mucous membrane of the mouth**  
 (Med.)  
 (Treatment with gargle and mouthwash; see these entries.)  
*d* Mundschleimhaut *f*  
*f* muqueuse *f* buccale  
*p* mucosa *f* bucal
- 978 buffering effect**  
 (Prod.)  
 (Pharmaceutic technology; ref. to the maintenance of acidity/basicity of a solution; pH maintenance; ref. to acid-base balance; see entry: buffer phenomenon.)  
*d* Puffereffekt *m*; Pufferwirkung *f*  
*f* effet *m* tampon  
*p* efeito *m* tampão
- 979 buffer phenomenon**  
 (Prod.)  
 (Pharmaceutical technology; ref. to the maintenance of acidity/basicity of a solution; pH maintenance; ref. to acid-base balance.)  
*d* Puffererscheinung *f*  
*f* phénomène *m* tampon  
*p* fenômeno *m* tampão
- 980 buffer solution; tampon solution**  
 (Prod.)  
 (Pharmaceutical technology; solution of which the pH does not change by dilution or by addition of acids or alkalis; acid-base balance.)  
*d* Pufferlösung *f*  
*f* solution *f* tampon  
*p* solução *f* tampão
- 981 buffer substances**  
 (Prod.)  
 (Pharmaceutical technology; application for the elimination of humidity in conservation (preservation) processes.)  
*d* Puffer-Substanzen *fpl*  
*f* substances *fpl* tampons  
*p* substâncias *fpl* tampão
- 982 bulk density**  
 (Prod.)  
 (Pharmaceutical technology; a density specification.)  
*d* Schüttgewicht *n*  
*f* densité *f* apparente; masse *f* volumique apparente; masse *f* volumique en vrac  
*p* densidade *f* aparente; volume *m* aparente; peso *m* aparente
- \* **burdock extract** → 753
- 983 bursting open in the stomach after swallowing**  
 (Pharm.)  
 (Characteristic of some medicamentous forms which, this way, set free the active principle.)  
*d* Aufplatzen *n* im Magen nach dem Hinunterschlucken  
*f* éclatement *m* dans l'estomac après la déglutition  
*p* rompimento *m* no estômago após deglutição
- 984 butanol, a solvent as a product of biotechnology**  
 (Prod.)  
 (Biotechnology; biochemical elaboration of products aimed at industrial exploitation; butanol, a solvent: C<sub>4</sub>H<sub>9</sub>OH.)  
*d* Butanol *n*, ein Lösungsmittel als ein Produkt der Biotechnologie

- f* butanol *m*, un solvant comme produit de la biotechnologie  
*p* butanol *m*, um solvente como produto da biotecnologia
- 985 butanol solvent**  
 (Prod.)  
 (C<sub>4</sub>H<sub>9</sub>OH; n-butanol; auxiliary in pharmaceutical chemistry/ production, a solvent.)  
*d* Butanol-Lösungsmittel *n*  
*f* solvant *m* d'alcool-butylique  
*p* solvente *m* de butanol; solvente *m* de álcool butílico
- 986 butylated hydroxyanisole; BHA**  
 (Prod.)  
 (Pharmaceutical technology; C<sub>11</sub>H<sub>16</sub>O<sub>2</sub>; antioxidant: preservation additive.)  
*d* Butylhydroxyanisol *n*; BHA  
*f* butylhydroxyanisol *m*; BHA  
*p* butil-hidroxiانىsol *m*; BHA
- 987 butylated hydroxytoluene; BHT**  
 (Prod.)  
 (Pharmaceutical technology. C<sub>15</sub>H<sub>24</sub>O<sub>2</sub>; antioxidant: preservation additive.)  
*d* Butylhydroxytoluol *n*; BHT  
*f* butylhydroxytoluène *m*; BHT  
*p* butil-hidroxitolueno *m*; BHT
- 988 butyleneglycol solvent**  
 (Prod.)  
 (Pharmaceutical technology; C<sub>4</sub>H<sub>10</sub>O<sub>2</sub>; auxiliary in pharmaceutical production; a solvent.)  
*d* Butylenglykol-Lösungsmittel *n*  
*f* butylèneglycol *m* solvant  
*p* solvente *m* de butileno glicol
- 989 butyric fermentation**  
 (Enz.)  
 (Enzymology; butyric acid: C<sub>4</sub>H<sub>8</sub>O<sub>2</sub>; obtained by carbohydrate fermentation; prime material for artificial flavours to be employed in medicaments.)  
*d* Buttersäuregärung *f*  
*f* fermentation *f*/butyrique  
*p* fermentação *f*/butírica
- 990 butyrolactone**  
 (Vit.)  
 (C<sub>4</sub>H<sub>6</sub>O<sub>2</sub>. Intermediate in the production of thiamine (Vitamin B<sub>1</sub>); intermediate in the synthesis of polyvinylpyrrolidone, PVP.)  
*d* Butyrolacton *n*  
*f* butyrolactone *f*  
*p* butirolactona *f*
- 991 by diffraction *adv***  
 (Prod.)  
 (Pharmaceutical technology.)  
*d* durch Diffraction; durch Strahlenbeugung  
*f* par diffraction  
*p* por difração
- 992 by enzymatic means *adv***  
 (Enz.)  
 (Ref. to processes in research and production.)  
*d* auf enzymatischem Wege  
*f* par voie enzymatique  
*p* por via enzimática
- 993 by formaldehyde inactivated viruses**  
 (Prod.)  
 (Pharmaceutical technology; e.g. for vaccine elaboration, by means of formaldehyde (methanal), [CH<sub>2</sub>O].)  
*d* durch Formaldehyd inaktiviertes Viren *npl*  
*f* virus *mpl* inactivés par le formaldéhyde  
*p* virus *mpl* inativados pelo formaldeído
- 994 by formaldehyde treatment weakened bacterial toxins**  
 (Prod.)  
 (Pharmaceutical technology; antigen preparation in certain vaccines.)  
*d* durch Formaldehydbehandlung abgeschwächte Bakterientoxine *npl*  
*f* toxines *fpl* bactériennes atténuées par traitement à formaldéhyde  
*p* toxinas *fpl* bacterais atenuadas por tratamento formaldeídico
- 995 by hormones inhibited cellular response**  
 (Horm.)  
 (Ref. to inhibiting influence of hormones on the activity of target cells; e.g. ref. to biochemical synthesis reactions.)  
*d* durch Hormone gehemmte Zellantwort *f*;  
 durch Hormone gehemmte Zell-Response *f*  
*f* réponse *f* cellulaire inhibée par les hormones  
*p* resposta *f* celular inibida pelos hormônios
- 996 by hormones stimulated cellular response**  
 (Horm.)  
 (Ref. to stimulated activity of target cells.)  
*d* durch Hormone angeregte Zellantwort *f*;  
 durch Hormone angeregte Zellresponse *f*  
*f* réponse *f* cellulaire stimulée par les hormones  
*p* resposta *f* celular estimulada pelos hormônios
- 997 by means of semiquantitative method *adv***  
 (Prod.)  
 (Pharmaceutical processes; ref. to analysis process; determination method of substances.)

- d* mit Hilfe einer halbquantitativen Methode  
*f* au moyen d'une méthode semiquantitative  
*p* por intermédio de um método semiquantitativo

**998 by precipitation reaction** *adv*  
(Prod.)  
(Pharmaceutical technology: reaction type.)  
*d* durch Ausfällungsreaktion; durch Präzipitationsreaktion  
*f* par réaction de précipitation  
*p* por reação de precipitação

**999 by-product**  
(Prod.)  
(Pharmaceutical processes; a product as secondary process result, derivative during the production of the main product.)  
*d* Nebenprodukt *n*  
*f* sous-produit *m*  
*p* subproduto *m*

**1000 by-product of agricultural production**  
(Enz.)  
(Biotechnology; e.g. as substrate for the development of microorganisms.)  
*d* Nebenprodukt *n* landwirtschaftlicher Erzeugung  
*f* sous-produit *m* de la production agricole  
*p* subproduto *m* da produção agrícola

**1001 by-product recovery**  
(Prod.)  
(Pharmaceutical processes; ref. to the obtention of a by-product in processes.)  
*d* Nebenproduktwiedergewinnung *f*;  
Nebenproduktzurückgewinnung *f*  
*f* récupération *f* de sous-produit  
*p* recuperação *f* de suproduto

**1002 by X-ray diffraction** *adv*  
(Prod.)  
(Pharmaceutical technology.)  
*d* durch Röntgenstrahlendiffraktion  
*f* par diffraction RX  
*p* por difração de raios X

## C

- 1003 cacao butter; cocoa butter**  
(Prod.)  
(Pharmaceutical chemistry; used as suppository excipient.)  
*d* Kakaobutter *f*  
*f* beurre *m* de cacao  
*p* manteiga *f* de cacau
- 1004 cacao butter as support of the medicamentous substance; cocoa butter as active-agent carrier**  
(Prod.)  
(Pharmaceutical technology; cacao butter as auxiliary.)  
*d* Kakaobutter *f* als Wirkstoffträger  
*f* beurre *m* de cacao comme support des substances médicamenteuses  
*p* manteiga *f* de cacau como suporte das substâncias medicamentosas; manteiga *f* de cacau como veículo dos princípios ativos
- 1005 caecum; cecum**  
(Anat.)  
(Blind pouch at the beginning of the large intestine.)  
*d* Blinddarm *m*  
*f* caecum *m*  
*p* ceco *m*; cecum *m*
- 1006 caffeic acid**  
(Phyto.)  
(C<sub>8</sub>H<sub>8</sub>O<sub>4</sub>; contained in alcoholic tincture of artichoke, see this entry.)  
*d* Kaffeesäure *f*  
*f* acide *m* caféique  
*p* ácido *m* caféico
- 1007 caffeine**  
(Prod.)  
(C<sub>8</sub>H<sub>10</sub>N<sub>4</sub>O<sub>2</sub>; caffeine; medicamentous substance; a stimulant and diuretic; see: diuretic.)  
*d* Koffein *n*  
*f* caféine *f*  
*p* cafeína *f*
- 1008 caffeine tablets**  
(Prod.)  
(Pharmaceutical technology; pharmaceutical product form.)  
*d* Koffeintabletten *fpl*
- f* comprimés *mpl* de caféine  
*p* comprimidos *mpl* de cafeína
- \* calabar bean → 4821
- 1009 calamine preparation**  
(Prod.)  
(Zinco oxide/ferric oxide mixture as medicamentous substance against skin itching, antipruritic; see this entry.)  
*d* Calaminpräparat *n*  
*f* préparation *f* de calamine  
*p* preparado *m* de calamina
- 1010 calamus; calmus**  
(Phyto.)  
(*"Acorus calamus L., Araceae"*; active principle: Acorin (C<sub>36</sub>H<sub>60</sub>O<sub>6</sub>); use: carminative (drug against gastric discomfort flatulence.)  
*d* Kalmus *m*  
*f* acore *m*  
*p* cálamó *m*; ácoro *m*
- 1011 calciferol as vitamin D<sub>2</sub>**  
(Vit.)  
(Vitamin biochemistry; C<sub>28</sub>H<sub>44</sub>O; obtained by UV irradiation of ergosterol.)  
*d* Calciferol *n* als Vitamin D<sub>2</sub>  
*f* calciférol *m* comme vitamine D<sub>2</sub>  
*p* calciferol *m* como vitamina D<sub>2</sub>
- 1012 calcination**  
(Prod.)  
(Pharmaceutical technology; ref. e.g. to control operations; decomposition of a substance by heating.)  
*d* Kalzination *f*  
*f* calcination *f*  
*p* calcinação *f*
- 1013 calcitonin**  
(Horm.)  
(CT; thyrocalcitonin; a polypeptide thyroid gland hormone having phosphate- and calcium-decreasing activity.)  
*d* Calcitonin *n*  
*f* calcitonine *f*  
*p* calcitonina *f*
- 1014 calcitonin, hormone adjusting blood calcium and phosphorus rates**  
(Horm.)  
(Hormone biochemistry; hormone physiology.)  
*d* Calcitonin *n*, Blutcalcium- und Phosphorgehalt einstellendes Hormon



- f* calcitonine *f*, hormone modulante les taux sanguins du calcium et du phosphore
- p* calcitonina *f*, hormônio que ajusta as taxas de cálcio e fósforo do sangue
- 1015 calcitriol**  
(Horm.)  
(Calcemia (calcium level) regulating renal hormone, vitamin D<sub>3</sub>-derivative.)
- d* Calcitriol *n*
- f* calcitriol *m*
- p* calcitriol *m*
- 1016 calcitriol increases the absorption of phosphate by the intestine**  
(Horm.)  
(Hormone physiology; ref. to intestinal phosphate absorption promoted by the hormone calcitriol.)
- d* Calcitriol *m* erhöht die Phosphat-Aufnahme durch den Darm
- f* calcitriol *m* augmente l'absorption intestinale de phosphate
- p* calcitriol *m* aumenta a absorção intestinal de fosfato
- 1017 calcitriol is a renal hormone**  
(Horm.)  
(Hormone biochemistry; hormone physiology.)
- d* Calcitriol *n* ist ein Nierenhormon
- f* calcitriol *m* est une hormone rénale
- p* calcitriol *m* é um hormônio renal
- 1018 calcitriol is a vitamin D<sub>3</sub>-derivative**  
(Vit.)  
(Vitamin biochemistry.)
- d* Calcitriol *n* ist ein Vitamin D<sub>3</sub>-Derivat
- f* calcitriol *m* est un dérivé de la vitamine D<sub>3</sub>
- p* calcitriol *m* é um derivado da vitamina D<sub>3</sub>
- 1019 calcitriol regulates the plasma concentration of calcium and phosphate**  
(Vit.)  
(Vitamin physiology; calcitriol activity as a vitamin D<sub>3</sub>-derivative.)
- d* Calcitriol *m* reguliert die Plasma-Konzentration von Calcium und Phosphat
- f* calcitriol *m* règle la concentration plasmatique de calcium et de phosphate
- p* calcitriol *m* regula a concentração plasmática de cálcio e de fosfato
- 1020 calcium antagonist**  
(Prod.)  
(See entry: calcium channel blocker.)
- d* Calciumantagonist *m*
- f* antagoniste *m* du calcium
- p* antagonista *m* do cálcio
- 1021 calcium ascorbate**  
(Vit.)  
(Vitamin C derivative (C<sub>6</sub>H<sub>7</sub>O<sub>6</sub>)<sub>2</sub>Ca.2H<sub>2</sub>O, the dehydrate form); antioxydant like ascorbic acid.)
- d* Calciumascorbat *n*
- f* ascorbate *m* de calcium
- p* ascorbato *m* de calcium
- 1022 calcium channel blocker**  
(Prod.)  
(Ref. to calcium antagonists; calcium ion muscle-influx preventing drugs, used e.g. in angina pectoris.)
- d* Calciumkanal-Hemmstoff *m*
- f* bloquant *m* du canal de calcium; bloqueur *m* du canal de calcium
- p* bloqueador *m* do canal de cálcio
- 1023 calcium D-pantothenate**  
(Vit.)  
(C<sub>9</sub>H<sub>16</sub>NO<sub>5</sub>)<sub>2</sub>Ca; vitamin B<sub>5</sub> calcium salt of D-pantothenic acid; the dextrorotatory isomer shows vitamin activity; indication e.g. against lupus erythematosus.)
- d* Calcium-D-Pantothenat *n*
- f* D-pantothénate *m* de calcium
- p* d-pantotenato *m* de cálcio
- 1024 calcium gluconate as buffer agent**  
(Prod.)  
(Pharmaceutical technology:  
(C<sub>12</sub>H<sub>22</sub>CaO<sub>14</sub>.H<sub>2</sub>O); e.g. to avoid hydrolysis of the active principle.)
- d* Calciumgluconat *n* als Puffersubstanz
- f* gluconat *m* de calcium comme substance tampon
- p* gliconato *m* de cálcio como substância tampão
- 1025 calcium influx inhibitor; calcium ion antagonist**  
(Pharm.)  
(Medicamentous substance with antihypertensive action.)
- d* Calcium-Zufluss-Hemmer *m*; Hemmer *m* des Calciumzuflusses; Antagonist *m* des Calcium Ions
- f* inhibiteur *m* d'influx du calcium; antagoniste *m* de l'ion calcium
- p* inibidor *m* do influxo de cálcio; antagonista *m* do íon cálcio
- \* calcium ion antagonist → 1025

- 1026 calcium is the biochemical mediator of action of various hormones**  
(Pharm.)  
(One of the multiple activities of the trace element calcium in the human organism.)  
*d* Calcium *n* ist der biochemische Vermittler verschiedener Hormone  
*f* calcium *m* est le médiateur biochimique de plusieurs hormones  
*p* cálcio *m* é o mediador bioquímico de ação de vários hormônios
- 1027 calcium oxalate**  
(Vit.)  
(CaC<sub>2</sub>O<sub>4</sub>.H<sub>2</sub>O; e.g. may crystallize in liquid calcium pantothenate drug forms.)  
*d* Calciumoxalat *n*  
*f* oxalate *m* de chaux  
*p* oxalato *m* de cálcio
- 1028 calcium pantothenate tablet**  
(Vit.)  
(Vitamin technology; a solid vitamin preparation, (C<sub>9</sub>H<sub>16</sub>NO<sub>5</sub>)<sub>2</sub>Ca.)  
*d* Calcium-Pantothenat-Tablette *f*  
*f* comprimé *m* de pantothénate de calcium  
*p* comprimido *m* de pantotenato de cálcio
- 1029 calcium phosphate**  
(Prod.)  
(CaHPO<sub>4</sub>; auxiliary in pharmaceutical processes/production, e.g. in direct tableting.)  
*d* Calciumphosphat *n*  
*f* phosphate *m* de calcium  
*p* fosfato *m* de cálcio
- 1030 calcium reabsorption stimulation in the organism by calcitriol**  
(Vit.)  
(Vitamin physiology; calcitriol (vitamin D<sub>3</sub>-derivative) acting as a hormone.)  
*d* Anregung *f* der Calciumwiederabsorbierung im Organismus durch Calcitriol  
*f* stimulation *f* de la réabsorption de calcium dans l'organisme par le calcitriol  
*p* estimulação *f* da reabsorção de cálcio no organismo pelo calcitriol
- 1031 calcium stearate**  
(Vit.)  
(Vitamin technology; Ca(C<sub>18</sub>H<sub>35</sub>O<sub>2</sub>)<sub>2</sub>; additive (lubricant) in tableting processes of vitamin formulations.)  
*d* Calciumstearat *n*  
*f* stéarate *m* de calcium  
*p* estearato *m* de cálcio
- 1032 calcium sulphate**  
(Prod.)  
(CaSO<sub>4</sub>; use: in adsorbent wound dressings.)  
*d* Kalziumsulfat *n*  
*f* sulfate *m* de calcium  
*p* sulfato *m* de cálcio
- 1033 calcium tocopheryl succinate**  
(Vit.)  
(Vitamin technology; vitamin E derivative.)  
*d* Calcium-Tocopheryl-Succinat *n*  
*f* calcium-succinate *m* de tocophéryl  
*p* calcium-succinato *m* de tocoferila
- 1034 calendula; marigold**  
(Phyto.)  
(*"Calendula officinalis* L., Compositae"; e.g. externally: skin soothing and healing effect, internally: duodenal ulcer, gastric ulcer.)  
*d* Calendula *f*; Ringelblume *f*  
*f* calendula *m*  
*p* calêndula *f*
- 1035 calibration**  
(Prod.)  
(Pharmaceutical technology; to standardize, to adjust e.g. in analytical processes.)  
*d* Kalibrieren *n*; Kalibrierung *f*  
*f* calibrage *m*  
*p* calibração *f*; calibragem *f*
- 1036 calibration by graduation**  
(Prod.)  
(Pharmaceutical technology; ref. to metrology; determination of metrical factors, e.g. of measuring instruments.)  
*d* Einmessen *n*  
*f* étalonnage *m*  
*p* calibração *f* por graduação
- 1037 calibration solution**  
(Prod.)  
(Pharmaceutical technology; e.g. ref. to analytical methods.)  
*d* Eichlösung *f*  
*f* solution *f* de calibrage  
*p* solução *f* padrão
- \* **calmus** → 1010
- 1038 camomile tea; chamomile infusion**  
(Phyto.)  
(Herbal tea, infusion, made of herbs like e.g. *"M. chamomilla* L.", *"Anthemis nobilis*"; e.g. an aromatic digestive tonic; see entry: digestive tea.)  
*d* Kamillentea *m*; Kamillenblüteninfusion *f*

- f* tisane *f* de camomille; infusion *f* des fleurs de camomille
- p* chá *m* de camomila; infusão *f* das flores de camomila
- 1039 camphor**  
(Phyto.)  
(C<sub>10</sub>H<sub>16</sub>O; topically used as an anaesthetic; antiseptic; medicamentous substance; e.g. in a liniment; see this entry; externally: balsamic effect.)
- d* Kampfer *m*
- f* camphre *m*
- p* cânfora *f*
- 1040 camphor liniment**  
(Prod.)  
(Pharmaceutical technology; pharmaceutical form for application (by rubbing) on the skin; counterirritant.)
- d* Kampfer-Liniment *n*;  
Kampfer-Einreibemittel *n*
- f* liniment *m* camphré
- p* linimento *m* canforado
- 1041 candidiasis**  
(Med.)  
(Infection by a fungus of the genus "Candida", species: "C. albicans". Treatment by antibiotics like nystatin, a polyene antifungal antibiotic; local and oral treatment.)
- d* Candidainfektion *f*
- f* candidose *f*
- p* candidíase *f*
- 1042 candying**  
(Prod.)  
(Pharmaceutical technology; ref. to candy; crystallized sugar auxiliary in production of pharmaceutical forms.)
- d* Kandieren *n*
- f* candissage *m*
- p* cobrir com açúcar-cande
- \* **capability of being split** → 1344
- 1043 capability of genes to transmit genetic information**  
(Cyt.)  
(Ref. to genes as the functional unit of inheritance.)
- d* Fähigkeit *f* der Gene genetische Informationen zu übertragen
- f* capacité *f* de genes de transmettre des caractères héréditaires
- p* capacidade *f* dos genes de transmitir
- informações genéticas
- 1044 capable adj of regression**  
(Pharm.)  
(Ref. to undesirable side-effects of active principles in medicaments.)
- d* rückbildungsfähig
- f* capable de régresser; apte à la régression; capable d'une évolution régressive
- p* apto para regressão; capaz de regredir; capaz de evoluir regressivamente
- 1045 capacity of endogenous vitamin synthesis**  
(Vit.)  
(Vitamin physiology; ref. to certain vitamins and their synthesis in the living organism (in the body).)
- d* Fähigkeit *f* endogener Vitaminsynthese
- f* capacité *f* de la synthèse endogène vitaminique
- p* capacidade *f* da síntese endógena vitamínica
- 1046 capillary viscometer**  
(Prod.)  
(Pharmaceutical processes; in product determination.)
- d* Kapillar-Viskosimeter *n*
- f* viscosimètre *m* à tube capillaire
- p* viscosímetro *m* capilar
- 1047 capping**  
(Prod.)  
(Pharmaceutical technology; (negative) tablet characteristic, production fault.)
- d* Abdecken *n*
- f* écaillage *m*; écaillage *m*
- p* descamamento *m*
- 1048 capping during compression**  
(Prod.)  
(Pharmaceutical technology; ref. to tableting processes: (negative) tablet characteristic, production fault.)
- d* Abdecken *n* während der Verpressung; Abdecken *n* während der Kompression
- f* écaillage *m* pendant la compression; écaillage *m* dans la compression
- p* descamamento *m* durante a compressão; descamamento *m* na compressão
- 1049 capsicum; cayenne pepper**  
(Phyto.)  
(("Capsicum frutescens L., Solanaceae"; [Tupi ; kyinha]. Active principle: capsanthin (C<sub>40</sub>H<sub>58</sub>O<sub>3</sub>); use: e.g. gastric stimulant.)
- d* Cayenne-Pfeffer *m*
- f* piment *m* de Cayenne; piment *m* rouge
- p* pimenta-malagueta *f*; malagueta *f*

- 1050 capsule**  
(Prod.)  
(Pharmaceutical technology, pharmaceutical form; e.g. vitamin capsule.)  
*d* Kapsel *f*  
*f* capsule *f*  
*p* cápsula *f*
- 1051 capsule filling technology**  
(Prod.)  
(Pharmaceutical technology; ref. to the filling of hard gelatin capsules with the active principle mixtures.)  
*d* Technologie *f* des Füllens der Kapseln; Technologie *f* der Kapselfüllung  
*f* technologie *f* du remplissage des capsules  
*p* tecnologia *f* do enchimento das cápsulas
- 1052 capsule shell**  
(Prod.)  
(Pharmaceutical technology; the outer part of the capsule.)  
*d* Kapselhülse *f*  
*f* écale *f* de la capsule  
*p* envólucro *m* de revestimento da cápsula
- 1053 capsules of primulin**  
(Phyto.)  
(Cyclamin; arthanitin; parts of "Primula officinalis Jacq.", "Cyclamen europaeum L."; "Primulaceae"; premenstrual tension; menopause disorders (hot flushes) etc.)  
*d* Primel-Kapseln *fpl*  
*f* capsules *fpl* de primevère  
*p* cápsulas *fpl* de primula
- 1054 capture v particles of a dispersion**  
(Prod.)  
(Pharmaceutical chemistry; particle capturing for control procedures; see entry: dispersion.)  
*d* Teilchen einer Dispersion einfangen  
*f* capter particules d'une dispersion  
*p* captar partículas de uma dispersão
- 1055 caraway infusion**  
(Phyto.)  
(Herbal tea of "Carum carvi L." having carminative (flatulence relieving) effect.)  
*d* Kümmelinfusion *f*  
*f* infusion *f* de cumin  
*p* infusão *f* de alcarávia; infusão *f* de cominho-armênio; infusão *f* de cariz
- 1056 carbimazole**  
(Horm.)  
(C<sub>7</sub>H<sub>10</sub>N<sub>2</sub>O<sub>2</sub>S; medicamentous substance; against hyperthyroidism; reduction of thyroid hormone secretion; see entry: thyrostatic medicinal drug.)  
*d* Carbimazol *n*  
*f* carbimazol *m*  
*p* carbimazol *m*
- 1057 carboanhydrase inhibitors; carbonic anhydrase inhibitors**  
(Enz.)  
(Carboanhydrase-enzyme inhibition, ex. acetazolamide; promoting sodium and water excretion; diuretic; e.g. in glaucoma for aqueous humor reduction and thus intraocular pressure reduction.)  
*d* Carboanhydrasehemstoffe *mpl*  
*f* inhibiteurs *mpl* de la carboanhydrase  
*p* inibidores *mpl* da carboanidrase; inibidores *mpl* da anidrase carbônica
- 1058 carbocyclic compound**  
(Mol.)  
(An organic cyclic compound with carbon atom rings, e.g. benzene (C<sub>6</sub>H<sub>6</sub>).)  
*d* carbozyklische Verbindung *f*  
*f* composé *m* carbocyclique  
*p* composto *m* carbocíclico
- 1059 carbohydrase**  
(Enz.)  
(Enzymology: enzymes which promote hydrolysis/synthesis of carbohydrates.)  
*d* Carbohydrase *f*  
*f* carbohydrase *f*  
*p* carboidraxe *f*
- 1060 carbohydrate balance in the body**  
(Horm.)  
(Regulated by the pancreas hormone "insulin", see this entry.)  
*d* Kohlenhydratausgleich *m* im Körper; Gleichgewicht *n* der Kohlenhydrate im Körper  
*f* balance *f* des hydrates de carbone dans le corps; balance *f* des glucides dans le corps  
*p* balança *f* dos carboidratos no corpo
- \* **carbohydrate bridge** → 2917
- 1061 carbohydrate fermentation**  
(Med.)  
(Ref. to enzymic (enzymatic) decomposition of carbohydrates in the body for energy provision.)  
*d* Kohlenhydratgärung *f*  
*f* fermentation *f* des glucides  
*p* fermentação *f* dos carboidratos

- 1062 carbohydrate metabolism hormones**  
(Horm.)  
(Glucagon (hyperglycemic-glycogenolytic factor; HG-factor); insulin (polypeptide hormone): hormones concerned in carbohydrate metabolism.)  
*d* Kohlenhydratstoffwechselformone *npl*  
*f* hormones *fpl* du métabolisme glucidique  
*p* hormônios *mpl* do metabolismo dos carboidratos
- 1063 carbon**  
(Prod.)  
(Symbol C. A nonmetallic element; basis of the organic chemistry which, is concerned with carbon compounds.)  
*d* Kohlenstoff *m*  
*f* carbone *m*  
*p* carbono *m*
- 1064 carbon compound**  
(Mol.)  
(A homopolar chemical compound.)  
*d* Kohlenstoffverbindung *f*  
*f* composé *m* carboné  
*p* composto *m* de carbono
- 1065 carbon dioxide; carbonic anhydride**  
(Prod.)  
(CO<sub>2</sub>; carbonic acid gas; auxiliary in pharmaceutical technology.)  
*d* Kohlendioxid *n*; Kohlensäureanhydrid *n*  
*f* dioxyde *m* de carbone; anhydride *m* carbonique  
*p* dióxido *m* de carbone; anidrido *m* carbónico
- \* **carbon dioxide produced by fermentation**  
→ 2588
- 1066 carbonic anhydrase inhibitor reduces the secretion of the aqueous humour**  
(Pharm.)  
(Ref. to glaucoma treatment; intraocular pressure reduction.)  
*d* Carboanhydrasehemmstoff *m* vermindert die Sekretion der Augenkammerflüssigkeit  
*f* inhibiteur *m* d'anhydrase carbonique réduit la sécrétion de la humeur aqueuse  
*p* inibidor *m* da anidrase carbónica reduz a secreção do humor aquoso
- \* **carbonic anhydrase inhibitors** → 1057
- \* **carbonic anhydride** → 1065
- 1067 carbon liberation**  
(Enz.)  
(Enzymology; ref. to biochemical reactions related to the Krebs-cycle; oxidation reactions for energy production and storage in phosphate bonds, e.g. in ATP (adenosine triphosphate).)  
*d* Freisetzung *f* des Kohlenstoffes  
*f* libération *f* du carbon  
*p* liberação *f* do carbone
- 1068 carboxylase activator**  
(Enz.)  
(Enzymology; ref. to vitamin H-biochemistry.)  
*d* Carboxylasebeschleuniger *m*  
*f* activateur *m* des carboxylases  
*p* ativador *m* de carboxilase
- 1069 carboxylase deficit**  
(Enz.)  
(Carboxylase is a carboxylation catalyzing enzyme.)  
*d* Carboxylase-Defizit *n*  
*f* déficit *m* en carboxylase  
*p* déficit *m* de carboxilase
- 1070 carboxylase reducer**  
(Enz.)  
(Enzymology; ref. to vitamin H-biochemistry.)  
*d* Carboxylase-Reduktor *m*  
*f* réducteur *m* des carboxylases  
*p* redutor *m* de carboxilases
- 1071 carboxylic resin as disintegrant**  
(Prod.)  
(Pharmaceutical technology: auxiliary in tabletting.)  
*d* Carboxylkunstharz *n* als Sprengmittel  
*f* résine *f* carboxylique comme désintegrante  
*p* resina *f* carboxilica como desintegrante
- 1072 carboxymethylcellulose**  
(Prod.)  
(Auxiliary in pharmaceutical processes, e.g. a binder for tablet production.)  
*d* Carboxymethylcellulose *f*  
*f* carboxyméthylcellulose *f*; cellulose *f* carboxyméthylque  
*p* carboximetilcellulose *f*; celulose *f* de carboximetilo
- 1073 carboxymethylstarch**  
(Prod.)  
(Auxiliary in pharmaceutical chemistry, a tablet disintegrant.)  
*d* Carboxymethylstärke *f*  
*f* carboxyméthylamidon *m*  
*p* amido *m* carboximetílico

- 1074 carboxypeptidase**  
(Enz.)  
(Enzymology. Proteolytic pancreatic enzyme: breakdown of polypeptides into dipeptides.)  
*d* Carboxypeptidase *f*  
*f* carboxypeptidase *f*  
*p* carboxipeptidase *f*
- 1075 cardamom**  
(Phyto.)  
("Elettaria cardamomum, Zingiberaceae"; use: carminative (flatulence relieving); the variety: "Amomum cardamon", called in Brazil "cana-do-brejo", use as diuretic, in nephritis, inflammation of the urethra etc.)  
*d* Kardamom *m/n*  
*f* cardamome *f*  
*p* cardamomo *m*
- 1076 cardamom oil**  
(Phyto.)  
(From: "Elettaria cardamomum, Zingiberaceae"; use: carminative (flatulence relieving).)  
*d* Kardamom-Öl *n*  
*f* huile *f* de cardamome  
*p* óleo *m* de cardamomo
- 1077 cardia**  
(Anat.)  
(Opening of the upper part of the stomach: oesophagus (gullet)-connection.)  
*d* Magenmund *m*  
*f* cardia *m*  
*p* cárdia *f*
- 1078 cardiac adj**  
(Med.)  
(Ref. to the heart, blood-pumping muscle of the body.)  
*d* herzbetreffend; herzrelativ  
*f* cardiaque  
*p* cardíaco
- 1079 cardiac contractility**  
(Pharm.)  
(Ref. to the activity of beta-1-selective beta blocker, resulting e.g. a hypotensive effect.)  
*d* Kontraktilität *f* des Herzens  
*f* contractilité *f* cardiaque  
*p* contractilidade *f* cardíaca
- 1080 cardiac insufficiencies**  
(Pharm.)  
(As the heart is the blood pumping muscle, in case of drug administration, must be taken into consideration, ref. to the specific drug, an eventual risk factor for the health of the patient.)  
*d* Herzinsuffizienzen *fpl*;  
Funktionschwächen *fpl* des Herzens  
*f* insuffisances *fpl* cardiaques  
*p* insuficiências *fpl* cardíacas
- 1081 cardiac symptomatology**  
(Med.)  
(Cardiac symptom complex, e.g. ref. to vitamin B<sub>12</sub>-deficiency.)  
*d* Herzsymptomatologie *f*  
*f* symptomatologie *f* cardiaque  
*p* sintomatologia *f* cardíaca
- 1082 cardiological drug**  
(Prod.)  
(Ref. to cardiological (heart) functions.)  
*d* kardiologisches Arzneimittel *n*; Herzfähigkeit unterstützendes Mittel *n*  
*f* médicament *m* cardiologique  
*p* medicamento *m* cardiológico
- \* careful therapeutic utility/risk evaluation referring to a new active principle → 1083
- 1083 careful therapeutic utility/risk weighing referring to a new active principle; careful therapeutic utility/risk evaluation referring to a new active principle**  
(Pharm.)  
(Ref. to the effects on the organism; research and application of medicamentous substances.)  
*d* Nutzen-Risiko-Abwägung *f* bezüglich eines neuen Wirkstoffes  
*f* pondération *f* utilité/risque thérapeutique concernant un nouveau principe actif; évaluation *f* utilité/risque thérapeutique concernant un nouveau principe actif  
*p* ponderação *f* utilidade/risco terapêutico de um novo princípio ativo; avaliação *f* utilidade/risco terapêutico de um novo princípio ativo
- 1084 carminative**  
(Prod.)  
(Colics and flatulence relieving medicine; e.g. herbal teas, see entry: caraway infusion.)  
*d* Medikament *n* gegen Blähungen; blähungstreibendes Mittel *n*  
*f* remède *m* carminatif  
*p* carminativo *m*
- 1085 carnitine**  
(Enz.)  
(C<sub>7</sub>H<sub>15</sub>NO<sub>3</sub>; e.g. participates in the transfer of coA.)  
*d* Carnitin *n*

- f* carnitine *f*  
*p* carnitina *f*
- \* **carob flour [gum]** → 273
- 1086 carotenase**  
 (Enz.)  
 (Enzymology; ref. to an enzyme which converts carotene into vitamin A.)  
*d* Carotinase *f*  
*f* caroténase *f*  
*p* carotenase *f*
- 1087 carotenes are converted into retinol**  
 (Vit.)  
 (Vitamin physiology; ref. to vitamin A; carotene conversion in the intestine.)  
*d* Carotine *npl* werden in Retinol umgewandelt  
*f* carotènes *npl* sont convertis en rétinol  
*p* carotenos *npl* são convertidos em retinol
- 1088 carotenoids**  
 (Vit.)  
 (Vitamin technology; e.g. as provitamin A; pure beta-carotene preparations; suspension forms and dry powders.)  
*d* Carotinoide *npl*  
*f* caroténoides *fpl*  
*p* carotenóides *fpl*; carotinóides *fpl*
- 1089 carotinoids for pharmaceutical preparations**  
 (Vit.)  
 (Also: "carotenoids", beta-carotene as provitamin A)  
*d* Carotinoide *npl* für pharmazeutische Zubereitungen  
*f* caroténoides *npl* pour préparations pharmaceutiques  
*p* carotenóides *npl* para preparações farmacêuticas; carotenóides *npl* para preparados farmacêuticos
- \* **carrier** → 6649
- 1090 cartilage**  
 (Anat.)  
 (Elastic skeleton tissue.)  
*d* Knorpel *m*  
*f* cartilage *m*  
*p* cartilagem *f*
- 1091 cascade actions in series**  
 (Horm.)  
 (Ref. to hormone activity in the body.)  
*d* serienweise Aktionskaskade *f*  
*f* cascade *f* d'actions en série  
*p* cascata *f* de ações em série
- 1092 cascara sagrada; sacred bark; bearberry bark; Persian bark**  
 (Phyto.)  
 (Dried bark of "Rhamnus purshiana DC.; Rhamnaceae"; use: laxative.)  
*d* Cascara-Baum *m*  
*f* cascara *f*  
*p* cáscara sagrada *f*
- 1093 casein**  
 (Prod.)  
 (A phosphoprotein, e.g. of the milk: milk protein; auxiliary in pharmaceutical technology.)  
*d* Casein *n*  
*f* caséine *f*  
*p* caseína *f*
- 1094 cassia extract; senna leaves infusion**  
 (Phyto.)  
 ("Cassia senna L.; Leguminosae"; medicinal herb; use: laxative; colitis.)  
*d* Kassie-Extrakt *m*; Senneblätter-Aufguß *m*  
*f* extrait *m* de la casse; infusion *f* des feuilles de séné  
*p* extrato *m* de cássia *f*; infusão *f* das folhas de sena
- \* **castor oil** → 5494
- 1095 catabolic elimination**  
 (Vit.)  
 (Ref. to vitamin/enzyme biochemical processes.)  
*d* katabolische Ausscheidung *f*  
*f* élimination *f* catabolique  
*p* eliminação *f* catabólica
- 1096 catabolic functions**  
 (Med.)  
 (Catabolism: decomposition of complex substances; destructive metabolism, under energy liberation.)  
*d* katabole Funktionen *fpl*; abbauende Funktionen *fpl*  
*f* fonctions *fpl* cataboliques  
*p* funções *fpl* catabólicas
- 1097 catabolic process of decarboxylation**  
 (Enz.)  
 (Ref. to the Krebs(citric acid)-cycle.)  
*d* katabolischer Decarboxilierungsprozess *m*  
*f* processus *m* catabolique de décarboxylation  
*p* processo *m* catabólico de descarboxilação
- 1098 catabolic process of dehydrogenation**  
 (Enz.)  
 (Ref. to the Krebs(citric acid)-cycle.)

- d* katabolischer Prozess *m* der Dehydrogenisierung  
*f* processus *m* catabolique de déshydrogénation  
*p* processo *m* catabólico de desidrogenação
- 1099 catabolism**  
 (Med.)  
 (Decomposing metabolism – under energy release, supposedly influenced by certain vitamins.)  
*d* Katabolismus *m*  
*f* catabolisme *m*  
*p* catabolismo *m*
- 1100 catalase**  
 (Enz.)  
 (Enzyme, present in living cells (e.g. in red blood cells), which splits hydrogen peroxide, resulting oxygen and water.)  
*d* Katalase *f*  
*f* catalase *f*  
*p* catalase *f*
- 1101 catalysis of the phosphorylation of specific proteins**  
 (Enz.)  
 (Enzymology.)  
*d* Katalyse *f* der Phosphorylierung spezifischer Proteine  
*f* catalyse *f* de la phosphorylation de protéines spécifiques  
*p* catálise *f* da fosforilação de proteínas específicas
- 1102 catalysis of vitamin decomposition**  
 (Vit.)  
 (Vitamin technology; reaction which could be initiated by the influence of external impurities.)  
*d* Katalyse *f* der Vitamin-Dekomposition; Katalyse *f* des Vitamin-Abbaus  
*f* catalyse *f* de la décomposition vitaminique  
*p* catálise *f* da decomposição vitamínica
- \* **catalyst** → **1108**
- 1103 catalytic action; catalytic activity**  
 (Enz.)  
 (Enzymology: enzymes catalyze specific biochemical reactions.)  
*d* katalytische Wirkung *f*; katalytische Aktivität *f*  
*f* action *f* catalytique; effet *m* catalytique; activité *f* catalytique  
*p* ação *f* catalítica; efeito *m* catalítico; atividade *f* catalítica
- \* **catalytic activity** → **1103**
- 1104 catalytic activity of the ferments**  
 (Enz.)  
 (This activity forms intermediate ferment-substrate compounds.)  
*d* katalytische Wirkung *f* der Fermente  
*f* activité *f* catalytique des ferments  
*p* atividade *f* catalítica dos fermentos
- 1105 catalytic cycle**  
 (Enz.)  
 (Enzymology; ref. to catalytic action; catalytic activity (see entry).)  
*d* katalytischer Zyklus *m*  
*f* cycle *m* catalytique  
*p* ciclo *m* catalítico
- 1106 catalytic reaction**  
 (Enz.)  
 (Vitamin/enzyme activity: ref. to enzymology; enzymes catalyze specific biochemical reactions.)  
*d* katalytische Reaktion *f*  
*f* réaction *f* catalytique  
*p* reação *f* catalítica
- 1107 catalytic site**  
 (Enz.)  
 (Enzymology; ref. to the aminoacid-totality of an enzyme which take part in the transformation of a substrate.)  
*d* katalytischer Wirkungsort *m*  
*f* site *m* catalytique  
*p* local *m* de catálise
- 1108 catalyzer; catalyst**  
 (Enz.)  
 (In biochemistry: enzymes, proteins which catalyzes biochemical reactions.)  
*d* Katalysator *m*  
*f* catalyseur *m*  
*p* catalisador *m*
- 1109 cataract**  
 (Med.)  
 (Eye disease, ref. to eye lens opacity.)  
*d* Katarakt *f*; Katarakta *f*; grauer Star *m*  
*f* cataracte *f*  
*p* catarata *f*
- 1110 catecholamine**  
 (Horm.)  
 (E.g. Adrenaline, noradrenaline, dopamine, epinephrine; e.g. catecholamines function as neurotransmitters and as hormones.)  
*d* Catecholamin *n*  
*f* catécholamine *f*  
*p* catecolamina *f*



- 1111 catecholamine is involved as a neurotransmitter**  
(Horm.)  
(Hormone biochemistry; hormone physiology; see entry: catecholamine.)  
*d* Catecholamin *n* spielt eine Rolle als Neurotransmitter  
*f* catécholamine *f* joue une rôle de neurotransmetteur  
*p* catecolamina *f* desempenha um papel de neurotransmissor
- 1112 catecholamine is involved in the sympathetic nervous system**  
(Horm.)  
(Hormone biochemistry; hormone physiology; see entry: catecholamine.)  
*d* Catecholamin *n* spielt eine Rolle im sympathischen Nervensystem  
*f* catécholamine *f* joue une rôle dans le système nerveux sympathique  
*p* catecolamina *f* desempenha um papel no sistema nervoso simpático
- \* **cathartic** → 5147
- 1113 cathepsin**  
(Enz.)  
(Endocellular protease, proteolytic enzyme, catalyzing the hydrolysis of certain proteins.)  
*d* Kathepsin *n*  
*f* cathepsine *f*  
*p* catepsina *f*
- 1114 cation; cations**  
(Mol.)  
(A positively charged ion.)  
*d* Kation *n*; Kationen *npl*  
*f* cation *m*; cations *mpl*  
*p* cátion *m*; cations *mpl*; cationtes *mpl*
- 1115 cation activity**  
(Mol.)  
(Ref. to a positive charged ion.)  
*d* Kationenaktivität *f*  
*f* activité *f* cationique  
*p* atividade *f* catiônica
- 1116 cationic detergents**  
(Prod.)  
(Pharmaceutical technology; detergents with a hydrocarbon chain linked to a positive ion.)  
*d* kationische Detergenzien *npl*  
*f* détergents *mpl* cationiques  
*p* detergentes *mpl* catiônicos
- \* **cations** → 1114
- 1117 causal factor**  
(Med.)  
(Ref. to a condition creating factor, as e.g. virus, bacteria or drugs; factor provoking a cause-effect relationship.)  
*d* Kausalfaktor *m*  
*f* facteur *m* causal  
*p* fator *m* causal
- 1118 causal treatment; treatment directed to the cause**  
(Med.)  
(Ref. to a type of treatment of diseases.)  
*d* kausale Behandlung *f*; auf die Ursache *f* gerichtete Behandlung  
*f* traitement *m* causal; traitement *m* dirigé vers la cause  
*p* tratamento *m* causal; tratamento *m* dirigido para a causa
- 1119 causative agent**  
(Med.)  
(Ref. to a force or to a substance as causing, creating means.)  
*d* verursachendes Agens *n*; veranlassendes Agens *n*; treibende Kraft *f*  
*f* agent *m* causatif  
*p* agente *m* causativo
- 1120 cause-effect relationship**  
(Prod.)  
(Pharmaceutical technology.)  
*d* Verhältnis *n* zwischen Ursache und Wirkung  
*f* relation *f* de cause à effet  
*p* relação *f* causa/efeito
- 1121 cause of alterations**  
(Prod.)  
(Pharmaceutical chemistry; ref. to unintentional and undesirable product alterations, e.g. during processing stages or storing.)  
*d* Ursache *f* der Veränderungen  
*f* cause *f* des altérations  
*p* causa *f* das alterações; motivo *m* das alterações
- 1122 cause of chemical bonds are electric interactions**  
(Mol.)  
(See entry: chemical bonds.)  
*d* Ursache *f* chemischer Bindungen sind elektrische Wechselwirkungen  
*f* cause *f* des liaisons chimiques sont des interactions électriques  
*p* causa *f* das ligações químicas são interações eléctricas

- 1123 cause of the interruptions of fermentation; reason for the interruptions of fermentation**  
(Prod.)  
(Pharmaceutical processes; ref. to process interruption.)  
*d* Ursache *f* der Gärungsstockungen  
*f* cause *f* des arrêts de la fermentation  
*p* causa *f* das paralizações da fermentação
- 1124 caustic effect on the skin**  
(Med.)  
(Ref. e.g. to caustic topical drugs for dead skin removal.)  
*d* kaustische Wirkung *f* auf der Haut; Ätzwirkung *f* auf der Haut  
*f* effet *m* caustique sur la peau  
*p* efeito *m* cáustico na pele
- 1125 cauterization; cautery**  
(Med.)  
(Ref. to tissue destruction by heated instruments or caustics.)  
*d* Kauterisation *f*  
*f* cautérisation *f*  
*p* cauterização *f*
- 1126 cauterize *v***  
(Med.)  
(Ref. to tissue destruction by heated instruments or caustics.)  
*d* kauterisieren  
*f* cautériser  
*p* cauterizar
- \* **cautery** → 1125
- \* **cayenne pepper** → 1049
- \* **cecum** → 1005
- 1127 cell as the smallest functional unit of the living being**  
(Cyt.)  
(Definition of the living cell.)  
*d* Zelle *f* als kleinste funktionelle Einheit des Lebewesens  
*f* cellule *f* comme l'unité fonctionnelle plus petite d'être vivant  
*p* célula *f* como unidade funcional menor do ser vivo
- 1128 cell biology**  
(Cyt.)  
(Object of study and research etc.)  
*d* Zellenbiologie *f*  
*f* biologie *f* cellulaire  
*p* biologia *f* celular
- 1129 cell body**  
(Cyt.)  
(Ref. to the animal cell with cytoplasm containing cell nucleus.)  
*d* Zellkörper *m*; Körper *m* der Zelle  
*f* corps *m* cellulaire  
*p* corpo *m* celular
- 1130 cell constituents for industrial exploitation**  
(Enz.)  
(Biotechnology in industrial exploitation.)  
*d* Zellenbestandteile *fpl* für industrielle Ausnutzung  
*f* constituents éléments *mpl* des cellules destinés à l'exploitation industrielle  
*p* partes *fpl* constituíntes das células destinadas à exploração industrial
- 1131 cell division**  
(Cyt.)  
(Ref. to cell reproduction processes.)  
*d* Zellteilung *f*  
*f* division *f* cellulaire  
*p* divisão *f* celular
- 1132 cell growth control**  
(Vit.)  
(Supposed to be influenced positively by fat-soluble vitamins; (vitamins pertaining to the A group).)  
*d* Zellwachstumskontrolle *f*  
*f* contrôle *f* de la croissance cellulaire  
*p* controle *m* do crescimento celular
- 1133 cell layer**  
(Anat.)  
(Ref. to cell structure.)  
*d* Zellschicht *f*  
*f* couche *f* cellulaire  
*p* camada *f* celular
- 1134 cell metabolism**  
(Vit.)  
(Ref. influenced esp. by the vitamin B group.)  
*d* Stoffwechsel *m* der Zellen  
*f* métabolisme *m* des cellules  
*p* metabolismo *m* das células
- 1135 cell multiplication – cell growth**  
(Cyt.)  
(Cellular multiplication; cellular growth.)  
*d* Zellvermehrung *f* – Zellwachstum *n*  
*f* multiplication *f* cellulaire – croissance *f* cellulaire  
*p* multiplicação *f* celular – crescimento *m* celular

- 1136 cell nucleus**  
(Cyt.)  
(A cellular organelle, essential for cell reproduction and synthesis of proteins.)  
*d* Zellkern *m*  
*f* noyau *m* cellulaire  
*p* núcleo *m* da célula
- \* **cell recognition** → 5293
- 1137 cell respiration**  
(Vit.)  
(Supposed to be made possible by vitamin action; esp. of the vitamin B-group.)  
*d* Zellatmung *f*  
*f* respiration *f* cellulaire  
*p* respiracão *f* celular
- 1138 cell response**  
(Enz.)  
(Cell reaction to a specific stimulation or inhibition.)  
*d* Zell-Antwort *f*; Zell-Response *f*  
*f* réponse *f* cellulaire  
*p* resposta *f* celular
- 1139 cell sensitivity to the hormone**  
(Horm.)  
(Hormone biochemistry; cytogenetics: ref. to receptor reaction.)  
*d* Zellempfindlichkeit *f* dem Hormon gegenüber  
*f* sensibilité *f* cellulaire à l'hormone  
*p* sensibilidade *f* celular ao hormônio
- 1140 cellular atrophy**  
(Cyt.)  
(Cell degeneration.)  
*d* zellulare Atrophie *f*; Zellschwund *m*  
*f* atrophie *f* cellulaire  
*p* atrofia *f* celular
- 1141 cellular differentiation**  
(Horm.)  
(Influenced by hormones, by hormonal activity.)  
*d* zellulare Differenzierung *f*; zelluläre Unterscheidung *f*  
*f* différenciation *f* cellulaire  
*p* diferenciação *f* celular
- 1142 cellular genetics**  
(Cyt.)  
(Object of study and research etc.)  
*d* Zellgenetik *f*  
*f* génétique *f* cellulaire  
*p* genética *f* celular
- 1143 cellular homeostasis**  
(Cyt.)  
(Balance maintaining of internal functions of the cell.)  
*d* Zell-Homöostasis *f*  
*f* homœostasie *f* cellulaire  
*p* homeostase *f* celular
- 1144 cellular immunoreaction**  
(Med.)  
(Immune system reaction against antigens by increase of corresponding cells.)  
*d* zelluläre Immunreaktion *f*  
*f* immunoréaction *f* cellulaire  
*p* imunorreacção *f* celular
- 1145 cellular mechanism of hormonal action**  
(Horm.)  
(There exist two classes of hormones: hydrophile and hydrophobe.)  
*d* hormonaler Zell-Wirkungsmechanismus *m*  
*f* mécanisme *m* cellulaire d'action hormonale  
*p* mecanismo *m* celular da açao hormonal
- 1146 cellular protein**  
(Cyt.)  
(Ref. to cell structure.)  
*d* Zellprotein *n*; Zelleiweiß *n*  
*f* protéine *f* cellulaire  
*p* proteína *f* celular
- \* **cellular recognition** → 5293
- 1147 cellular respiration deficit**  
(Cyt.)  
(Defect in cellular processes.)  
*d* Zellatmungsmangel *m*  
*f* déficit *m* en respiration cellulaire; manque *m* en respiration cellulaire  
*p* deficiência *f* de respiracão celular
- 1148 cellular respiration disturbance**  
(Cyt.)  
(Due to disorder of the basic structure of the mitochondria; see also entry: complex mitochondrial.)  
*d* Störung *f* der Zellatmung  
*f* trouble *m* de la respiration cellulaire  
*p* perturbação *f* da respiracão celular
- 1149 cellular respiratory chain; respiratory chain of the cell**  
(Enz.)  
(Ref. to the Krebs(citric acid)-cycle.)  
*d* Atmungskette *f* de Zelle;  
Zell-Atmungskette *f*  
*f* chaîne *f* respiratoire cellulaire  
*p* cadeia *f* respiratória celular

- 1150 cellular/tissue protein**  
(Enz.)  
(Enzymology; protein types of the human body.)  
*d* Zell-/Gewebsprotein *n*  
*f* protéine *f* cellulaire/tissulaire  
*p* proteína *f* celular/tissular
- (Cell membrane: semipermeable layer which contains the cell.)  
*d* Zellwand *f*  
*f* paroi *f* cellulaire  
*p* membrana *f* celular; membrana *f* citoplasmática da célula; plasmalema *m*
- 1151 cellulase**  
(Enz.)  
(Veterinary; a cellulose downbreaking enzyme in the intestine of ruminants.)  
*d* Cellulase *f*  
*f* cellulase *f*  
*p* celulase *f*
- 1152 cellulitis layer**  
(Med.)  
(Ref. to bacterial tissue inflammation, requiring antibiotic treatment.)  
*d* Zellulitis-Schicht *f*  
*f* couche *f* de cellulite  
*p* camada *f* de celulite
- 1153 cellulose cell membrane of the plant cell wall**  
(Phyto.)  
(Ref. to the structure of the plant cell, original source of medicamentous substances.)  
*d* Zellulosemembran *f* der pflanzlichen Zellwand  
*f* membrane *f* cellulosique de la paroi cellulaire végétale  
*p* membrana *f* de celulose da parede celular vegetal
- 1154 cellulose derivatives as film-coating agent**  
(Prod.)  
(Pharmaceutical processes; auxiliary in tablet coating processes (polyvinylpyrrolidone).)  
*d* Zellulosederivate *npl* als Filmbildner  
*f* dérivés *mpl* de cellulose comme agent d'enrobage à pellicule; dérivés *mpl* de cellulose comme agent de revêtement à pellicule  
*p* derivados *mpl* de celulose como formadores de filme
- 1155 cellulose granulate**  
(Prod.)  
(Auxiliary in pharmaceutical processes: ref. to tablet-production method, tableting process.)  
*d* Zellulosegranulat *n*  
*f* granulé *m* de cellulose  
*p* granulado *m* de celulose
- 1156 cell wall; plasma membrane; plasmalemma**  
(Cyt.)
- (Anat.)  
(Brain and spinal cord.)  
*d* zentrales Nervensystem *n*; Zentralnervensystem *n*  
*f* système *m* nerveux central  
*p* sistema *m* nervoso central
- \* **central spindle** → 53
- 1157 central nervous system**  
(Anat.)  
(Brain and spinal cord.)  
*d* zentrales Nervensystem *n*; Zentralnervensystem *n*  
*f* système *m* nerveux central  
*p* sistema *m* nervoso central
- 1158 centrifugal force**  
(Prod.)  
(Pharmaceutical processes; directed outwards from the centre of rotation (e.g. centrifugal pump).)  
*d* Zentrifugalkraft *f*; Fliehkraft *f*  
*f* force *f* centrifuge  
*p* força *f* centrifugal
- 1159 centrifugation**  
(Prod.)  
(Pharmaceutical technology; subject to centrifugal force, directed away from the centre of rotation; see also entry: centrifugal force.)  
*d* Zentrifugierung *f*; Zentrifugieren *n*  
*f* centrifugation *f*  
*p* centrifugação *f*
- 1160 centrifuge *v*; eliminate *v* by means of a centrifuge**  
(Prod.)  
(Pharmaceutical processes; ref. to operations of machines, in processes; acting away from the centre (centrifugal); see also: centripetal.)  
*d* zentrifugieren; mittels Zentrifuge ausscheiden  
*f* centrifuger; éliminer au moyen d'une machine centrifuge; éliminer au moyen d'une centrifugeuse  
*p* centrifugar; eliminar mediante centrifugador
- 1161 centriole; centrosome; centrosphere**  
(Cyt.)  
(Particle in cell cytoplasm; ref. to aster and spindle formation during cell division.)  
*d* Zentriol *n*; Zentrosom *n*; Zentralkörperchen *n*  
*f* centriole *m*; centrosome *m*; centrosphère *f*  
*p* centríolo *m*; centrosomo *m*; centrocelular *m*

- 1162 centripetal direction**  
(Prod.)  
(Pharmaceutical processes; ref. to operations of machines etc. in processes: acting towards the centre. In medicine: going from the periphery to the centre (e.g. ref. to impulse transmission of the sensory nerves from the sense organs to the brain.)  
*d* zentripetale Richtung *f*  
*f* direction *f* centripète  
*p* direção *f* centripetal
- 1163 centripetal force**  
(Prod.)  
(Pharmaceutical processes; ref. to a circular force, directed toward the centre of rotation.)  
*d* Zentripetalkraft *f*; Radialkraft *f*  
*f* force *f* centripète  
*p* força *f* centripeta
- 1164 centromere; kinetochores**  
(Cyt.)  
(Ref. to the middle region of the chromosome structure, corresponding to one constriction (heterochromatic region); see entry: heterochromatin.)  
*d* Zentromer *n*  
*f* centromère *m*  
*p* centrômero *m*; cinetôcoro *m*
- \* **centrosphere** → 1161
- 1165 cephalosporin**  
(Ant.)  
(Antibiotic; derivative of 7-aminocephalosporanic acid. (7-ACA).  
Cephalosporin *n*: C<sub>14</sub>H<sub>21</sub>N<sub>3</sub>O<sub>6</sub>S; use e.g.: salmonellosis, typhoid fever.)  
*d* Cephalosporin *n*; Zephalosporin *n*  
*f* céphalosporine *f*  
*p* cefalosporina *f*
- 1166 cephalosporinase**  
(Ant.)  
(Enzyme which is able to inactivate antibiotics.)  
*d* Cephalosporinase *f*; Zephalosporinase *f*  
*f* céphalosporinase *f*  
*p* cefalosporinase *f*
- 1167 cephalosporins for short-term prevention**  
(Ant.)  
(Antibiotic prevention method in certain surgeries.)  
*d* Zephalosporine *npl* zur Kurzzeitvorbeugung  
*f* céphalosporines *fpl* dans la prévention de courte durée  
*p* cefalosporinas *fpl* na prevenção de pouca
- duração
- \* **cerate** → 7004
- 1168 cerebral concentration of melatonin**  
(Horm.)  
(Hormone of the pineal gland (epiphysis); e.g. reduces metabolic activity; cerebral concentrations are modified by daily light/darkness; it is secreted during the dark period.)  
*d* zerebrale Konzentration *f* des Melatonins; im Großhirn befindliche Melatoninkonzentration *f*  
*f* concentration *f* cérébrale de mélatonine  
*p* concentração *f* cerebral de melatonina
- 1169 cerebral cortex**  
(Anat.)  
(Outer layer of the cerebrum: mental ability; consciousness, perception etc.)  
*d* Hirnrinde *f*  
*f* cortex *m* cérébral  
*p* cortex *m* cerebral
- 1170 cerebral tissues**  
(Anat.)  
(Ref. to the cerebral structure.)  
*d* Gehirngewebe *n/npl*  
*f* tissu *mpl* cérébraux  
*p* tecidos *mpl* cerebrais
- 1171 cervix**  
(Anat.)  
(Cervix uteri; uterus passage.)  
*d* Gebärmutterhals *m*  
*f* col *m* de l'utérus  
*p* cérvix *m*; colo *m* uterino
- 1172 cession of an enzyme**  
(Enz.)  
(In certain biochemical processes.)  
*d* Enzymabgabe *f*  
*f* cession *f* d'un enzyme  
*p* cessão *f* de uma enzima
- 1173 cetyl alcohol; hexadecanol**  
(Prod.)  
(C<sub>16</sub>H<sub>34</sub>O; e.g. auxiliary in pharmaceutical (chemistry) production.)  
*d* Cetylalkohol *m*; Hexadecanol *n*  
*f* alcool *m* hexadécylique  
*p* álcool *m* cetílico; hexadecanol *m*
- 1174 chain structure**  
(Prod.)  
(Pharmaceutical technology; chemical characteristic e.g. of polymerization.)

- d* Kettenstruktur *f*  
*f* structure *f* en chaîne  
*p* estrutura *f* em cadeia
- 1175 chalybeate preparation**  
 (Prod.)  
 (A chalybeate: chalybeate (ferruginous medicine: iron salts-containing medicine.)  
*d* Eisenpräparat *n*  
*f* préparation *f* ferrugineuse  
*p* preparação *f* à base de ferro
- \* **chamomile infusion** → 1038
- 1176 changes in chemical/physical characteristics of a suspension**  
 (Prod.)  
 (Pharmaceutical technology; ref. to suspension properties.)  
*d* Änderungen *fpl* in den chemischen/physikalischen Charakteristiken einer Suspension  
*f* changement *m* dans des caractéristiques chimiques/physiques d'une solution  
*p* modificações *fpl* nas características químicas/físicas de uma suspensão
- 1177 changes in physical properties of the tablet**  
 (Prod.)  
 (Pharmaceutical chemistry; tableting problem ref. e.g. to tablet hardness, tablet disintegration etc.)  
*d* Veränderungen *fpl* der physikalischen Tablett-Eigenschaften  
*f* changement *m* dans des propriétés physiques des comprimés  
*p* alterações *fpl* nas propriedades físicas do comprimido
- 1178 changes in the molecular structure of a vitamin**  
 (Vit.)  
 (Vitamin technology; ref. to vitamin biochemistry.)  
*d* Veränderungen *fpl* in der Molekularstruktur eines Vitamins  
*f* modifications *fpl* dans la structure moléculaire d'une vitamine  
*p* modificações *fpl* na estrutura molecular de uma vitamina; alterações *fpl* na estrutura molecular de uma vitamina
- 1179 chapped; chappy** *adj*  
 (Vit.)  
 (Characteristic of the skin, e.g. due to vitamin B<sub>3</sub> deficiency.)  
*d* rauh; aufgesprungen; rissig
- f* rêche  
*p* áspero *m*; áspera *f*
- \* **chappy** → 1179
- 1180 characteristic pathologic[al] effects**  
 (Med.)  
 (Ref. e.g. to certain vitamin deficiencies.)  
*d* charakteristische pathologische Auswirkungen *fpl*  
*f* effets *mpl* pathologiques caractéristiques  
*p* efeitos *mpl* patológicos característicos
- 1181 characterization of a vitamin**  
 (Vit.)  
 (Vitamin biochemistry; in chemical structure identification.)  
*d* Charakterisierung *f* eines Vitamins  
*f* caractérisation *f* d'une vitamine  
*p* caraterização *f* de uma vitamina
- 1182 charge of a molecule**  
 (Mol.)  
 (See entries: dipole, dipole moment, electric positive charges, electric negative charges.)  
*d* Ladung *f* eines Moleküls  
*f* charge *f* d'une molécule  
*p* carga *f* de uma molécula
- 1183 cheek**  
 (anat.)  
 (Ref. to the lateral parts of the face.)  
*d* Backe *f*; Wange *f*  
*f* joue *f*  
*p* face *f* (lateral)
- 1184 cheekbone; zygomatic bone**  
 (Anat.)  
 (Bones: "Arcus zygomaticus".)  
*d* Jochbein *n*; Backenknochen *m*  
*f* os *m* malaire  
*p* osso *m* zigomático; arcada *f* zigomática
- 1185 cheilosis**  
 (Vit.)  
 (Inflammation of the lips; vitamin B<sub>2</sub> deficiency.)  
*d* Lippenentzündung *f*  
*f* chéilose *f*  
*p* quilose *f*; queilose *f*
- 1186 chelate; chelate complex**  
 (Mol.)  
 (Metal ion complex.)  
*d* Chelat *n*; Chelatkomplex *m*  
*f* chélate *m*; complexe *m* de chélate  
*p* quelato *m*; complexo *m* de quelato

- 1187 chelate; complex compound**  
(Prod.)  
(Pharmaceutical chemistry; ring structure compound encompassing a metal ion; coordination compound; (e.g. EDTA = ethylenediaminetetracetic acid, compound used as a chelating agent).)  
*d* Chelat *n*; Komplexverbindung *f*  
*f* chélate *m*; complexe *m* composé  
*p* quelato *m*; composto *m* complexado  
  
\* **chelate complex** → 1186
- 1188 chelate formation**  
(Mol.)  
(Formation of a chelate: a ring-structure compound containing a metal ion.)  
*d* Chelatbildung *f*  
*f* formation *f* de chélate  
*p* formação *f* de quelato
- 1189 chelate ring**  
(Mol.)  
(Chelate complex formation: a ring-structure containing a metal ion.)  
*d* Chelating *m*  
*f* noyau *m* chélaté  
*p* anel *m* quelatado; anel *m* de quelato  
  
\* **chelating agent** → 1476
- 1190 chelating properties of ascorbic acid; chelating properties of vitamin C**  
(Vit.)  
(Vitamin physiology; ref. to the metal-ion metabolism, dietetic metal-ion absorption.)  
*d* komplexbildende Eigenschaften *fpl* der Ascobinsäure; komplexbildende Eigenschaften *fpl* der Vitamin C  
*f* propriétés *fpl* formatrices de chélates de l'acide ascorbique; propriétés *fpl* formatrices de chélates de vitamine C  
*p* propriedades *fpl* formadoras de quelatos do ácido ascórbico; propriedades *fpl* formadoras de quelatos do vitamina C  
  
\* **chelating properties of vitamin C** → 1190  
  
\* **chelator** → 1476
- 1191 chemical affinity**  
(Mol.)  
(Product tendency towards formation of chemical bonds, formed by attractive forces holding atoms together in a molecule: e.g. covalent bonds.)  
*d* chemische Affinität *f*  
*f* affinité *f* chimique  
*p* afinidade *f* química
- 1192 chemical aggregation; chemical association**  
(Mol.)  
(Aggregation of molecules and atoms by cohesion; in case of similar molecules called "association".)  
*d* chemische Aggregation *f*; chemische Assoziation *f*  
*f* agrégation *f* chimique; association *f* chimique  
*p* agregação *f* química; associação *f* química  
  
\* **chemical antifungus** → 6159  
  
\* **chemical association** → 1192
- 1193 chemical binding forces**  
(Mol.)  
(Ref. to a chemical bond.)  
*d* chemische Bindungskräfte *fpl*  
*f* forces *fpl* chimiques de liaison  
*p* forças *fpl* químicas de ligação
- 1194 chemical bonds**  
(Mol.)  
(Covalent bond, ionic bond, molecular orbitals: the basis of elaboration of active principles.)  
*d* chemische Bindungen *fpl*  
*f* liaisons *fpl* chimiques  
*p* ligações *fpl* químicas
- 1195 chemical combination**  
(Mol.)  
(Uniting elements with the purpose of forming a chemical compound; a stable bond of various atoms, of definite proportions, yielding a substance with characteristic physical/chemical properties.)  
*d* chemische Zusammensetzung *f*  
*f* combinaison *f* chimique  
*p* combinação *f* química
- 1196 chemical complexes of natural origin in homeopathy**  
(Homoeop.)  
(Hom[o]eopathic prime material, e.g. not purified sea salt.)  
*d* chemische Komplexe *mpl* natürlicher Herkunft in der Homöopathie  
*f* complexes *mpl* chimiques d'origine naturelle en homéopathie  
*p* complexos *mpl* químicos de origem natural na homeopatia

- 1197 chemical complexes with active substances**  
(Prod.)  
(Pharmaceutical technology; ref. e.g. to insoluble polyvinylpyrrolidone and its interactions with pharmaceutical chemicals in form of medicinal drugs.)  
*d* chemische Komplexe *mpl* mit Wirkstoffen  
*f* complexes *mpl* chimiques avec des principes actifs  
*p* complexos *mpl* químicos com princípios ativos
- 1198 chemical composition of an antibiotic**  
(Ant.)  
(Pharmaceutical technology of the preparation of an antibiotic drug.)  
*d* chemische Zusammensetzung *f* eines Antibiotikums  
*f* composition *f* chimique d'un antibiotique  
*p* composição *f* química de um antibiótico
- 1199 chemical compound**  
(Prod.)  
(Pharmaceutical technology; compare entry: composition.)  
*d* chemische Verbindung *f*  
*f* composé *m* chimique  
*p* composto *m* químico
- 1200 chemical condensation**  
(Mol.)  
(A reaction where two molecules – by splitting off water (H<sub>2</sub>O) – unite, forming a more complex one.)  
*d* chemische Kondensation *f*  
*f* condensation *f* chimique  
*p* condensação *f* química
- 1201 chemical conjugation in pharmaceutical chemistry**  
(Prod.)  
(Pharmaceutical chemistry; ref. to the combination of two toxic compounds, forming a third, nontoxic, one, in detoxication processes.)  
*d* chemische Konjugation *f* in der pharmazeutischen Chemie  
*f* conjugaison *f* chimique dans la chimie pharmaceutique  
*p* conjugação *f* química na química farmacêutica
- 1202 chemical constitution**  
(Prod.)  
(Pharmaceutical chemistry; ref. to the chemical nature e.g. of an active principle.)  
*d* chemische Konstitution *f*; chemischer Aufbau *m*
- f* constitution *f* chimique  
*p* constituição *f* química
- 1203 chemical contaminants**  
(Prod.)  
(Pharmaceutical processes; production- and product problem.)  
*d* chemische Verunreinigungen *fpl*  
*f* contaminants *mpl* chimiques  
*p* contaminantes *mpl* químicos
- 1204 chemical degradation**  
(Prod.)  
(Pharmaceutical chemistry; e.g. ref. to decomposition of a chemical compound.)  
*d* chemischer Abbau *m*  
*f* dégradation *f* chimique  
*p* degradação *f* química
- 1205 chemical derivative**  
(Prod.)  
(Pharmaceutical chemistry; a chemical substance prepared (derived) from another chemical substance, conserving (in general) the structure of the original one.)  
*d* chemisches Derivat *n*  
*f* dérivé *m* chimique  
*p* derivado *m* químico
- 1206 chemical dissociation**  
(Mol.)  
(Disintegration of molecules into simpler constituents.)  
*d* chemische Dissoziation *f*; chemische Spaltung *f*  
*f* dissociation *f* chimique  
*p* dissociação *f* química
- 1207 chemical dissociation process**  
(Prod.)  
(Pharmaceutical technology; splitting of chemical combinations into its smaller constituent units.)  
*d* chemischer Dissoziationsprozess *m*  
*f* processus *m* chimique de dissociation  
*p* processo *m* químico de dissociação
- 1208 chemical dosage of alkaloids**  
(Phyto.)  
(Pharmaceutical technology; e.g. in certain control operations of tincture elaboration.)  
*d* chemische Dosierung *f* der Alkaloide  
*f* dosage *m* chimique des alcaloïdes  
*p* dosagem *f* química dos alcalóides
- 1209 chemical double linkage**  
(Mol.)  
(Ref. to the way how atoms are linked in a molecule.)



- d* chemische Doppelbindung *f*  
*f* liaison *f* double chimique  
*p* ligação *f* dupla química
- 1210 chemical drug**  
 (Prod.)  
 (Pharmaceutical technology; ref. to medicamentous drugs.)  
*d* chemische Droge *f*  
*f* drogue *f* chimique  
*p* droga *f* química
- 1211 chemical element**  
 (Prod.)  
 (Pharmaceutical chemistry; ref. to a substance which is not decomposable any more into a simpler one.)  
*d* chemisches Element *n*  
*f* élément *m* chimique  
*p* elemento *m* químico
- 1212 chemical energy**  
 (Prod.)  
 (Pharmaceutical technology; ref. to energy stored/present in chemical compounds.)  
*d* chemische Energie *f*  
*f* énergie *f* chimique  
*p* energia *f* química
- 1213 chemical equation**  
 (Prod.)  
 (Pharmaceutical processes: ref. to chemical reactions.)  
*d* chemische Gleichung *f*  
*f* équation *f* chimique  
*p* equação *f* química
- 1214 chemical equilibrium**  
 (Prod.)  
 (Pharmaceutical technology; a dynamic balance of a reversible chemical reaction.)  
*d* chemisches Gleichgewicht *n*  
*f* équilibre *m* chimique  
*p* equilibrio *m* químico
- 1215 chemical equilibrium in pharmacology**  
 (Prod.)  
 (Pharmaceutical technology; ref. to the possibility of reversible modification within a substance-system.)  
*d* chemisches Gleichgewicht *n* in der Pharmakochemie  
*f* équilibre *m* chimique dans la pharmacochimie  
*p* equilibrio *m* químico na farmacocímica
- 1216 chemical experiment**  
 (Prod.)  
 (Pharmaceutical chemistry.)  
*d* chemischer Versuch *m*  
*f* expérience *f* chimique  
*p* experiência *f* química
- 1217 chemical formula**  
 (Prod.)  
 (Pharmaceutical chemistry; see entries: molecular formula and structural formula.)  
*d* chemische Formel *f*; chemische Zeichensprache *f*  
*f* formule *f* chimique  
*p* fórmula *f* química
- 1218 chemical forward reaction and backward reaction**  
 (Prod.)  
 (Pharmaceutical technology; see entry: reversible chemical reaction.)  
*d* chemische Hinreaktion *f* und Rückreaktion *f*  
*f* réaction *f* chimique en avant et en arrière  
*p* reação *f* química para frente e para trás
- 1219 chemical incompatibilities in pharmaceutical chemistry**  
 (Prod.)  
 (Pharmaceutical chemistry; ref. to stability problems e.g. due to oxidation processes, esterification and saponification reactions and others.)  
*d* chemische Unverträglichkeiten *fpl* in der pharmazeutischen Chemie  
*f* incompatibilités *mpl* chimiques dans la chimie pharmaceutique  
*p* incompatibilidades *fpl* químicas na química farmacêutica
- 1220 chemical inertia towards the medicinal drug**  
 (Prod.)  
 (Pharmaceutical chemistry; ref. to certain auxiliaries.)  
*d* chemische Inertie *f* gegenüber dem Medikament  
*f* inertie *f* chimique vis-à-vis du médicament  
*p* inércia *f* química para com o medicamento
- 1221 chemical interaction**  
 (Prod.)  
 (Pharmaceutical chemistry.)  
*d* chemische Interaktion *f*; chemische Wechselwirkung *f*  
*f* interaction *f* chimique  
*p* interação *f* química
- 1222 chemical inversion**  
 (Prod.)  
 (Reaction of change from an optically active configuration to the opposite configuration.)

- d* chemische Inversion *f*; chemische Umkehrung *f*  
*f* inversion *f* chimique  
*p* inversão *f* química
- 1223 chemical laboratory experiment**  
 (Prod.)  
 (Pharmaceutical technology; ref. to chemical research.)  
*d* chemischer Laboratoriumsversuch *m*  
*f* expérience *f* chimique de laboratoire  
*p* experiência *f* química de laboratório
- 1224 chemically crosslinked** *adj*  
 (Prod.)  
 (Pharmaceutical technology; ref. to certain polyvinylpyrrolidone polymer type.)  
*d* chemisch vernetzt  
*f* réticulé chimiquement  
*p* reticulado quimicamente
- 1225 chemically fragmented virus**  
 (Prod.)  
 (Pharmaceutical technology; e.g. for vaccine elaboration.)  
*d* chemisch fragmentierte Viren *npl*  
*f* virus *mpl* fragmentés chimiquement  
*p* virus *mpl* fragmentados quimicamente
- 1226 chemically interrelated substances**  
 (Prod.)  
 (Pharmaceutical chemistry; ref. to chemical product structures.)  
*d* chemische zusammenhängende Substanzen *fpl*  
*f* substances *fpl* chimiquement interrelationées  
*p* substâncias *fpl* quimicamente interrelacionadas
- 1227 chemically/physiologically inert; chemically/physiologically not reactive** *adj*  
 (Prod.)  
 (Pharmaceutical chemistry; ref. to characteristics of auxiliary product, e.g. in tablet compression processes.)  
*d* chemisch/physiologisch inert;  
 chemisch/physiologisch reaktionsunfähig  
*f* chimiquement/physiologiquement inerte;  
 chimiquement/physiologiquement non réactif  
*p* quimicamente/fisiologicamente inerte;  
 quimicamente/fisiologicamente não reativo
- \* **chemically/physiologically not reactive** → 1227
- 1228 chemically related substances**
- (Prod.)  
 (Pharmaceutical chemistry; ref. to chemical product structures.)  
*d* chemisch verwandte Substanzen *fpl*  
*f* substances *fpl* chimiquement relationées  
*p* substâncias *fpl* quimicamente relacionadas
- 1229 chemical nature of an atom is defined by its electron cloud**  
 (Mol.)  
 (The structure of which is determined by the proton number Z.)  
*d* chemische Natur *f* eines Atoms wird von seiner Elektronenwolke bestimmt  
*f* nature *f* chimique d'un atome est déterminée par sa nuage d'électrons  
*p* natureza *f* química de um átomo é definida por sua nuvem de elétrons
- 1230 chemical parameter of pharmaceutical investigation**  
 (Prod.)  
 (Pharmaceutical technology.)  
*d* chemischer Parameter *m* pharmazeutischer Forschung; chemische Dimension *f* der Pharmaforschung  
*f* paramètre *m* chimique de la recherche pharmaceutique  
*p* parâmetro *m* químico da pesquisa farmacêutica
- 1231 chemical-pharmaceutical; pharmacochemical** *adj*  
 (Prod.)  
 (Pharmaceutical chemistry.)  
*d* chemisch-pharmazeutisch  
*f* pharmacochimique  
*p* farmacoquímico; químico-farmacêutico
- 1232 chemical/physical properties of a suspension**  
 (Prod.)  
 (Pharmaceutical technology; ref. to suspensions.)  
*d* chemische/physikalische Eigenschaften *fpl* einer Suspension  
*f* propriétés *fpl* chimiques/physiques d'une solution  
*p* propriedades *fpl* químicas/físicas de uma suspensão
- 1233 chemical powder**  
 (Prod.)  
 (Pharmaceutical chemistry; finely divided chemical matter.)  
*d* chemisches Pulver *n*  
*f* poudre *f* chimique  
*p* pó *m* químico

- 1234 chemical preliminary experiment**  
(Prod.)  
(Pharmaceutical technology; ref. e. g. to research activities.)  
*d* chemische Vorversuch *m*  
*f* expérience *f* chimique préliminaire  
*p* experiência *f* química preliminar
- 1235 chemical pretreatment**  
(Prod.)  
(Pharmaceutical processes.)  
*d* chemische Vorbehandlung *f*  
*f* traitement *m* chimique préalable  
*p* pretratamento *m*; tratamento *m* prévio
- 1236 chemical prime material to be obtained by biotechnological synthesis**  
(Prod.)  
(Biotechnology as applied biological science.)  
*d* chemische Ausgangsprodukte *npl* ausgehend von biotechnologischen Synthesen  
*f* produits *mpl* chimiques de base à partir des synthèses biotechnologiques  
*p* produtos *mpl* químicos de base a partir de sínteses biotecnológicas
- 1237 chemical product**  
(Prod.)  
(Pharmaceutical chemistry; ref. to chemical substance, chemical mixture; product of synthesis; not: chemical element, see this entry.)  
*d* chemisches Produkt *n*  
*f* produit *m* chimique  
*p* produto *m* químico
- 1238 chemical profile**  
(Prod.)  
(Pharmaceutical technology; ref. to an outline/representation of e.g. structures, characteristics, properties of an active principle; outline consideration of chemical aspects.)  
*d* chemisches Profil *n*  
*f* profil *m* chimique  
*p* perfil *m* químico
- 1239 chemical properties of a substance**  
(Prod.)  
(Pharmaceutical chemistry; characteristics of a pharmaceutical substance.)  
*d* chemische Eigenschaften *fpl* eines Stoffes  
*f* propriétés *fpl* chimiques d'une substance  
*p* propriedades *fpl* químicas de uma substância
- 1240 chemical pure lactose as a homeopathic**  
**auxiliary**  
(Homoeop.)  
(In hom[o]eopathic preparations.)  
*d* chemisch reine Laktose *f* als homöopathisches Hilfsmittel  
*f* lactose *f* chimiquement pure comme de l'auxiliaire homéopathique  
*p* lactose *f* quimicamente pura como auxiliar homeopático
- 1241 chemical purity of a substance**  
(Prod.)  
(Pharmaceutical chemistry; e.g. ref. to control operations.)  
*d* chemische Reinheit *f* einer Substanz  
*f* pureté *f* chimique d'une substance  
*p* pureza *f* química de uma substância
- 1242 chemical reaction**  
(Prod.)  
(Pharmaceutical technology; ref. to chemical processes, interaction of chemical structures/units.)  
*d* chemische Reaktion *f*  
*f* réaction *f* chimique  
*p* reação *f* química
- 1243 chemical reaction-enthalpy**  
(Prod.)  
(Pharmaceutical processes; symbol H of a thermodynamic property.)  
*d* chemische Reaktionsenthalpie *f*  
*f* enthalpie *f* chimique de réaction  
*p* entalpia *f* química de reação
- 1244 chemical similarity between sulphonamides and p-aminobenzoic acid**  
(Ant.)  
(Activity principle of sulphonamides: inhibition of folic acid synthesis in bacteria by displacement of p-aminobenzoic acid, causing inhibition of bacterial division (bacteriostatic effect).)  
*d* chemische Ähnlichkeit *f* zwischen Sulfonamiden und p-Aminobenzoesäure  
*f* similarité *f* chimique entre sulfonamides et l'acide aminobenzoïque  
*p* semelhança *f* química entre sulfonamidas e ácido p-aminobenzoico
- 1245 chemical stability of the formulation**  
(Prod.)  
(Pharmaceutical technology; research and production of pharmaceutical forms; e.g. ref. to guide formulations.)  
*d* chemische Stabilität *f* der Formulierung  
*f* stabilité *f* chimique de la formulation  
*p* estabilidade *f* química da formulação

- 1246 chemical sterilization process**  
(Prod.)  
(Pharmaceutical technology: sterilization by chemical methods; e.g. gasification with ethylene oxide (C<sub>2</sub>H<sub>4</sub>O) or formaldehyde (CH<sub>2</sub>O).)  
*d* chemischer Sterilisationsprozess *m*;  
chemischer Sterilisierungsprozess *m*  
*f* procédé *m* de stérilisation chimique  
*p* process *m* de esterilização química
- 1247 chemical storage of the energy**  
(Enz.)  
(Ref. to various life-maintaining biochemical reactions; in biotechnology.)  
*d* chemische Speicherung *f* der Energie;  
chemische Energiespeicherung *f*  
*f* emmagasinage *m* chimique de l'énergie  
*p* armazenamento *m* química da energia
- 1248 chemical structure of a vitamin**  
(Vit.)  
(Vitamin biochemistry; chemical structure identification of a vitamin.)  
*d* chemische Struktur *f* eines Vitamins;  
chemischer Aufbau *m* eines Vitamins  
*f* structure *f* chimique d'une vitamine  
*p* estrutura *f* química de uma vitamina
- 1249 chemical substitutions**  
(Prod.)  
(Pharmaceutical technology; ref. to compounds, derived from a principal molecule, where there are one or more atoms substituted by other atoms or atom groups.)  
*d* chemische Substituierungen *fpl*  
*f* substitutions *fpl* chimiques  
*p* substituições *fpl* químicas
- 1250 chemical vitamin derivative**  
(Vit.)  
(Vitamin technology; e.g. beta-carotene, (provitamin A); retinyl acetate (vitamin A derivative).)  
*d* chemisches Vitaminderivat *n*  
*f* dérivé *m* vitaminique chimique  
*p* derivado *m* vitamínico químico
- 1251 chemical vitamin synthesis**  
(Vit.)  
(Vitamin technology; production process for certain vitamins.)  
*d* chemische Vitamin-Synthese *f*  
*f* synthèse *f* chimique de vitamines  
*p* síntese *f* química de vitaminas
- 1252 chemistry of aromatic compounds**  
(Mol.)  
(See entry: aromatic compound.)  
*d* Chemie *f* der Aromaten  
*f* chimie *f* aromatique; chimie *f* des composés aromatiques  
*p* química *f* dos compostos aromáticos
- 1253 chemistry of colloids**  
(Prod.)  
(Pharmaceutical chemistry; see entry: colloids.)  
*d* Chemie *f* der Kolloide  
*f* chimie *f* des colloïdes  
*p* química *f* dos colóides
- 1254 chemistry of galvanotechnics**  
(Prod.)  
(Pharmaceutical processes; ret. to methods producing layers of metallic salts by electrolysis.)  
*d* galvanotechnische Chemie *f*  
*f* chimie *f* de la galvanoplastie  
*p* química *f* galvanoplástica
- 1255 chemoreceptors**  
(Anat.)  
(Ref. to receptors (certain ganglion cells) sensitive to chemical stimulation.)  
*d* Chemorezeptoren *mpl*  
*f* chimiorécepteurs *mpl*  
*p* quimiorreceptores *mpl*
- 1256 chemoreflex**  
(Med.)  
(Ref. to the response to a chemical stimulation.)  
*d* Chemoreflex *m*  
*f* chimioréflexe *m*  
*p* químioreflexo *m*
- 1257 chemoresistance**  
(Ant.)  
(Resistance of bacteria etc. against antibiotic active principles.)  
*d* Chemoresistenz *f*  
*f* chimiorésistance *f*  
*p* químioreistência *f*
- 1258 chemosynthesis**  
(Pharm.)  
(Ref. to synthesis type of organic compounds in living cells based on chemical reactions.)  
*d* Chemosynthese *f*  
*f* chimiosynthèse *f*  
*p* químiosíntese *f*
- 1259 chemotherapeutical index**  
(Pharm.)  
(Relation between efficacy and toleration of a concentration of chemotherapeutics.)

- d* chemotherapeutischer Index *m*  
*f* indice *m* chimiothérapique  
*p* índice *m* quimioterápico
- 1260 chemotherapeutics**  
 (Prod.)  
 (Chemical active principles used in chemotherapy (in contrast to radiotherapy).)  
*d* Chemotherapeutika *npl*  
*f* principes *mpl* actifs chimiothérapiques  
*p* principios *fpl* ativos quimioterápicos
- 1261 chemotherapy**  
 (Med.)  
 (Treatment of disease with chemical active principles.)  
*d* Chemotherapie *f*  
*f* chimiothérapie *f*  
*p* quimioterapia *f*
- 1262 chewable granules**  
 (Prod.)  
 (Pharmaceutical technology; granules as a dosage form.)  
*d* Kaugranulate *npl*  
*f* granules *mpl* à croquer  
*p* grânulos *mpl* a mastigar; grânulos *mpl* mastigáveis
- 1263 chewable tablets**  
 (Prod.)  
 (Pharmaceutical technology; pharmaceutical form.)  
*d* Kautabletten *fpl*  
*f* comprimés *mpl* à mâcher  
*p* comprimidos *mpl* mastigáveis
- 1264 chewable vitamin tablets**  
 (Vit.)  
 (Vitamin technology; a vitamin tablet presentation form.)  
*d* Vitaminkautabletten *fpl*  
*f* comprimés *mpl* vitaminiques à mâcher  
*p* comprimidos *mpl* de vitaminas para mastigar
- 1265 chiasmata**  
 (Cyt.)  
 (In cell division of meiosis, diplotene phase: crossing-over-points of chromosome strings.)  
*d* Chiasmata *npl*  
*f* chiasmes *mpl*  
*p* quiasmas *mpl*
- \* **Chilean boldo** → 945
- \* **Chilean boldu tea** → 3466
- 1266 chin**
- (Anat.)  
 (Lower face structure.)  
*d* Kinn *n*  
*f* menton *m*  
*p* queixo *m*
- \* **Chinese anise** → 5891
- 1267 chloramphenicol**  
 (Ant.)  
 (Broad-spectrum antibiotic; C<sub>11</sub>H<sub>12</sub>Cl<sub>2</sub>N<sub>2</sub>O<sub>5</sub>, obtained from "Streptomyces venezuelae" or synthetically; against gram-positive and gram-negative bacteria and certain viruses.)  
*d* Chloramphenicol *n*  
*f* chloramphénicol *m*  
*p* cloramfenicol *m*
- 1268 chloramphenicol acts bacteriostatically**  
 (Ant.)  
 (Form of antibiotal action on bacteria.)  
*d* Chloramphenicol *n* wirkt bakteriostatisch  
*f* chloramphénicol *m* agit en forme bactériostatique  
*p* cloramfenicol *m* age de forma bacteriostática
- 1269 chloramphenicol acts on anaerobes**  
 (Ant.)  
 (Ref. to the action spectrum of an antibiotic.)  
*d* Chloramphenicol *n* wirkt auf Anaerobier  
*f* chloramphénicol *m* agit sur les anaérobies  
*p* cloramfenicol *m* age sobre os anaeróbios
- 1270 chloramphenicol acts on enterobacteria**  
 (Ant.)  
 (Ref. to the action spectrum of an antibiotic.)  
*d* Chloramphenicol *n* wirkt auf Enterobakterien  
*f* chloramphénicol *m* agit sur les entérobactéries  
*p* cloramfenicol *m* age sobre as enterobactérias
- 1271 chloramphenicol has a bacteriostatic effect on the salmonellae**  
 (Ant.)  
 (Ref. to the action spectrum of an antibiotic.)  
*d* Chloramphenicol *n* übt eine bakteriostatische Wirkung auf Salmonellen aus  
*f* chloramphénicol *m* exerce un effet bactériostatique sur les salmonelles  
*p* cloramfenicol *m* exerce um efeito bacteriostático sobre salmonelas
- 1272 chloramphenicol having a structure similar to ephedrine**  
 (Ant.)  
 (See also entry: chloramphenicol.)  
*d* Chloramphenicol *n* mit ephidrinähnlichem Aufbau; Chloramphenikol *n* mit ephidrinähnlichem Aufbau

- f* chloramphénicol *m* ayant la structure semblable à l'éphédrine  
*p* cloramfenicol *m* de estrutura semelhante à efidrina
- 1273 chloramphenicol is effective against a great number of bacteria**  
 (Ant.)  
 (Ref. to the properties of chloramphenicol.)  
*d* Chloramphenikol *m* wirkt auf eine große Anzahl von Bakterien  
*f* chloramphénicol *m* est actif sur un grand nombre de bactéries  
*p* cloramfenicol *m* atua sobre um grande número de bactérias
- 1274 chloramphenicol is ineffective against viruses**  
 (Ant.)  
 (Ref. to the action spectrum of an antibiotic. (In German: sing.: das Virus [also: der Virus]; die Viren *npl*.)  
*d* Chloramphenikol *n* ist unwirksam gegen Viren  
*f* chloramphénicol *m* est inefficace contre les virus  
*p* cloramfenicol *m* é ineficaz contra vírus
- 1275 chlorinated fluorocarbon**  
 (Prod.)  
 (Pharmaceutical chemistry; a chlorinated hydrocarbon; see this entry.)  
*d* Chlorfluorkohlenstoff *m*  
*f* fluorocarbone *m* chloruré  
*p* fluorocarbone *m* clorado
- 1276 chlorinated hydrocarbon**  
 (Prod.)  
 (Pharmaceutical chemistry; a chlorinated hydrocarbon; see this entry.)  
*d* Chlorkohlenwasserstoff *m*  
*f* hydrocarbure *m* chloruré  
*p* hidrocarboneto *m* clorado
- 1277 chlorine has a strong germicidal activity**  
 (Prod.)  
 (Pharmaceutical technology; symbol: Cl; use: only for water treatment; in higher concentrations affects the proteins of the organism.)  
*d* Chlor *n* besitzt eine starke keimtötende Wirkung  
*f* chlore *m* possède une forte activité germicide  
*p* cloro *m* possui uma ação germicida forte
- 1278 chloroform liniment**  
 (Prod.)  
 (Pharmaceutical technology; pharmaceutical form (chloroform: trichloromethane: CHCl<sub>3</sub>) for application (by rubbing) on the skin: rubefacient (ref. to skin reddening and warming effect).)  
*d* Chloroformliniment *n*;  
 Chloroformeinreibungsmittel *n*  
*f* liniment *m* chloroformique  
*p* linimento *m* à base de clorofórmio
- 1279 chloroform solvent**  
 (Prod.)  
 (CHCl<sub>3</sub>; trichloromethane; auxiliary in pharmaceutical processes; a solvent in pharmaceutical production.)  
*d* Chloroform-Lösungsmittel *n*  
*f* chloroforme *m* solvant  
*p* solvente *m* de clorofórmio
- 1280 chlorogenic acid**  
 (Phyto.)  
 (C<sub>16</sub>H<sub>18</sub>O<sub>9</sub>; contained in alcoholic tincture of artichoke, see this entry.)  
*d* Chlorogensäure *f*  
*f* acide *m* chlorogénique  
*p* ácido *m* clorogênico
- 1281 chlorophyllase**  
 (Enz.)  
 (Chlorophyll hydrolyzing plant enzyme; e.g. causing browning of green vegetables (greens).)  
*d* Chlorophyllase *f*  
*f* chlorophyllase *f*  
*p* clorofilase *f*
- 1282 chloroquine**  
 (Prod.)  
 (C<sub>18</sub>H<sub>26</sub>ClN<sub>3</sub> medicamentous substance in the diphosphate form (C<sub>18</sub>H<sub>26</sub>ClN<sub>3</sub>.2H<sub>3</sub>PO<sub>4</sub>), an antimalarial.)  
*d* Chloroquin *n*  
*f* chloroquine *f*  
*p* cloroquina *f*
- 1283 chlorothiazide**  
 (Prod.)  
 (C<sub>7</sub>H<sub>6</sub>ClN<sub>3</sub>O<sub>4</sub>S<sub>2</sub>; original active principle (see entry); use: diuretic and antihypertensive agent.)  
*d* Chlorthiazid *n*  
*f* chlorothiazide *f*  
*p* clorotiazida *f*
- 1284 chlorpromazine**  
 (Prod.)  
 (C<sub>17</sub>H<sub>19</sub>ClN<sub>2</sub>S; medicamentous substance; sedative; antiemetic (vomiting preventing).)  
*d* Chlorpromazin *n*

- f* chlorpromazine *f*  
*p* cloropromazina *f*
- 1285 chlorpropamide**  
(Prod.)  
(C<sub>10</sub>H<sub>13</sub>ClN<sub>2</sub>O<sub>3</sub>S; medicamentous substance;  
see entry: antidiabetic medicinal drug;  
diabetes mellitus.)  
*d* Chlorpropamid *n*  
*f* chlorpropamide *m*  
*p* clorpropamida *f*
- \* **chlortetracycline** → 688
- 1286 cholagogue**  
(Prod.)  
(Bile flow stimulating drug.)  
*d* gallentreibendes Mittel *n*  
*f* cholagogue *m*  
*p* colagogo *m*
- \* **cholecalciferol** → 6836
- 1287 cholecalciferol acts regulating the homeostasis of calcium**  
(Vit.)  
(Vitamin physiology; vitamin D<sub>3</sub> acting to maintain the calcium equilibrium in the organism.)  
*d* Cholecalciferol *n* wirkt regulierend auf die Homöostasie des Calciums  
*f* cholécalficérol *m* agit régulant la homéostasie du calcium  
*p* colecalciferol *m* atua regulando a homeostase do cálcio
- 1288 cholecystokinin**  
(Horm.)  
(Cholecystokinin-pancreozymin, "hormones of the stomachic-intestinal canal", see this entry: hormone secreted by the duodenum.)  
*d* Cholecystokinin *n*  
*f* cholécystokinine *f*  
*p* colecistoquinina *f*
- 1289 cholecystokinin, a hormone secreted by the duodenal mucosa**  
(Horm.)  
(Hormone biochemistry; hormone physiology.)  
*d* Cholecystokinin *n*, ein von der Zwölffingerdarm-Schleimhaut abesonderes Hormon  
*f* cholécystokinine *f*, une hormone sécrétée par la muqueuse duodénale  
*p* colecistoquinina *f*, um hormônio secretado pela mucosa do duodeno
- 1290 cholecystokinin regulates emptying of the gallbladder**  
(Horm.)  
(Hormone biochemistry; hormone physiology.)  
*d* Cholecystokinin *n* reguliert die Leerung der Gallenblase  
*f* cholécystokinine *f* règle le vidage de la vésicule biliaire  
*p* colecistoquinina *f* regula o esvaziamento da vesícula biliar
- 1291 cholecystokinin regulates the pancreas enzyme secretion**  
(Horm.)  
(Hormone biochemistry; hormone physiology.)  
*d* Cholecystokinin *n* reguliert die Pankreasenzym-Absonderung; Cholecystokinin *n* reguliert die Bauchspeicheldrüsenenzym-Absonderung  
*f* cholécystokinine *f* règle la sécrétion des enzymes pancréatiques  
*p* colecistoquinina *f* regula a secreção das enzimas pancreáticas
- 1292 cholesterolesterase**  
(Enz.)  
(Cholesterolester downbreaking enzyme.)  
*d* Cholesterinesterase *f*  
*f* cholestérolésterase *f*  
*p* colesterolesterase *f*
- 1293 cholestyramine**  
(Prod.)  
(Medicamentous substance, forming complexes with bile acids; e.g. in hypercholesterolemia.)  
*d* Cholestyramin *n*  
*f* choléstýramine *f*  
*p* colestiramina *f*
- 1294 holine**  
(Vit.)  
(C<sub>5</sub>H<sub>15</sub>NO<sub>2</sub>. Inhibits fatty deposits in the body. Hypotensive active agent.)  
*d* Cholin *n*  
*f* choline *f*  
*p* colina *f*
- 1295 choline bitartrate**  
(Prod.)  
(A choline derivative, used in pharmaceutical technology.)  
*d* Cholinbitartrat *n*  
*f* bitartrate *m* de choline  
*p* bitartrato *m* de colina

- 1296 choline chloride**  
(Prod.)  
(C<sub>5</sub>H<sub>14</sub>ClNO; a choline derivative; lipotropic  
(fat utilization in the liver promoting) agent .)  
*d* Cholinchlorid *n*  
*f* chlorure *m* de choline  
*p* cloreto *m* de colina
- 1297 choline salts**  
(Prod.)  
(Choline derivatives used in pharmaceutical  
technology.)  
*d* Cholinsalze *npl*  
*f* sels *mpl* de la choline  
*p* sais *mpl* da colina
- 1298 choline stearate**  
(Prod.)  
(A choline derivative, used in pharmaceutical  
technology.)  
*d* Cholinstearat *n*  
*f* stéarate *m* de choline  
*p* estearato *m* de colina
- 1299 cholinesterase**  
(Enz.)  
(Specific enzyme in the blood and tissues that  
splits acetylcholine into choline and acetic  
acid.)  
*d* Cholinesterase *f*  
*f* cholinestérase *f*  
*p* colinesterase *f*
- \* **choriogonadotrop[h]in → 1300**
- 1300 chorionic gonadotrop[h]in;  
choriogonadotrop[h]in**  
(Horm.)  
(Human CG (HCG); produced by the placenta  
during pregnancy; pregnancy test hormone.)  
*d* Choriongonadotropin *n*; Plazentahormon *n*  
*f* gonadotrop[h]ine *f* chorionique;  
gonadotrop[h]ine *f* placentaire;  
choriogonadotrop[h]ine *f*  
*p* gonadotropina *f* placentário; gonadotrofina *f*  
coriônico
- 1301 choroid of the eye**  
(Anat.)  
(Ref. to eye structure; excess of light  
absorbing layer behind the retina.)  
*d* Aderhaut *f* des Auges  
*f* choroïde *f* de l'œil  
*p* coróide *f* do olho
- 1302 chromatid**  
(Cyt.)  
(Each of the four strings containing the DNA,  
forming, together with the centromer, the  
chromosome.)  
*d* Chromatid *n*  
*f* chromatide *f*  
*p* cromátide *f*
- 1303 chromatid fragment**  
(Cyt.)  
(Ref. to chromatid defect, see also entry:  
chromatid.)  
*d* Chromatidenbruch *m*  
*f* fragment *m* de la chromatide  
*p* fragmento *m* da cromátide
- \* **chromatin deficient area → 1304**
- 1304 chromatin gap; chromatin deficient area**  
(Cyt.)  
(Chromosomal mutation; see also entry:  
heterochromatin.)  
*d* achromatische Lücke *f*; achromatischer  
Bereich *f*  
*f* lacune *f* achromatique; zone *f* achromatique  
*p* lacuna *f* acromática; região *f* acromática
- 1305 chromatographic separation of vitamin A  
and its isomers**  
(Vit.)  
(Vitamin technology; chromatography, a  
separation process for substance-mixtures.)  
*d* chromatographische Trennung *f* von Vitamin  
A und seinen Isomeren  
*f* séparation *f* chromatographique de la vitamine  
A et ses isomères  
*p* separação *f* cromatográfica da vitamina A e  
seus isómeros
- \* **chromium (III) oxide → 1307**
- \* **chromic oxide → 1307**
- 1306 chromium as a trace element in vitamin  
formulations**  
(Vit.)  
(Vitamin technology; Cr; as glucose tolerance  
factor.)  
*d* Chrom *n* als Spurenelement in  
Vitaminformulierungen  
*f* chrome *m* comme oligoélément dans des  
formulations vitaminiques  
*p* cromo *m* como microelemento em  
formulações vitamínicas
- 1307 chromium oxide; chromic oxide;  
chromium (III) oxide**  
(Vit.)  
(Cr<sub>2</sub>O<sub>3</sub>; to be found in the synthesis pathway  
of vitamin K<sub>3</sub>, menadione.)



- d* Chrom(III)oxid *n*  
*f* oxyde *m* chromique; chrome(III)oxyde *m*  
*p* óxido *m* crômico
- 1308 chromoblasts**  
 (Cyt.)  
 (Embryonic cell which transmutes into a pigmentary one.)  
*d* Chromoblasten *mpl*  
*f* chromoblastes *mpl*  
*p* cromoblastos *mpl*
- \* **chromocyte** → 4826
- 1309 chromomere**  
 (Cyt.)  
 (Each one of the bead-shaped stained material of the chromatin, along the chromosome.)  
*d* Chromomer *n*  
*f* chromomère *m*  
*p* cromômero *m*
- 1310 chromophores**  
 (Mol.)  
 (Colour conferring molecule part.)  
*d* Chromophor *n*  
*f* chromophore *m*  
*p* cromóforo *m*
- 1311 chromoproteids**  
 (Enz.)  
 (Ref. to proteins with chromophores.)  
*d* Chromoproteide *npl*  
*f* chromprotéides *mpl*  
*p* cromoproteídeos *mpl*
- 1312 chromosomal anomalies**  
 (Cyt.)  
 (Occurring in newborn children.)  
*d* Chromosomenanomalien *fpl*  
*f* anomalies *fpl* chromosomiques  
*p* anomalias *fpl* cromossômicas
- 1313 chromosomal crossing-over**  
 (Cyt.)  
 (Interchange between homologous chromosomes (in certain cell division phases, in meiosis).)  
*d* Chromosom-Permutation *f*; chromosomaler Austausch *m*  
*f* permutation *f* chromosomique  
*p* permutação *f* cromossômica
- 1314 chromosomal deficiency; loss of a chromosome part**  
 (Cyt.)  
 (Cytology; in cytogenetics.)
- d* Chromosomenteilmangel *m*;  
 Chromosomenteilverlust *m*  
*f* déficience *f* chromosomique; perte *f* d'une fraction chromosomique  
*p* deficiência *f* cromossômica; perda *f* de uma fração cromossômica
- 1315 chromosomal duplication**  
 (Cyt.)  
 (Ref. to the duplication of a chromosome-segment.)  
*d* chromosomale Duplication *f*; Verdopplung *f* eines Chromosomenabschnitts  
*f* duplication *f* chromosomique  
*p* duplicação *f* cromossômica
- 1316 chromosomal fusion**  
 (Cyt.)  
 (Ref. to chromosomal activity (of two non homologous chromosomes).)  
*d* Chromosomenverschmelzung *f*; Vereinigung *f* von Chromosomen  
*f* fusion *f* chromosomique  
*p* fusão *f* cromossômica
- 1317 chromosomal interference**  
 (Cyt.)  
 (Ref. to perturbations of chromosomal exchanges.)  
*d* chromosomale Interferenz *f*  
*f* interférence *f* chromosomique  
*p* interferência *f* cromossômica
- 1318 chromosomal inversion**  
 (Cyt.)  
 (Ref. to the inversion of chromosomal section.)  
*d* chromosomale Umkehrung *f*  
*f* inversion *f* chromosomique  
*p* inversão *f* cromossômica
- \* **chromosomal separation process** → 2005
- 1319 chromosome**  
 (Cyt.)  
 (The genes-bearing threadlike structure contained in the nucleus of a cell; a double DNA filament coiled into a helix with protein association.)  
*d* Chromosom *n*  
*f* chromosome *m*  
*p* cromossomo *m*
- 1320 chromosome filament**  
 (Cyt.)  
 (To be observed e.g. in the metaphase, the second cell division stage.)  
*d* Chromosomenstrang *m*

- f* filament *m* cromosomique  
*p* fibra *f* cromossômica
- 1321 chromosome fragment**  
 (Cyt.)  
 (Ref. to chromosomal defects.)  
*d* Chromosomenbruch *m*  
*f* fragment *m* cromosomique  
*p* fragmento *m* cromossômico
- 1322 chronic** *adj*  
 (Vit.)  
 (E.g. ref. to vitamin deficiency.)  
*d* chronisch  
*f* chronique  
*p* crônico
- 1323 chronic vitamin A hypervitaminosis**  
 (Vit.)  
 (Vitamin hypervitaminosis; causing e.g. mucosal and cutaneous changes; hair loss.)  
*d* chronische Vitamin A-Hypervitaminose *f*  
*f* hypervitaminose *f* chronique de la vitamine A  
*p* hipervitaminose *f* crônica da vitamina A
- 1324 chymotrypsin**  
 (Enz.)  
 (A pancreas enzyme; acts in the protein-digestion; splitting of proteins and polypeptides.)  
*d* Chymotrypsin *n*  
*f* chymotrypsine *f*  
*p* quimotripsina *f*
- 1325 cicuta**  
 (Phyto.)  
 ("Conium maculatum L., Umbelliferae"; medicamentous substance: cicutine. Synonym: conicine, coniine, (C<sub>8</sub>H<sub>17</sub>N); antispasmodic, sedative.)  
*d* Wasserschierling *m*; gefleckter Schierling *m*  
*f* ciguë *f*; grande ciguë *f*; ciguë *f* tachetée; ciguë *f* de socrate  
*p* cicuta-da-europa *f*
- \* **cilantro oil** → 1594
- 1326 cinnamic acid**  
 (Prod.)  
 (C<sub>9</sub>H<sub>8</sub>O<sub>2</sub>; used in pharmaceutical technology: e.g. elaboration of certain esters for medicinal purposes.)  
*d* Zimtsäure *f*  
*f* acide *m* cinnamique  
*p* ácido *m* cinâmico
- 1327 cinnamon oil**
- (Phyto.)  
 ("Cinnamomum cassia Nees; Lauraceae"; oil of cassia or Chinese cinnamon; oil of Ceylon C. has the same effect: carminative (flatulence relieving).)  
*d* Zimtöl *n*  
*f* huile *f* de cannelle  
*p* óleo *m* de canela
- 1328 circulating form of a vitamin in the organism**  
 (Vit.)  
 (Vitamin physiology; vitamin transport in the organism.)  
*d* zirkulierende Form *f* eines Vitamins im Organismus; im Organismus kreisende Form *f* eines Vitamins  
*f* forme *f* circulante d'une vitamine dans l'organisme  
*p* forma *f* circulante de uma vitamina no organismo
- 1329 circumvent v liver passage; avoid v liver passage**  
 (Pharm.)  
 (Ref. to the passage of drugs within the organism, e.g. into the liver for metabolization, or avoiding this passage for not having to undergo the metabolization process.)  
*d* den Weg durch die Leber umgehen; den Durchgang durch die Leber vermeiden  
*f* contourner le voie à travers du foie; éviter le voie vers le foie  
*p* contornar a passagem pelo figado; evitar a passagem pelo figado
- \* **cis-butenedioic acid** → 3919
- 1330 citrate-synthetase**  
 (Enz.)  
 (Synthetase: an enzyme; ref. to biochemical reactions related to the Krebs-cycle; oxidation reactions for energy production and -storage in phosphate bonds, e.g. in ATP (adenosine triphosphate).)  
*d* Citratsynthetase *f*  
*f* citrate-synthétase *f*  
*p* sintetase *f* do citrato
- 1331 citric acid**  
 (Vit.)  
 (C<sub>6</sub>H<sub>8</sub>O<sub>7</sub>; auxiliary, ref. to vitamin biochemistry, in some cases having synergistic activity; also: a chelating agent.)  
*d* Zitronensäure *f*  
*f* acide *m* citrique  
*p* ácido *m* cítrico

- 1332 citric acid as a biotechnological product**  
(Prod.)  
(Biotechnology: products of applied biological science:  $C_6H_8O_7$ ; from cultures of *Aspergillus niger*, fungi.)
- d* Zitronensäure *f* als biotechnologisches Produkt
- f* acide *m* citrique comme un produit de la biotechnologie
- p* ácido *m* cítrico como um produto da biotécnologia
- \* **citric acid cycle** → 3729
- 1333 citric acid-phosphate buffer solution**  
(Prod.)  
(Pharmaceutical technology; solution whose pH does not change by dilution or by addition of acids or alkalis; acid-base balance; see entry: buffer solution.)
- d* Zitronensäure-Phosphat-Pufferlösung *f*
- f* solution *f* tampon d'acide citrique et de phosphate
- p* solução *f* tampão de ácido cítrico e fosfato
- \* **clamminess** → 3232
- 1334 clarification of the solution**  
(Prod.)  
(Pharmaceutical processes; e.g. by filtering processes.)
- d* Klärung *f* der Lösung
- f* clarification *f* de la solution
- p* clarificação *f* da solução
- 1335 clarify v a suspension**  
(Prod.)  
(Fine chemical technology; e.g. by filtration – not by decantation.)
- d* eine Suspension klären
- f* clarifier une suspension
- p* clarificar uma suspensão
- \* **clarify v by filtering** → 1336
- 1336 clarify v by filtration; clarify v by filtering**  
(Prod.)  
(Pharmaceutical processes; ref. to clarification processes.)
- d* durch Filtrierung klären; durch Filtration klären
- f* clarifier par filtration; clarifier par filtrage
- p* clarificar por filtração
- 1337 clarify v water by decantation**  
(Phyto.)  
(Ref. to water treatment.)
- d* Wasser durch Ausfällen klären
- f* clarifier l'eau par décantation
- p* clarificar a água por decantação
- \* **clarity of a solution** → 1343
- 1338 class**  
(Enz.)  
(Biotechnology; flora/fauna: Classification of living organisms; taxonomy.)
- d* Klasse *f*
- f* classe *f*
- p* classe *f*
- 1339 classical dragées elaboration**  
(Prod.)  
(Pharmaceutical processes: using surface impregnation with inert enveloping material, e.g. products based on sugar or chocolate.)
- d* klassische Drageen-Herstellung *f*; klassisches Dragierungsverfahren *n*
- f* dragéification *f* classique
- p* drageificação *f* clássica
- 1340 classification by residues**  
(Prod.)  
(Pharmaceutical processes; ref. to production and characteristics of pharmaceutical powders: screening processes.)
- d* Rückstandsklassifizierung *f*
- f* classement *m* par refus
- p* classificação *f* pelos resíduos
- 1341 clavacin**  
(Ant.)  
(Patulin;  $C_7H_6O_4$ ; antibiotic from fungi metabolism, e.g. "*Aspergillus clavatus*; *Penicillium patulum*" etc.)
- d* Clavacin *n*
- f* clavicine *f*
- p* clavicina *f*
- 1342 clear injection solution; clear solution**  
(Prod.)  
(Pharmaceutical technology; product characteristic.)
- d* klare Injektions-Lösung *f*; klare Lösung *f*
- f* solution *f* limpide destinée à injection; solution *f* limpide
- p* solução *f* límpida destinada à injeção; solução *f* límpida
- 1343 clearness of a solution; clarity of a solution; transparency of a solution**  
(Prod.)  
(Pharmaceutical technology; substance characteristic in solution.)
- d* Klarheit *f* einer Lösung; Durchsichtigkeit *f* einer Lösung; Transparenz *f* einer Lösung

- f* transparence *f* d'une solution  
*p* transparência *f* de uma solução
- \* **clear solution** → 1342
- 1344 cleavage; capability of being split**  
 (Mol.)  
 (Pharmaceutical chemistry; a crystal's characteristic to split along definite planes; in this specific case used also in chemistry; e.g. ref. to molecules.)  
*d* Spaltung *f*; Spaltbarkeit *f*  
*f* clivage *m*; tendance *f* à la rupture par clivage  
*p* clivagem *f*; tendência *f* à ruptura por clivagem
- 1345 cleavage of a hormone**  
 (Horm.)  
 (Biochemical splitting resulting e.g. in two new products, hormones.)  
*d* Spaltung *f* eines Hormones  
*f* clivage *m* d'une hormone  
*p* clivagem *f* de um hormônio
- 1346 cleavage of a molecule**  
 (Mol.)  
 (Splitting a larger molecule into a simpler one.)  
*d* Spaltung *f* eines Moleküls  
*f* clivage *m* d'une molécule  
*p* clivagem *f* de uma molécula
- 1347 cleavage of the ovum; segmentation of the egg cell**  
 (Cyt.)  
 (Ref. to blastocyst formation, a stage of embryonic development before embryo formation.)  
*d* Segmentierung *f* der Eizelle  
*f* segmentation *f* ovulaire  
*p* segmentação *f* do óvulo
- 1348 cleave v; split v off**  
 (Enz.)  
 (E.g. a protein cleaved by an enzyme; enzymes split off phosphate; cleave molecules by chemical reactions.)  
*d* abspalten  
*f* détacher par fendage  
*p* partir
- 1349 clinical control**  
 (Prod.)  
 (Pharmaceutical technology; control tests which determine the medicinal value of the medicament.)  
*d* klinische Kontrolle *f*  
*f* contrôle *m* clinique
- p* controle *m* clínico
- 1350 clinical counterreaction**  
 (Pharm.)  
 (Ref. to side effects of medicamentous substances in the organism.)  
*d* klinische Gegenreaktion *f*  
*f* réaction *f* adverse clinique  
*p* reação *f* clínica adversa
- 1351 clinical evaluation of vitamin nutrition**  
 (Vit.)  
 (E.g. by excretion of corresponding metabolites.)  
*d* klinische Bewertung *f* der Vitamin-Ernährung  
*f* évaluation *f* clinique de la nutrition vitaminique  
*p* avaliação *f* clínica da nutrição vitamínica
- \* **clinical picture consisting of a complex of symptoms** → 6148
- 1352 clone**  
 (Enz.)  
 (Biotechnology; asexually produced individuals, replicas of macromolecules, replicas of DNA, also: of bacteria in biotechnological processes.)  
*d* Clonus *m*  
*f* clone *m*  
*p* clone *m*
- 1353 cloning of a bacterium**  
 (Enz.)  
 (Biotechnology; replicas of bacteria in biotechnological processes.)  
*d* Clonierung *f* einer Bakterie  
*f* clonage *m* d'une bactérie  
*p* clonagem *f* de uma bactéria
- \* **close of fermentation** → 1516
- \* **clotting** → 3885
- 1354 cloud point**  
 (Prod.)  
 (Pharmaceutical technology; ref. to solutions.)  
*d* Trübungspunkt *m*  
*f* point *m* de trouble  
*p* ponto *m* de turvação
- 1355 cloud point depression**  
 (Prod.)  
 (Pharmaceutical technology; ref. to solutions.)  
*d* Abfall *m* des Trübungspunktes  
*f* abaissement *m* du point de trouble  
*p* diminuição *f* do ponto de turvação

- 1356 clove**  
(Phyto.)  
("Caryophyllus aromaticos L.; Myrtaceae";  
dried flower buds source of clove oil; used as  
appetite stimulant.)  
*d* Gewürznelke *f*  
*f* clou *m* de girofle  
*p* cravo-da-índia
- 1357 coacervation**  
(Prod.)  
(Pharmaceutical chemistry; separation of  
lyophile colloids.)  
*d* Koazervation *f*; Koazervierung *f*  
*f* coacervation *f*  
*p* coacervação *f*
- 1358 coagglutination**  
(Prod.)  
(Pharmaceutical chemistry; agglutination  
(clumping) of various substances.)  
*d* Koagglutination *f*; Mitverklebung *f*;  
Zusammenverklumpung *f*  
*f* coagglutination *f*  
*p* coaglutinação *f*
- 1359 coagulability**  
(Enz.)  
(Enzymology; product characteristic.)  
*d* Gerinnbarkeit *f*  
*f* coagulabilité *f*  
*p* coagulabilidade *f*
- 1360 coagulability by heat**  
(Enz.)  
(Enzymology; product characteristic.)  
*d* Gerinnbarkeit *f* durch Hitze  
*f* coagulabilité *f* par la chaleur  
*p* coagulabilidade *f* pelo calor
- 1361 coagulable** *adj*  
(Prod.)  
(Pharmaceutical chemistry; ref. to coagulum,  
see this entry.)  
*d* koagulierbar  
*f* coagulable  
*p* coagulável
- 1362 coagulant**  
(Prod.)  
(Pharmaceutical chemistry; coagulation  
promoting additive.)  
*d* Koagulans *n*; Koagulierungsmittel *n*  
*f* coagulant *m*  
*p* coagulante *m*
- 1363 coagulase**  
(Enz.)  
(Coagulation causing enzyme.)  
*d* Koagulase *f*  
*f* coagulase *f*  
*p* coagulase *f*
- 1364 coagulation**  
(Prod.)  
(Pharmaceutical chemistry; ref. to the  
transition of colloidal substances from the  
sol-phase into the gel-phase.)  
*d* Koagulation *f*  
*f* coagulation *f*  
*p* coagulação *f*
- 1365 coagulation accelerator**  
(Prod.)  
(Pharmaceutical chemistry; see entry:  
coagulation.)  
*d* Koagulationsbeschleuniger *m*  
*f* accélérateur *m* de la coagulation  
*p* acelerador *m* da coagulação
- 1366 coagulation enzyme**  
(Enz.)  
(Thrombin, coagulation factor, converts  
(soluble) fibrinogen into (insoluble) fibrin:  
blood coagulation process.)  
*d* Gerinnungsenzym *n*  
*f* enzyme *f* coagulante  
*p* enzima *f* de coagulação
- 1367 coagulation inhibitor**  
(Prod.)  
(Pharmaceutical chemistry; see entry:  
coagulation.)  
*d* Koagulationshemmer *m*  
*f* inhibiteur *m* de la coagulation  
*p* inibidor *m* da coagulação
- 1368 coagulation vitamin**  
(Vit.)  
(Vitamin K; the "K" derives from the German  
word "Koagulation". Treatment of  
hypoprothrombinaemia: deficiency of blood  
clotting factor prothrombin; antidote for  
warfarin poisoning.)  
*d* Koagulationsvitamin *n*  
*f* vitamine *f* de la coagulation  
*p* vitamina *f* da coagulação
- 1369 coagulum**  
(Enz.)  
(Pharmaceutical chemistry; coagulated mass  
of proteic substance.)  
*d* Koagulum *n*  
*f* coagulum *m*  
*p* coágulo *m*

- 1370 coal chemistry**  
(Prod.)  
(Pharmaceutical chemistry; organic chemistry; chemistry of carbon compounds.)  
*d* Kohlechemie *f*  
*f* chimie *f* houillère  
*p* química *f* do carvão
- 1371 coalescence**  
(Prod.)  
(Pharmaceutical chemistry; phenomenon of the growth of a droplet by incorporation into the mass of other droplets with which it enters into contact.)  
*d* Verschmelzung *f*; Zusammenschmelzung *f*  
*f* coalescence *f*  
*p* coalescência *f*
- 1372 coalescence of droplets of a liquid**  
(Prod.)  
(Pharmaceutical chemistry; phenomenon of the growth of a droplet by incorporation into the mass of other droplets with which it enters into contact.)  
*d* Verschmelzung *f* von Tröpfchen einer Flüssigkeit; Zusammenschmelzung *f* von Tröpfchen einer Flüssigkeit  
*f* coalescence *f* de gouttelettes d'un liquide  
*p* coalescência *f* de gotinhas de um líquido
- 1373 coal sequence chemistry**  
(Prod.)  
(Pharmaceutical technology; part of chemistry encompassing the procedures of transformation of coal and of its derivatives.)  
*d* Kohlefolgechemie *f*  
*f* carbochimie *f*; chimie *f* de transformation de la houille et de ses dérivés  
*p* química *f* de seqüência do carvão
- \* **coarse** → 1376
- 1374 coarse crystalline form**  
(Prod.)  
(Pharmaceutical technology; e.g. ref. to the characteristic of prime material.)  
*d* grobkristalline Form *f*  
*f* forme *f* grosse cristalline  
*p* forma *f* grossa cristalina
- 1375 coarse-fibred** *adj*  
(Prod.)  
(Pharmaceutical chemistry; substance characteristic.)  
*d* grobfaserig  
*f* à grosses fibres  
*p* de fibras grossas
- \* **coarse fraction** → 1377
- 1376 coarse-grained; coarse** *adj*  
(Vit.)  
(Pharmaceutical chemistry; defining large particles: vitamin powders, vitamin mixtures.)  
*d* grobkörnig; grob  
*f* à gros grains; gros  
*p* de grãos grossos; de granulação grossa; grosso
- 1377 coarse-grained fraction; coarse fraction**  
(Prod.)  
(Pharmaceutical technology; e.g. physical structure of auxiliaries.)  
*d* grobkörnige Fraktion *f*; grobe Fraktion *f*  
*f* fraction *f* à gros grains; fraction *f* grosse  
*p* fração *f* de granulação grossa; fração *f* grossa
- 1378 coarse screening; coarse sieving**  
(Prod.)  
(Pharmaceutical processes.)  
*d* Grobsieben *n*  
*f* tamisage *m* à grosses mailles  
*p* peneiração *f* grossa; peneiramento *m* grosso
- \* **coarse sieving** → 1378
- 1379 coarse substance particles**  
(Prod.)  
(Pharmaceutical chemistry; product characteristic.)  
*d* grobe Substanzteilchen *npl*  
*f* particules *fpl* grosses des substances  
*p* partículas *fpl* grossas das substâncias
- 1380 coated dry powder**  
(Vit.)  
(Pharmaceutical technology; vitamin powder aspect.)  
*d* umhülltes Trockenpulver *n*  
*f* poudre *f* sèche enrobée  
*p* pó *m* seco revestido
- 1381 coated tablets**  
(Prod.)  
(Pharmaceutical technology; ref. to tableting process; a pharmaceutical form.)  
*d* überzogene Tabletten *fpl*  
*f* comprimés *mpl* enrobés  
*p* comprimidos *mpl* cobertos
- 1382 coated tablet with prolonged daily release**  
(Prod.)  
(Pharmaceutical technology; a pharmaceutical presentation form.)  
*d* umhüllte Tablette *f* verzögerter täglicher Freisetzung

- f* comprimé *m* enrobé à libération journalière prolongée  
*p* comprimido *m* revestido de liberação prolongada ao dia
- 1383 coated vitamin tablets**  
 (Vit.)  
 (Vitamin technology; coating increases vitamin stability within the tablet.)  
*d* überzogene Vitamintabletten *fpl*  
*f* comprimés *mpl* vitamínicos enrobés  
*p* comprimidos *mpl* vitamínicos cobertos
- 1384 coating agent**  
 (Vit.)  
 (Vitamin technology; auxiliary in the elaboration of vitamin tablets; in vitamin tableting processes.)  
*d* Tablettenüberzugsprodukt *n*; Filmbildner *m*  
*f* produit *m* d'enrobage  
*p* formador *m* de revestimento
- 1385 coating granulate**  
 (Prod.)  
 (Pharmaceutical chemistry; ref. to tableting, tablet coating characteristic.)  
*d* Überzugsgranulat *n*  
*f* granulé *m* de l'enrobage  
*p* granulado *m* do revestimento
- 1386 coating suspension**  
 (Vit.)  
 (Auxiliary in elaboration of vitamin preparations; vitamin tableting process.)  
*d* Überzugsuspension *f*  
*f* suspensão *f* d'enrobage  
*p* suspensão *f* de revestimento
- 1387 cobalamin**  
 (Vit.)  
 (Vitamin physiology; vitamin B<sub>12</sub> and coenzyme: the active part of an enzyme when combined with an apoenzyme; cobalamin: coenzyme for fatty acid/amino acid metabolism.)  
*d* Cobalamin *n*  
*f* cobalmanine *f*  
*p* cobalamina *f*
- 1388 cobalamin reduction**  
 (Vit.)  
 (Vitamin B<sub>12</sub>-activity in vitamin physiology: treatment/prophylaxis of pernicious anemia.)  
*d* Cobalamin-Reduktion *f*  
*f* réduction *f* de la cobalamine  
*p* redução *f* da cobalamina
- 1389 cobalt**  
 (Enz.)  
 (Co. Contained in the structure of vitamin B<sub>12</sub>; microelement in vitamin formulations.)  
*d* Kobalt *n*  
*f* cobalt *m*  
*p* cobalto *m*
- 1390 cocaine**  
 (Phyto.)  
 (C<sub>17</sub>H<sub>21</sub>NO<sub>4</sub>; obtained from the leaves of species of "Erythroxyton, Erythroxyllaceae" and by chemical synthesis; use: e.g. in ointments as a topical anesthetic.)  
*d* Kokain *n*  
*f* cocaína *f*  
*p* cocaína *f*
- 1391 cocaine hydrochloride**  
 (Phyto.)  
 (C<sub>17</sub>H<sub>21</sub>NO<sub>4</sub>.HCL; see entry: cocaine.)  
*d* Kokainhydrochlorid *n*  
*f* hydrochlorure *m* de cocaïne  
*p* hidrocloreto *m* de cocaína
- 1392 cocaine nitrate**  
 (Phyto.)  
 (C<sub>17</sub>H<sub>21</sub>NO<sub>4</sub>.HNO<sub>3</sub>.2H<sub>2</sub>O; see entries: cocaine and cocaine hydrochloride.)  
*d* Kokainnitrat *n*  
*f* nitrate *m* de cocaïne  
*p* nitrato *m* de cocaína
- 1393 cocaine sulphate**  
 (Phyto.)  
 (C<sub>17</sub>H<sub>21</sub>NO<sub>4</sub>.H<sub>2</sub>SO<sub>4</sub>; a powder; see entries: cocaine and: cocaine hydrochloride.)  
*d* Kokainsulfat *n*  
*f* sulfate *m* de cocaïne  
*p* sulfato *m* de cocaína
- 1394 cocarboxylase**  
 (Enz.)  
 (C<sub>12</sub>H<sub>19</sub>ClN<sub>4</sub>O<sub>7</sub>P<sub>2</sub>S.H<sub>2</sub>O. Thiamine pyrophosphate chloride – a coenzyme form of vitamin B<sub>1</sub>; important for decarboxylation processes: decomposition of glucides and their transformation in lipids.)  
*d* Cocarboxylase *f*  
*f* cocarboxylase *f*  
*p* cocarboxilase *f*
- 1395 cocarboxylation reactions**  
 (Enz.)  
 (Ref. to the enzyme "cocarboxylase", see entry.)  
*d* Reaktionen *fpl* der Cocarboxilierung  
*f* réactions *fpl* de la cocarboxylation  
*p* reações *fpl* da cocarboxilação

- \* **cocoa butter** → 1003
- \* **cocoa butter as active-agent carrier** → 1004
- \* **codecarboxylase** → 5165
- 1396 codecarboxylase**  
(Vit.)  
(Also: pyridoxal phosphate; C<sub>8</sub>H<sub>10</sub>NO<sub>6</sub>P; of the vitamin B<sub>6</sub> group: coenzyme.)  
*d* Codecarboxylase *f*  
*f* codecarboxylase *f*  
*p* codecarboxilase *f*
- 1397 codeine; methylmorphine**  
(Prod.)  
(C<sub>18</sub>H<sub>21</sub>NO<sub>3</sub>; medicamentous substance; an opiate; use: analgesic, antitussive (see entries).)  
*d* Kodein *n*; Methylmorphin *n*  
*f* codéine *f*; méthylmorphine *f*  
*p* codeína *f*; metilmorfina *f*
- 1398 codon**  
(Cyt.)  
(Within a nucleic acid the triplet of nucleotides, mentioned by its initials of the names of the three respective bases, where the sequential order constitutes the information for specific cellular synthesis of the aminoacids.)  
*d* Codon *m*  
*f* codon *m*  
*p* codon *m*
- \* **coefficient of correlation** → 1600
- 1399 coefficient of cubical expansion**  
(Prod.)  
(Pharmaceutical processes; a thermal expansion coefficient; see also entry: coefficient of linear expansion.)  
*d* kubischer Ausdehnungskoeffizient *m*  
*f* coefficient *m* d'expansion cubique  
*p* coeficiente *m* de expansão cúbico
- 1400 coefficient of linear expansion**  
(Prod.)  
(Pharmaceutical processes; a thermal expansion coefficient; see also entry: coefficient of cubical expansion.)  
*d* linearer Ausdehnungskoeffizient *m*; Längenausdehnungskoeffizient *m*  
*f* coefficient *m* d'expansion linéaire  
*p* coeficiente *m* de expansão linear
- 1401 coenzymatic action in the organism**  
(Enz.)  
(Enzymology; ref. to the interference of vitamins.)  
*d* Wirkung *f* der Coenzyme im Organismus  
*f* action *f* des coenzymes dans l'organisme  
*p* ação *f* das coenzimas no organismo
- \* **coenzymatic activity** → 1409
- 1402 coenzymatic deficiencies**  
(Enz.)  
(Vitamin biochemistry/physiology.)  
*d* coenzymatische Mangelerscheinungen *fpl*  
*f* déficiences *fpl* coenzymatiques  
*p* deficiências *fpl* coenzimáticas
- 1403 coenzymatic deficiencies by interferences**  
(Enz.)  
(Enzymology; e.g. ref. to alcoholism or the intake of antibiotics.)  
*d* coenzymatische Mangelzustände *mpl* durch Interferenzen  
*f* déficiences *fpl* coenzymatiques par des interférences  
*p* deficiências *fpl* coenzimáticas por interferências
- 1404 coenzymatic participation**  
(Enz.)  
(Enzymology; ref. to enzyme activity in the organism.)  
*d* koenzymatische Mitwirkung *f*  
*f* participation *f* coenzymatique  
*p* participação *f* coenzimática
- 1405 coenzymatic potential**  
(Enz.)  
(Enzymology.)  
*d* coenzymatisches Potential *n*  
*f* potentiel *m* coenzymatique  
*p* potencial *m* coenzimático
- 1406 coenzymatic potential of pyridoxal**  
(Vit.)  
(Vitamin physiology ref. to pyridoxal (vitamin B<sub>6</sub>)-activity.)  
*d* coenzymatisches Potential *n* des Pyridoxals  
*f* potentiel *m* coenzymatique du pyridoxal; potentiel *m* coenzymatique pyridoxalique  
*p* potencial *m* coenzimático do piridoxal; potencial *m* coenzimático piridoxálico
- 1407 coenzyme**  
(Enz.)  
(Enzymology: Activating enzyme-part bound to an inactive apoenzyme.)  
*d* Coenzym *n*; Koenzym *n*  
*f* coenzyme *f*  
*p* coenzima *f*



- 1408 coenzyme A**  
(Enz.)  
(Active together with pantothenic acid (vitamin B) e.g. in the Krebs-cycle)
- d* Coenzym *n* A  
*f* coenzyme *f* A  
*p* coenzima *f*
- (Vitamin biochemistry; ref. to the biochemical structures of niacinamide = nicotinamide = nicotinic acid amide =  $C_6H_6N_2O$  = vitamin PP.)
- d* Coenzym *n* von Dehydrogenasen  
*f* coenzyme *f* de déshydrogénases  
*p* coenzima *f* de deshidrogenases
- 1409 coenzyme activity; coenzymatic activity**  
(Enz.)  
(Ref. to enzyme biochemistry; this biochemical activity is promoted by vitamin action.)
- d* Coenzymaktivität *f*; Coenzym-Tätigkeit *f*  
*f* activité *f* de la coenzyme; activité *f* coenzymatique  
*p* atividade *f* da coenzima; atividade *f* coenzimática
- 1410 coenzyme as activation factor**  
(Enz.)  
(Enzymology; ref. to chemical reactions in physiology.)
- d* Coenzym *n* als Beschleunigungsfaktor; (Aktivierungsfaktor *m*)  
*f* coenzyme *f* comme facteur d'activation  
*p* coenzima *f* como fator de ativação
- 1411 coenzyme as a specific transporter**  
(Enz.)  
(Ref. to coenzyme activity, e.g. electron/proton exchange promotion; therefore the same coenzyme may be cofactor of many enzymes.)
- d* Coenzym *n* als spezifischer Transporter  
*f* coenzyme *f* comme transporteur spécifique  
*p* coenzima *f* como transportador específico
- 1412 coenzyme forms of vitamin B<sub>12</sub>**  
(Vit.)  
(Vitamin biochemistry e.g. of cobalamin: adenosylcobalamin, methylcobalamin, in bacteria and animals.)
- d* Coenzym-Formen *fpl* von Vitamin B<sub>12</sub>  
*f* formes *fpl* coenzymiques de la vitamine B<sub>12</sub>  
*p* formas *fpl* coenzimicas da vitamina B<sub>12</sub>
- 1413 coenzyme in its original form**  
(Enz.)  
(Ref. to coenzyme activity, its reversible modification capacity and following regeneration into its original form.)
- d* Coenzym *n* in seiner ursprünglichen Form  
*f* coenzyme *f* sous sa forme originelle  
*p* coenzima *f* em sua forma original
- 1414 coenzyme of dehydrogenases**  
(Vit.)
- 1415 coevaporate**  
(Prod.)  
(Pharmaceutical technology; solution type; dispersion type.)
- d* Produkt *n* der Zusammenverdunstung  
*f* produit *m* de la coévaporation  
*p* produto *m* da coevaporação
- 1416 coevaporation**  
(Prod.)  
(Pharmaceutical technology, ref. to pharmaceutical processes.)
- d* Zusammenverdunstung *f*  
*f* coévaporation *f*  
*p* coevaporação *f*
- 1417 coevaporation of a suspension**  
(Prod.)  
(Pharmaceutical technology, ref. to pharmaceutical processes.)
- d* Zusammenverdunstung *f* einer Suspension  
*f* coévaporation *f* d'une suspension  
*p* coevaporação *f* de uma suspensão
- 1418 coevaporation of a suspension in a solution of the active ingredient**  
(Prod.)  
(Pharmaceutical technology, ref. to pharmaceutical processes.)
- d* Zusammenverdunstung *f* einer Suspension in einer Wirkstofflösung  
*f* coévaporation *f* d'une suspension dans une solution de principe actif  
*p* coevaporação *f* de uma suspensão junto à solução da substância ativa
- 1419 coevaporation techniques**  
(Prod.)  
(Pharmaceutical processes.)
- d* technische Methoden *fpl* der Zusammenverdunstung  
*f* techniques *fpl* de la coévaporation  
*p* técnicas *fpl* das coevaporação
- 1420 cofactor combined with the apoenzyme**  
(Enz.)  
(Apoenzyme is the form inactive; the addition of a cofactor to the enzymatic molecule turns it active; enzyme having apoenzyme and cofactor is called a (catalytically active) holoenzyme.)

- d* Cofaktor *m* verbunden mit dem Apoenzym  
*f* cofacteur *m* lié au apoenzyme  
*p* cofator *m* ligado ao apoenzima
- 1421 cofactor of enzymatic systems**  
 (Vit.)  
 (Vitamin biochemistry; ref. e.g. to riboflavin (vitamin B<sub>2</sub>) in hydrogen transport systems in physiology.)  
*d* Cofaktor *m* enzymatischer Systeme  
*f* cofacteur *m* de systèmes enzymatiques  
*p* cofator *m* de sistemas enzimáticas
- 1422 cofactor of enzymes**  
 (Enz.)  
 (Property of some vitamins.)  
*d* Enzym-Cofaktor *m*  
*f* cofacteur *m* des enzymes  
*p* co-fator *m* das enzimas
- 1423 cohesion as property resulting from the attraction forces between molecules**  
 (Mol.)  
 (Film-forming process; explaining cohesion of powder granules in tableting.)  
*d* Kohäsion *f* als durch die Kraft der Anziehung bewirkter innerer Zusammenhalt der Moleküle  
*f* cohésion *f* comme propriété résultant de l'action des forces attractives entre molécules  
*p* coesão *f* como propriedade resultante da ação das forças atrativas entre as moléculas
- \* **cohesion force of powder granules** → 1425
- 1424 cohesion of atoms in molecules or crystals**  
 (Mol.)  
 (Definition of a chemical bond.)  
*d* Zusammenhalt *m* von Atomen in Molekülen oder Kristallen  
*f* cohésion *f* des atomes dans des molécules ou des cristaux  
*p* coesão *f* dos átomos em moléculas ou cristais
- 1425 cohesion power of powder granules; cohesion force of powder granules**  
 (Prod.)  
 (Pharmaceutical technology; film-forming process; explaining compression.)  
*d* Kohäsionskraft *f* des Pulvergranulates  
*f* force *f* de cohésion des granules des poudres; pouvoir *m* de cohésion des granules des poudres  
*p* força *f* de coesão dos grânulos dos pós; poder *m* de coesão dos grânulos dos pós
- 1426 cohobation**  
 (Prod.)  
 (Pharmaceutical technology; distillation method; repeated distillation of the same liquid.)  
*d* Mehrfachdestillation *f* der selben Flüssigkeit  
*f* cohobation *f*  
*p* coobação *f*
- 1427 colchicine**  
 (Phyto.)  
 (C<sub>22</sub>H<sub>25</sub>NO<sub>6</sub>; from "meadow saffron", see this entry; medicamentous substance for gout treatment.)  
*d* Kolchizin *n*; Colchizin *n*  
*f* colchicine *f*  
*p* colchicina *f*; colquicina *f*
- 1428 cold infusion**  
 (Phyto.)  
 (Pharmaceutical processes, e.g. ref. to treatment of drugs of vegetable origin: maceration process.)  
*d* Kaltwasseraufguß *m*  
*f* infusion *f* à froid  
*p* infusão *f* a frio
- 1429 cold oil**  
 (Prod.)  
 (Product characteristic; auxiliary in pharmaceutical processes.)  
*d* kaltes Öl *n*  
*f* huile *f* froide  
*p* óleo *m* frio
- 1430 cold-water dispersible** *adj*  
 (Prod.)  
 (Pharmaceutical technology; product characteristics of a pharmaceutical form: tablets etc.)  
*d* kaltwasser-dispergierbar; dispergierbar in kaltem Wasser  
*f* dispersible dans l'eau froide  
*p* dispersível em água fria
- 1431 cold-water dispersible dry powder**  
 (Vit.)  
 (Vitamin technology: vitamin E.)  
*d* Trockenpulver *n*, dispergierbar in kaltem Wasser  
*f* poudre *f* sèche, dispersible dans l'eau froide  
*p* pó *m* seco, dispersível em água fria
- 1432 cold water dispersible dry vitamin powder**  
 (Vit.)  
 (Vitamin technology; used in pharmaceutical vitamin preparations.)  
*d* Vitamin-Trockenpulver *n* dispergierbar in kaltem Wasser

- f* poudre *f* sèche vitaminique dispersible dans l'eau froide  
*p* pó *m* vitamínico seco dispersível em água fria
- 1433 collagen**  
 (Anat.)  
 (Fibrous protein within the connective skin tissue, bones etc. Approx. 1/3 of the body protein of mammals.)  
*d* Kollagen *n*  
*f* collagène *m*  
*p* colágeno *m*; colagênio *m*
- 1434 collagen for application in medicine**  
 (Prod.)  
 (Biotechnology: product of applied biological science.)  
*d* Kollagen *n* für den Gebrauch in der Medizin  
*f* collagène *m* pour l'emploi dans la médecine  
*p* colágeno *m* para uso na medicina
- 1435 collagen structure**  
 (Anat.)  
 (Ref. to a fibrous connective tissue.)  
*d* Kollagenstruktur *f*  
*f* structure *f* collagénique  
*p* estrutura *f* do colágeno; estrutura *f* do colagênio
- 1436 colloidal dissolution in glycerin**  
 (Prod.)  
 (See entry: glyceric form of starch; colloidal dissolution of starch in glycerin, for dermatological use.)  
*d* kolloidale Löslichkeit *f* in dem Glycerin  
*f* dissolution *f* colloïdale dans la glycérine  
*p* dissolução *f* coloidal na glicerina
- 1437 colloidal inert molecule**  
 (Mol.)  
 (E.g. PVP, auxiliary in retard drugs for delayed liberation of the active principle.)  
*d* kolloidales inertes Molekül *n*  
*f* molécule *f* colloïdale inerte  
*p* molécula *f* coloidal inerte
- 1438 colloidal size of solid particles > 200 nm**  
 (Mol.)  
 (See also entry: suspension (the sign: > means larger than, the sign: < means smaller than).)  
*d* kolloidale Größe *f* von Feststoffteilchen > 200 nm  
*f* taille *f* colloïdale de particules solides > 200 nm  
*p* tamanho *m* coloidal de partículas sólidas > 200 nm
- 1439 colloidal structure of the cytoplasm**  
 (Cyt.)  
 (Ref. to cytoplasm characteristics: medium of this dispersion system is water; the dispersed substance are macromolecules, called micelles.)  
*d* kolloidale Zytoplasmastruktur *f*  
*f* structure *f* colloïdale du cytoplasme  
*p* estrutura *f* coloidal do citoplasma
- 1440 colloid-osmotic pressure of a liquid**  
 (Med.)  
 (Ref. to blood plasma characteristics and to blood plasma substitute; blood plasma expander (see this entry).)  
*d* kolloidosmotischer Druck *m* einer Flüssigkeit  
*f* pression *f* colloïde-osmotique dans un liquide  
*p* pressão *f* coloidal-osmótica dentro de um líquido
- 1441 colloids**  
 (Prod.)  
 (Pharmaceutical technology; as to Thomas Graham (1861) substances not diffusing through a membrane; also: dispersions with particle size of the dispersed phase of less than 200 nm.)  
*d* Kolloide *npl*  
*f* colloïdes *mpl*  
*p* colóides *mpl*
- 1442 colorimetric thiamin[e] evaluation**  
 (Vit.)  
 (Thiamine (vitamin B<sub>1</sub>) determination method.)  
*d* kolorimetrische Festsetzung *f* von Thiamin  
*f* évaluation *f* colorimétrique de la thiamine  
*p* avaliação *f* colorimétrica de tiamina
- \* **colo[u]r fastness → 1445**
- 1443 colo[u]ring of soft gelatin[e] capsules**  
 (Prod.)  
 (Pharmaceutical technology.)  
*d* Einfärben *n* von Gelatineweichkapseln  
*f* coloration *f* de capsules molles de gélatine  
*p* coloração *f* de cápsulas moles de gelatina
- 1444 colo[u]r reactions in identification processes**  
 (Prod.)  
 (Pharmaceutical technology; ref. to product identification processes.)  
*d* Farbreaktionen *fpl* in Nachweisverfahren  
*f* réactions *fpl* colorées dans des processus d'identification  
*p* reações *fpl* de cores nos processos de identificação

- 1445 colo[u]r stability; colo[u]r fastness**  
(Prod.)  
(Ref. to colouring agent characteristic in pharmaceutical chemistry/production; also to white vitamin material, which can eventually change colour under certain circumstances.)  
*d* Farbstabilität *f*; Farbfestigkeit *f*  
*f* stabilité *f* de la couleur; solidité *f* de teinture  
*p* solidez *f* das cores
- 1446 colo[u]r stability in pharmaceutical preparations**  
(Prod.)  
(Pharmaceutical chemistry.)  
*d* Farbfestigkeit *f* in pharmazeutischen Präparaten; Farbstabilität *f* in pharmazeutischen Präparaten  
*f* stabilité *f* des couleurs dans des préparations pharmaceutiques  
*p* estabilidade *f* das cores em preparados farmacêuticos
- 1447 coltsfoot leaves tea**  
(Phyto.)  
(Herbal tea of coughwort leaves; "Tussilago farfara", "Tussilago integerrima"; pectoral tea, with expectorant effect.)  
*d* Huflattichblättereetee *m*  
*f* tisane *f* des feuilles de tussilage; tisane *f* de feuilles de pas-d'âne  
*p* chá *m* das folhas de tussilage; chá *m* das folhas da unha-de-cavalo
- 1448 combination products**  
(Vit.)  
(Vitamin technology; combination products: e.g. vitamin and acetylsalicylic acid.)  
*d* Kombinationspräparate *npl*  
*f* produits *mpl* de combinaison  
*p* produtos *mpl* de combinação
- 1449 combinatorial treatment**  
(Pharm.)  
(Treatment with various active substances combined, to avoid a selection of resistant pathogens and to produce a more favourable therapeutic effect.)  
*d* Kombinationsbehandlung *f*  
*f* traitement *m* combinatoire  
*p* tratamento *m* combinatório
- 1450 combined narcosis**  
(Prod.)  
(Pharmaceutical technology; narcosis-compound with various active principles.)  
*d* Kombinationsnarkose *f*  
*f* narcose *f* combinée  
*p* anestesia *f* de combinação
- 1451 combined protective vaccination**  
(Med.)  
(Ref. to combined vaccine; see this entry.)  
*d* kombinierte Schutzimpfung *f*  
*f* vaccination *f* protectrice composée  
*p* vacinação *f* protetora composta
- 1452 combined vaccine**  
(Prod.)  
(Pharmaceutical technology; based on antigens of various different pathogens.)  
*d* Kombinationsimpfstoff *m*  
*f* vaccin *m* composé  
*p* vacina *f* composta
- 1453 common bile duct**  
(Anat.)  
(Resulting from the junction of the common hepatic duct and the cystic duct.)  
*d* gemeinsamer Gallengang *m*  
*f* canal *m* cholédoque  
*p* canal *m* colédoco
- 1454 common hepatic duct**  
(Anat.)  
(Bile duct, transporting bile from the liver.)  
*d* Lebergang *m*  
*f* canal *m* hépatique  
*p* canal *m* hepático comum
- \* **common mallow-leaf infusion** → 3923
- 1455 common tablet; ordinary tablet**  
(Prod.)  
(Pharmaceutical technology; tablet type used for the elaboration of dragées.)  
*d* gewöhnliche Tablette *f*  
*f* comprimé *m* ordinaire  
*p* comprimido *m* comum
- 1456 compaction of the powder; powder compaction**  
(Prod.)  
(Pharmaceutical processes: ref. to tablet-production, preliminary operations in tableting.)  
*d* Kompaktierung *f* des Pulvers  
*f* compactage *m* de la poudre  
*p* compactação *f* do pó
- 1457 compaction technique of dry granulation**  
(Vit.)  
(Vitamin technology; ref. to tableting: the compaction process is a dry granulation method.)  
*d* Kompaktierungstechnik *f* der Tockengranulierung

- f* technique *f* de compactage dans la granulation sèche  
*p* técnica *f* de compactação na granulação seca
- 1458 compaction with a binder**  
 (Prod.)  
 (Pharmaceutical technology; ref. to tableting, dry granulation process.)  
*d* Kompaktierung *f* mit einem Bindemittel  
*f* compactage *m* avec un liant  
*p* compactação *f* com um ligante
- 1459 comparative pharmacokinetic study**  
 (Prod.)  
 (Pharmaceutical technology, e.g. in research processes.)  
*d* pharmakokinetische Vergleichsstudie *f*  
*f* étude *f* comparative pharmacocinétique  
*p* estudo *m* comparativo farmacocinético
- 1460 comparison of disintegrants for vitamin tablets**  
 (Vit.)  
 (Vitamin technology; disintegrant auxiliary: e.g. PVP.)  
*d* Vergleich *m* von Vitamintablettensprengmitteln  
*f* comparaison *f* des désagrégants pour les comprimés vitaminiques  
*p* comparação *f* dos desintegrantes para comprimidos de vitaminas
- 1461 compatibility**  
 (Vit.)  
 (Vitamin technology; compatibility between vitamins and other ingredients, auxiliaries, trace elements etc.)  
*d* Verträglichkeit *f*  
*f* compatibilité *m*  
*p* compatibilidade *f*
- \* **compensation of difference in temperature**  
 → 6278
- \* **compensation of estrogen deficiency** → 1599
- 1462 compensation process**  
 (Vit.)  
 (Metabolic process due to vitamin deficiency.)  
*d* Ausgleichsprozess *m*  
*f* processus *m* compensatoire  
*p* processo *m* compensatório; processo *m* de compensação
- 1463 competition for fixation on the same protein site**  
 (Ant.)  
 (Ref. to eventual antibiotic misguided activity in antibiotherapy.)  
*d* Wettkampf *m* um die Festsetzung am selben Protein-Wirkungsort; Wettkampf *m* um die Bindung am selben Protein-Wirkungsort  
*f* competition *f* pour fixation sur le même siège de la protéine  
*p* competição *f* por fixação pelo mesmo local da proteína
- 1464 competition: interaction of substrates for the occupation of the same active site of an enzyme**  
 (Enz.)  
 (Ref. to the activity of analogous substrates.)  
*d* Wettbewerb *m*: Interaktion von Substraten um die Besetzung desselben aktiven Sitzes eines Enzyms  
*f* compétition *f*: interaction de substrats pour l'occupation du même siège actif d'une enzyme  
*p* competição *f*: interação de substratos pela ocupação do mesmo local ativo de uma enzima
- 1465 competitive inhibition of an enzyme**  
 (Enz.)  
 (See entry: "competition: interaction of substrates for the occupation of the same active site of an enzyme".)  
*d* konkurrierende Hemmung *f* eines Enzymes; auf Wettbewerb basierende Enzymhemmung *f*  
*f* inhibition *f* compétitive d'une enzyme  
*p* inibição *f* competitiva de uma enzima
- 1466 complementary accessorial operation**  
 (Prod.)  
 (Pharmaceutical technology; ref. to production.)  
*d* ergänzendes Zusatzverfahren *n*  
*f* opération *f* complémentaire accessoire  
*p* operação *f* complementar accessória
- 1467 complete conversion at 99% selectivity**  
 (Prod.)  
 (Ref. to pharmaceutical processes; ref. to processes of material conversion.)  
*d* vollständige Umwandlung *f* bei 99%iger Selektivität; vollständige Konversion *f* bei 99%iger Selektivität  
*f* conversion *f* complete á une sélectivité de 99%  
*p* conversão *f* completa a uma seletividade de 99%

- 1468 complete fermentation**  
(Enz.)  
(Biotechnology; e.g. in beer production, wine production etc.)  
*d* Ausgärung *f*  
*f* fermentation *f* totale  
*p* fermentação *f* total
- \* **complete synthesis of a vitamin** → 6452
- 1469 complexation constant; complex formation coefficient**  
(Prod.)  
(Pharmaceutical technology; e.g. ref. to activity characteristics between the drug and auxiliaries.)  
*d* Komplexierungs-konstante *f*;  
Komplexbildungskoeffizient *m*  
*f* constante *f* de complexation; coefficient *m* de formation de complexes  
*p* constante *f* de complexão; coeficiente *m* de formação de complexos
- 1470 complexation of drugs**  
(Prod.)  
(Pharmaceutical technology: complexation of drugs with an auxiliary to improve characteristics of the active substance.)  
*d* Komplexbildung *f* der Medikamente;  
Arzneimittelkomplexbildung *f*  
*f* formation *f* de complexes des médicaments;  
complexation *f* des remèdes  
*p* formação *f* de complexos dos medicamentos;  
formação *f* de complexos dos remédios
- 1471 complexation with toxins**  
(Prod.)  
(Pharmaceutical technology; e.g. ref. to toxins of microbial origin.)  
*d* Komplexbildung *f* mit Toxinen  
*f* formation *f* de complexes avec des toxines  
*p* formação *f* de complexos com toxinas
- \* **complex compound** → 1187
- 1472 complexed active principle**  
(Prod.)  
(Pharmaceutical technology; complexation enhanced by certain auxiliaries to improve certain characteristics, as. e.g. stability.)  
*d* komplexierter Wirkstoff *m*  
*f* principe *m* actif complexé  
*p* princípio *m* ativo complexado
- 1473 complex formation**  
(Prod.)  
(Pharmaceutical technology.)  
*d* Komplexbildung *f*
- f* formation *f* de complexes  
*p* formação *f* de complexos
- \* **complex formation coefficient** → 1469
- 1474 complex formation constant**  
(Prod.)  
(Pharmaceutical technology; ref. to substance constant, to be determined, e.g. by chromatography.)  
*d* Komplexbildungskonstante *f*  
*f* constante *f* de la formation de complexes  
*p* constante *f* de formação de complexos
- 1475 complex-forming ability**  
(Prod.)  
(Pharmaceutical technology; product characteristic.)  
*d* Komplexbildungsfähigkeit *f*  
*f* aptitude *f* à former des complexes  
*p* habilidade *f* de formar complexos
- 1476 complexing agent; chelating agent; chelator**  
(Prod.)  
(In pharmaceutical chemistry; sequestering agent; forming a chelate (see this entry).)  
*d* Komplexbildner *m*; Chelatbildner *m*  
*f* séquestrant *m*; chélateur *m*  
*p* seqüestrante *m*; formador *m* de quelatos;  
formador *m* de complexos
- 1477 complexity of enzymatic phenomena**  
(Enz.)  
(Enzymology.)  
*d* Komplexität *f* der enzymatischen Phänomene;  
Vielschichtigkeit *f* der enzymatischen Erscheinungen  
*f* complexité *f* des phénomènes enzymatiques  
*p* complexidade *f* dos fenômenos enzimáticos
- 1478 complex mitochondrial**  
(Cyt.)  
(Ref. to the mitochondrion (pl. mitochondria), the structure within the cytoplasm, where occurs the cell's energy production, and where there are the enzymes of its metabolic activities.)  
*d* mitochondrialer Komplex *m*  
*f* complexe *m* mitochondrial  
*p* complexo *m* mitocondrial
- 1479 complex of various vitamin factors**  
(Vit.)  
(Ref. to the active principles of the vitamin B-group: ex.: B<sub>1</sub>: thiamine hydrochloride; B<sub>2</sub>: riboflavin; B<sub>3</sub>: formerly name for nicotinamide/nicotinic acid; B<sub>5</sub>: formerly for

- pantothenic acid; B<sub>6</sub>: piridoxine hydrochloride; B<sub>12</sub>: cyanocobalamin; etc.)
- d* Komplex *m* verschiedener Vitaminfaktoren
- f* complexe *m* de plusieurs facteurs vitaminiques
- p* complexo *m* de vários fatores vitamínicos
- 1480 component in effervescent vitamin tablets**  
(Vit.)  
(Vitamin technology: e.g. citric acid.)
- d* Komponente *f* in Vitaminbrausetabletten; Vitaminbrausetablettenkomponente *f*
- f* composant *m* dans des comprimés effervescents vitaminiques
- p* componente *m* em comprimidos efervescentes de vitaminas
- \* **component of the vitamin principle** → 1557
- 1481 components of high molecular weight**  
(Mol.)  
(Product characteristic.)
- d* Komponenten *fpl* hohen Molekulargewichtes; Bestandteile *npl* hohen Molekulargewichtes
- f* composants *mpl* de haut poids moléculaire
- p* componentes *mpl* de alto peso molecular
- \* **components of metabolites** → 1558
- 1482 composition in active ingredients**  
(Prod.)  
(Pharmaceutical technology.)
- d* Zusammensetzung *f* an Wirkstoffen; Wirkstoffzusammensetzungen *fpl*
- f* composition *f* en principes actifs
- p* composição *f* em princípios ativos
- \* **composition of various active agents** → 1490
- 1483 composition of various agents producing distinct pharmacological effects**  
(Prod.)  
(Pharmaceutical technology; ref. to composition products with various active agents.)
- d* Zusammenstellung *f* mehrerer Stoffe mit verschiedenartiger pharmakologischer Auswirkung
- f* composition *f* de plusieurs agents producteurs des effets pharmacologiques divers
- p* composição *f* de vários agentes com distintos efeitos farmacológicos
- 1484 composition of vitamin C effervescent tablets**  
(Vit.)  
(Vitamin technology.)
- d* Zusammensetzung *f* von Vitamin C-Brausetabletten
- f* composition *f* des comprimés effervescents en vitamine C
- p* composição *f* dos comprimidos efervescentes de vitamina C
- 1485 composition structure**  
(Vit.)  
(Vitamin technology; ref. to vitamin preparations.)
- d* Zusammensetzungsstruktur *f*
- f* structure *f* de la composition
- p* estrutura *f* da composição
- 1486 compound alcoholates**  
(Phyto.)  
(Medicament obtained by alcoholic distillation of various aromatic medicamentous plant substances.)
- d* zusammengesetzte Alkoholate *npl*
- f* alcoolats *mpl* composés
- p* alcoolatos *mpl* compostos
- 1487 compound obtained by molecular hybridization**  
(Mol.)  
(Composite molecule, e.g. of two aliphatic aminoacids as arginine (C<sub>6</sub>H<sub>14</sub>N<sub>4</sub>O<sub>2</sub>)/aspartic acid (C<sub>4</sub>H<sub>7</sub>NO<sub>4</sub>), active substance composition-product.)
- d* durch molekuläre Hybridation gewonnene Verbindung *f*
- f* composé *m* obtenu par l'hybridation moléculaire
- p* composto *m* obtido por hibridação molecular
- 1488 compound of high molecular weight**  
(Mol.)  
(Ref. to relative molecular mass.)
- d* hochmolekulare Verbindung *f*
- f* composé *m* à haute poids moléculaire; composé *m* à haute densité moléculaire
- p* composto *m* de alto peso molecular
- 1489 compound of low molecular weight**  
(Mol.)  
(Ref. to relative molecular mass.)
- d* niedermolekulare Verbindung *f*
- f* composé *m* à bas poids moléculaire; composé *m* à basse densité moléculaire
- p* composto *m* de baixo peso molecular
- 1490 compound of various active agents; composition of various active agents**  
(Prod.)  
(Pharmaceutical technology; ref. to composition products.)

- d* Verbindung *f* mehrerer Wirkstoffe;  
Zusammenstellung *f* mehrerer Wirkstoffe
- f* composé *m* de plusieurs principes actifs;  
composition *f* de plusieurs principes actifs
- p* composto *m* de vários agentes ativos;  
composição *f* de vários agentes ativos
- 1491 compound powder**  
(Prod.)  
(Pharmaceutical technology; ref. to pharmaceutical powder production.)
- d* zusammengesetztes Pulver *n*
- f* poudre *f* composée
- p* pó *m* composto
- 1492 compound tincture**  
(Prod.)  
(Pharmaceutical technology; ref. e.g. to tinctures having various constituent parts as active principles.)
- d* zusammengesetzte Tinktur *f*
- f* teinture *f* composée
- p* tintura *f* composta
- 1493 compress v**  
(Prod.)  
(Pharmaceutical technology.)
- d* komprimieren; zusammenpressen
- f* comprimer
- p* comprimir
- 1494 compressibility**  
(Prod.)  
(Pharmaceutical processes; characteristic of being able to be compressed: substance characteristic of volume decrease by the effect of compression.)
- d* Kompressibilität *f*
- f* compressibilité *f*
- p* compressibilidade *f*
- 1495 compressing**  
(Prod.)  
(Pharmaceutical technology; ref. to tableting processes)
- d* Kompressions-Vorgang *m*;  
Verdichtungsprozess *m*
- f* processus *m* de compression
- p* processo *m* de compressão
- 1496 compression**  
(Prod.)  
(Pharmaceutical technology; ref. to tableting processes: meant here as the result of compressing.)
- d* Kompression *f*; Verdichtung *f*
- f* compression *f*
- p* compressão *f*
- 1497 compression after granulation yields the tablet**  
(Prod.)  
(Pharmaceutical processes: the stages of the tableting process.)
- d* Verpressung *f* nach Granulierung ergibt die Tablette
- f* compression *f* après granulation rend le comprimé
- p* compressão *f* após granulação resulta no comprimido
- 1498 compression destined for agglomeration of medicamentous substances**  
(Prod.)  
(Pharmaceutical technology; tableting process.)
- d* Kompression *f* bestimmt zur Zusammenpressung medikamentöser Wirkstoffe
- f* compression *f* destinée à agglomérer les substances médicamenteuses
- p* compressão *f* destinada a aglomerar as substâncias medicamentosas
- 1499 compression force**  
(Prod.)  
(Pharmaceutical technology; ref. to tableting.)
- d* Kompressions-Druck *m*; Druck *m* der Verdichtung
- f* force *f* de compression
- p* força *f* de compressão
- 1500 compression force range**  
(Prod.)  
(Pharmaceutical technology; ref. to tableting processes.)
- d* Bereich *m* des Kompressions-Druckes
- f* plage *f* de la force de compression
- p* limites *m* da força de compressão
- 1501 compression powders; powders for compression operations**  
(Prod.)  
(Pharmaceutical technology; ref. to tablet-production, preliminary operations – the granulation operations.)
- d* Kompressionspulver *npl*; Pulver *npl* für das Verpressungsverfahren
- f* poudres *fpl* à compression; poudres *fpl* destinées à la opération de compression
- p* pós *mpl* para compressão; pós *mpl* para as operações de compressão



- 1502 compression process of dry medicamentous substances**  
(Prod.)  
(Pharmaceutical processes: ref. to tablet production; see entry "tablet: a pharmaceutical preparation of solid consistency".)  
*d* Verpressungsprozess *m* medikamentöser Trockensubstanzen;  
Kompressionsverfahren *m* medikamentöser Trockensubstanzen  
*f* processus *m* de compression des substances médicamenteuses sèches  
*p* processo *m* de compressão de substâncias medicamentosas secas
- 1503 concatenation of amino acids**  
(Enz.)  
(Linking together of amino acids in a chain.)  
*d* Verkettung *f* von Aminosäuren  
*f* enchaînement *m* d'acides aminés;  
concaténation *f* d'acides aminés  
*p* encadeamento *m* de amino ácidos;  
concatenação *f* de aminoácidos
- 1504 conceive v a new molecule of therapeutic interest**  
(Mol.)  
(Ref. to molecule structure in research, for medicinal use.)  
*d* ein neues Molekül von therapeutischem Interesse entwerfen  
*f* concevoir une nouvelle molécule d'intérêt thérapeutique  
*p* conceber uma molécula nova de interesse terapêutico
- 1505 concentrated coating solution**  
(Prod.)  
(Pharmaceutical processes; in tableting, ref. to tablet coating.)  
*d* konzentrierte Überzugslösung *f*  
*f* solution *f* concentrée d'enrobage  
*p* solução *f* concentrada de cobertura; solução *f* concentrada de revestimento
- 1506 concentrate of vitaminized active agents**  
(Vit.)  
(Vitamin concentrate.)  
*d* Vitaminwirkstoffkonzentrat *n*  
*f* concentré *m* de principes actifs vitaminés  
*p* concentrado *m* de princípios ativos vitaminados
- 1507 concentration by evaporation**  
(Prod.)  
(Pharmaceutical technology.)  
*d* Konzentration *f* durch Verdunstung;  
Konzentrierung *f* durch Eindampfen;  
Konzentrierung *f* durch Eindampfung  
*f* concentration *f* par évaporation  
*p* concentração *f* por evaporação
- 1508 concentration decreases linearly**  
(Prod.)  
(Pharmaceutical technology.)  
*d* Konzentration *f* verringert sich linear  
*f* concentration *f* diminue de façon linéaire;  
concentration *f* diminue linéairement  
*p* concentração *f* diminui de modo linear
- 1509 concentration of a solution by evaporation**  
(Prod.)  
(Pharmaceutical processes; purpose: e.g. obtention of a pure solvent: desalinization of sea water.)  
*d* Konzentration *f* durch Eindampfen einer Lösung; Konzentrierung *f* durch Eindampfung einer Lösung  
*f* concentration *f* d'une solution par évaporation  
*p* concentração *f* de uma solução por evaporação
- 1510 concentration of dispersion phases; concentration of phases of a dispersion**  
(Prod.)  
(Pharmaceutical chemistry.)  
*d* Konzentration *f* der Dispersionsphasen  
*f* concentration *f* des phases d'une dispersion  
*p* concentração *f* das fases de uma dispersão
- 1511 concentration of extractive solutions by evaporation**  
(Phyto.)  
(Extraction technique in production of active principles.)  
*d* Konzentrierung *f* der Extraktionslösungen durch Verdampfung  
*f* concentration *f* des solutions extractives par évaporation  
*p* concentração *f* das soluções extrativas por evaporação
- \* concentration of phases of a dispersion → 1510
- 1512 concentration of the antibiotic at the site of infection**  
(Ant.)  
(This determined, e.g. by absorption, tissue diffusion etc.)  
*d* Konzentration *f* des Antibiotikums am Infektionsherd  
*f* concentration *f* de l'antibiotique au siège de l'infection  
*p* concentração *f* do antibiótico no local da infecção

- \* **concentration of the antibiotic in the body fluid** → 3237
- 1513 concentration of the biomass in the biological reactor**  
(Enz.)  
(Biotechnology; in biotechnological production processes.)  
*d* Konzentration *f* der Biomasse im biologischen Reaktor  
*f* concentration *f* en biomasse dans le réacteur biologique  
*p* concentração *f* de biomassa no reator biológico
- 1514 concentration ranges**  
(Prod.)  
(Pharmaceutical technology.)  
*d* Konzentrationsbereiche *npl*  
*f* plages *fppl* de concentration  
*p* limites *npl* de concentração
- 1515 conception of the active principle**  
(Prod.)  
(Pharmaceutical technology: ref. to research of medicamentous molecules.)  
*d* Konzeption *f* eines Wirkstoffs; geistiger Gesamtentwurf *m* eines Wirkstoffes  
*f* conception *f* du principe actif  
*p* concepção *f* de princípio ativo
- 1516 conclusion of fermentation; close of fermentation**  
(Prod.)  
(Pharmaceutical processes; ref. to process conclusion.)  
*d* Beendigung *f* der Gärung  
*f* conclusion *f* de la fermentation; achèvement *m* de la fermentation  
*p* conclusão *f* da fermentação; fim *m* da fermentação
- \* **concomitant effect of a process** → 30
- 1517 concomitant phenomenon**  
(Med.)  
(E.g. in diseases: simultaneous symptoms.)  
*d* Begleiterscheinung *f*  
*f* phénomène *m* concomitant  
*p* fenômeno *m* concomitante
- 1518 concomitant symptoms of a disease**  
(Med.)  
(Concomitant = simultaneous = coexisting.)  
*d* Krankheit begleitende Symptome *npl*; Symptome *npl*, die eine Krankheit begleiten  
*f* sintomas *npl* concomitants d'un maladie
- p* sintomas *npl* concomitantes de um doença
- 1519 condensation**  
(Prod.)  
(Pharmaceutical chemistry; association of two molecules to form a more complex one, by elimination of simple molecules (as water or alcohol); substance transition from the gas- or vapour state into the liquid state.)  
*d* Kondensierung *f*; Kondensation *f*  
*f* condensation *f*  
*p* condensação *f*
- 1520 condensation reaction**  
(Mol.)  
(Reaction of combination of two molecules, under elimination of a small one.)  
*d* Kondensationsreaktion *f*  
*f* réaction *f* de condensation  
*p* reação *f* de condensação
- 1521 condense v**  
(Prod.)  
(Pharmaceutical chemistry; ref. to liquefaction process of gases by pressure increase or temperature reduction.)  
*d* kondensieren; verdichten  
*f* condenser  
*p* condensar
- 1522 conditioning factor**  
(Med.)  
(Condition creating, determining factor.)  
*d* konditionierender Faktor *m*; Konditionierungsfaktor *m*  
*f* facteur *m* conditionnant  
*p* fator *m* condicionador
- 1523 conditions of biotechnological industrialization**  
(Enz.)  
(Biotechnology as applied biological science aimed at industrial exploitation; e.g. conditions: access to prime material.)  
*d* Bedingungen *fppl* der biotechnologischen Industrialisierung  
*f* conditions *fppl* de l'industrialisation biotechnologique  
*p* condições *fppl* de industrialização biotecnológica
- 1524 conduct v polymerization**  
(Prod.)  
(Pharmaceutical technology; polymerization processes.)  
*d* Polymerisation durchführen  
*f* conduire la polymérisation  
*p* conduzir a polimerização

- 1525 condurango; condurango bark**  
(Phyto.)  
(Dried bark of "Marsdenia condurango Reichenb. f., Asclepiadaceae"; active substance: condurangin ( $C_{35}H_{54}O_{14}(OCH_3)_2$ ); the bark as a source of an aromatic bitter.)  
*d* Kondurango*f*; Kondurangorinde*f*  
*f* condurango *m*; écorce *f* de condurango  
*p* condurango *m*; casca *f* do condurango
- \* **condurango bark** → 1525
- 1526 confer v a better pharmacological effect**  
(Pharm.)  
(Ref. to research and elaboration of active principles.)  
*d* eine bessere pharmakologische Wirkung verleihen  
*f* conférer un effet pharmacologique meilleur  
*p* propiciar um melhor efeito farmacológico
- 1527 confer v to the improved molecules targetable pharmacologic properties**  
(Mol.)  
(Process of molecule modulation: pharmacomodulation (see entry).)  
*d* den verbesserten Molekülen zielgerichtete pharmakologische Eigenschaften verleihen  
*f* conférer aux molécules améliorées des propriétés pharmacologiques ciblées  
*p* conferir às moléculas aperfeiçoadas propriedades farmacológicas direcionadas ao alvo
- 1528 confer v to the molecule improved targetable pharmacologic properties**  
(Prod.)  
(Pharmaceutical technology; process of molecule modulation: pharmacomodulation (see entry).)  
*d* den Molekülen verbesserte zielgerichtete pharmakologische Eigenschaften verleihen  
*f* conférer aux molécules des propriétés pharmacologiques ciblées améliorées  
*p* conferir às moléculas aperfeiçoadas propriedades farmacológicas direcionadas ao alvo
- 1529 configuration**  
(Prod.)  
(Pharmaceutical chemistry. Spatial (spatial) arrangement of atoms or atom groups within a molecule. These arrangements effect the properties of (medicamentous) molecules.)  
*d* Konfiguration *f*  
*f* configuration *f*  
*p* configuração *f*
- 1530 configuration of atoms**  
(Mol.)  
(Ref. to spatial arrangement of atoms or groups of atoms within a molecule (as in stereochemistry).)  
*d* Konfiguration *f* von Atomen; Anordnung *f* von Atomen  
*f* configuration *f* des atomes  
*p* configuração *f* dos átomos
- 1531 configuration of the protein**  
(Enz.)  
(Enzymology; ref. to the structural aspect of proteins, esp. to its covalent bonds.)  
*d* Konfiguration *f* des Proteins  
*f* configuration *f* de la protéine  
*p* configuração *f* da proteína
- 1532 conformation**  
(Mol.)  
(Different spacial (spatial) atom arrangements within a molecule of a certain configuration; (see entry) resulting from rotation of atom groups about single bonds.)  
*d* Konformation *f*; Konstellation *f*  
*f* conformation *f*  
*p* conformação *f*
- 1533 conformation modification**  
(Mol.)  
(See entry: conformation.)  
*d* Konformationsänderung *f*; Konstellationsänderung *f*  
*f* modification *f* de la conformation  
*p* modificação *f* da conformação
- 1534 conformation of the protein**  
(Enz.)  
(Enzymology; ref. to the structural aspect of proteins, esp. to its bonds of weak energy.)  
*d* Gestaltung *f* des Proteins  
*f* conformation *f* de la protéine  
*p* conformação *f* da proteína
- 1535 congenital immunity**  
(Med.)  
(See entry: natural immunity.)  
*d* angeborene Immunität *f*  
*f* immunité *f* congénitale  
*p* imunidade *f* congênital
- 1536 congenital thiamin[e]-sensitive lactic acid acidosis**  
(Vit.)  
(Metabolic trouble ref. to the pyruvate metabolism; indication of thiamine (vitamin B<sub>1</sub>)-therapy.)

- d* angeborene thiaminempfindliche Milchsäure-Acidose *f*; angeborene thiaminempfindliche Milchsäure-Gewebsübersäuerung *f*
- f* acidose *f* lactique congénitale thiamino-sensible
- p* acidose *f* láctica congénital tiamina-sensível
- 1537 conical form of the suppository**  
(Prod.)  
(Pharmaceutical technology: ref. to suppository production, product aspect.)
- d* konische Form *f* des Zäpfchens; konische Zäpfchenform *f*
- f* forme *f* conique du suppositoire
- p* forma *f* cônica do supositório
- 1538 conic papilla**  
(Anat.)  
(One kind of tongue-protuberance related to the taste buds.)
- d* konische Zungenpapille *f*; konische Geschmacksknospe *f*
- f* papille *f* conique
- p* papila *f* cônica
- 1539 coniine**  
(Phyto.)  
(C<sub>8</sub>H<sub>17</sub>N), conicine, cicutine; medicamentous substance – antispasmodic, sedative, from "Conium maculatum L., Umbelliferae"; see entry: cicutina.)
- d* Coniin *n*
- f* conicine *f*; cicutine *f*
- p* coniina *f*
- 1540 conjugated protein (heteroprotein)**  
(Enz.)  
(Enzymology; protein-classification as to its composition: containing besides amino acids also other substances.)
- d* zusammengesetztes Protein *n* (Heteroprotein *n*)
- f* protéine *f* conjuguée (hétéroprotéine *f*)
- p* proteína *f* conjugada (heteroproteína *f*)
- 1541 conjugated protein: glycoprotein**  
(Enz.)  
(Enzymology; the conjugated protein called "glycoprotein" has as its prosthetic group carbohydrate; this also is its classification criterion.)
- d* zusammengesetztes Protein *n*: Glucoprotein *n*
- f* protéine *f* conjuguée: glycoprotéine *f*
- p* proteína *f* conjugada: glicoproteína *f*
- 1542 conjugated protein: lipoprotein**  
(Enz.)  
(Enzymology; The conjugated protein called "lipoprotein" has as its prosthetic group simple or complex lipids; this also is its classification criterion.)
- d* zusammengesetztes Protein *n*: Lipoprotein *n*
- f* protéine *f* conjuguée: lipoprotéine *m*
- p* proteína *f* conjugada: lipoproteína *f*
- 1543 conjugation**  
(Cyt.)  
(In cytology, in biology, e.g. union of gametes during fertilization; process of pairing of chromosomes.)
- d* Konjugation *f*
- f* conjugaison *f*
- p* conjugação *f*
- 1544 conjunctivitis**  
(Med.)  
(Ref. to conjunctival inflammation, pink eye; to be treated, e.g. by antibiotic eye drops (see this entry) and ophthalmic pomades.)
- d* Bindehautenzündung *f*; Konjunktivitis *f*
- f* conjonctivite *f*
- p* conjuntivite *f*
- 1545 consciousness of pain**  
(Med.)  
(Requiring analgesic treatment.)
- d* Schmerzbewusstsein *n*
- f* conscience *f* de la douleur
- p* consciência *f* da dor
- 1546 consecutive amino acids of a chain**  
(Enz.)  
(Enzymology; ref. to the structure of the sequence of amino acids forming a chain.)
- d* aufeinander folgende Aminosäuren *fpl* einer Kette
- f* acides *mpl* aminés consécutifs d'une chaîne
- p* aminoácidos *mpl* consecutivos de uma cadeia
- 1547 consequences of fermentation interruption; consequences of the interruption of fermentation**  
(Prod.)  
(Pharmaceutical processes; ref. to process interruption.)
- d* Folgen *fpl* der Gärungsstockung; Folgen *fpl* des Gärungsabbruches
- f* conséquences *mpl* du arrêt de la fermentation
- p* consequências *fpl* da paralização da fermentação
- \* consequences of the interruption of fermentation → 1547

- 1548 conservation of a medicament; preservation of a medicinal drug**  
(Prod.)  
(Pharmaceutical technology: e.g. stabilization of the active principle)
- d* Haltbarkeit *f* des Medikaments; Haltbarmachung *f* eines Arzneimittels
- f* conservation *f* des médicaments
- p* conservação *f* dos medicamentos
- (Pharmaceutical technology; characteristic which can be stabilized by certain auxiliaries in the product formula.)
- d* gleichbleibende Tropfgeschwindigkeit *f* einer medikamentösen Lösung
- f* vitesse *f* constante de l'égouttage d'une solution médicamenteuse
- p* velocidade *f* constante de gotejamento de uma solução medicamentosa
- 1549 consistency**  
(Prod.)  
(Pharmaceutical technology; ref. to the firmness of constitution of a product.)
- d* Konsistenz *f*
- f* consistence *f*
- p* consistência *f*
- 1550 consistency of phytotherapeutic extracts: fluid, dry, firm, soft**  
(Phyto.)  
(Extraction technique in production of active principles.)
- d* Konsistenz *f* phytotherapeutischer Extrakte: flüssig/dünnflüssig, trocken, fest, weich
- f* consistence *f* des extraits phytothérapeutiques: fluide, sec, ferme, mou
- p* consistência *f* dos extratos fitoterapêuticos: fluido, seco, firme, mole
- \* **consistent absorption** → 1552
- \* **consisting of fragments** → 2729
- 1551 constancy control of tablet dimensions**  
(Prod.)  
(Pharmaceutical processes; after tableting: control procedures; see entry: dimension control of the tablet.)
- d* Beständigkeitskontrolle *f* der Tablettdimensionen
- f* contrôle *m* de la constance des dimensions des comprimés
- p* controle *m* da constância das dimensões dos comprimidos
- 1552 constant absorption; consistent absorption**  
(Pharm.)  
(Ref. to product activity in the organism.)
- d* beständige Absorption *f*; beständige Aufnahme *f*
- f* absorption *f* constante
- p* absorção *f* constante
- 1553 constant drip rate of an medicamentous solution**  
(Prod.)
- (Pharmaceutical technology; characteristic which can be stabilized by certain auxiliaries in the product formula.)
- d* gleichbleibende Tropfgeschwindigkeit *f* einer medikamentösen Lösung
- f* vitesse *f* constante de l'égouttage d'une solution médicamenteuse
- p* velocidade *f* constante de gotejamento de uma solução medicamentosa
- 1554 constant pressure**  
(Prod.)  
(Pharmaceutical processes; ref. to processing activities.)
- d* gleichbleibender Druck *m*; konstanter Druck *m*
- f* pression *f* constante
- p* pressão *f* constante
- 1555 constant relative humidity**  
(Prod.)  
(Pharmaceutical technology; ratio of vapour quantity actually present in the air, to the greatest amount possible at the same temperature.)
- d* konstante relative Feuchtigkeit *f*
- f* humidité *f* relative constante
- p* umidade *f* relativa constante
- 1556 constituent amino acids of the protein**  
(Enz.)  
(Enzymology; ref. to the sequential structure of proteins.)
- d* wesentliche Aminosäuren *fp* des Proteins
- f* acides *mpl* aminés constitutifs de la protéine
- p* aminoácidos *mpl* constitutivos da proteína
- 1557 constituent of the vitamin principle; component of the vitamin principle**  
(Vit.)  
(See the explanation of entry: complex of various vitamin factors, and e.g. vitamin A: retinol; vitamin D<sub>2</sub>: cholecalciferol; vitamin E: tocopherol; vitamin F: fatty acid etc.)
- d* Bestandteil *m* des Vitaminprinzips
- f* constituant *m* du principe vitaminique
- p* constituente *m* do princípio vitamínico
- 1558 constituents of metabolites; components of metabolites**  
(Vit.)  
(Vitamin biochemistry: e.g. ref. to provitamins.)
- d* Metabolitbestandteile *mpl*; Bestandteil *mpl* von Stoffwechselprodukten
- f* constituants *mpl* de métabolites
- p* componentes *fp* de metabólitos

- 1559 constituents of the vitamin B complex participate in enzymatic systems**  
(Vit.)  
(Vitamin physiology; ref. to the activity of the B complex, containing: vitamin B<sub>1</sub>, B<sub>2</sub>, B<sub>6</sub>, PP (nicotinamide), B<sub>5</sub> (calcium D-pantothenate) and biotin (vitamin H).)
- d* Bestandteile *mpl* des Vitamin B-Komplexes nehmen an den enzymatischen Systemen teil
- f* constituants *mpl* du complexe de vitamine B participent aux systèmes enzymatiques
- p* constituintes *mpl* do complexo vitamínico B participam nos sistemas enzimáticos
- 1560 constitutional type of the sick person**  
(Homoeop.)  
(Ref. to hom[*o*]eopathic notion, on which depends the "individualization of remedies", see this entry.)
- d* konstitutioneller Typ *m* des Kranken; Konstitutionstyp *m* des Kranken
- f* type *m* constitutionnel du malade
- p* tipo *m* constitucional do doente
- 1561 constitutive enzymes**  
(Enz.)  
(Enzyme/protein biochemistry.)
- d* konstitutive Enzyme *npl*
- f* enzymes *mpl* constitutifs
- p* enzimas *fpl* constitutivas
- \* **constriction** → 1571
- 1562 consumption of the microbial substrate**  
(Enz.)  
(Biotechnology; ref. to microbial cultures in research and production processes.)
- d* Aufbrauch *m* des Mikrobensubstrates
- f* consommation *f* du substrat microbien
- p* consumação *f* do substrato microbiano
- 1563 content of active principle**  
(Prod.)  
(Pharmaceutical chemistry; ref. to the production of pharmaceutical forms.)
- d* Wirkstoffgehalt *m*; Gehalt *m* an Wirkstoff
- f* teneur *f* en principe actif
- p* teor *m* de princípio ativo
- 1564 content of active principle of a medicinal plant**  
(Phyto.)  
(Hom[*o*]eopathic and phytotherapeutic identification and control problem.)
- d* Gehalt *m* an Wirkstoff einer Heilpflanze; Wirkstoffgehalt *m* einer Heilpflanze
- f* teneur *f* en principe actif d'une plante médicinale
- p* teor *m* de princípio ativo de uma planta medicinal
- 1565 continuous administration of a medicamentous drug**  
(Prod.)  
(Pharmaceutical technology; ref. to drug concentration on the level of its substrate toleration range: maximum therapeutic-non-toxic and a minimum therapeutic-but still active.)
- d* kontinuierliche Verabreichung *f* eines Arzneimittels
- f* administration *f* continue d'une drogue médicamenteuse
- p* administração *f* contínua de uma droga medicamentosa
- 1566 continuous/discontinuous production operations**  
(Prod.)  
(Pharmaceutical technology; ref. to production processes.)
- d* kontinuierliche/diskontinuierliche Produktionsoperationen *fpl*
- f* opérations *fpl* de production continues/discontinues
- p* operações *fpl* contínuas/discontínuas de produção
- 1567 continuous film**  
(Prod.)  
(Pharmaceutical technology: coating type characteristic.)
- d* kontinuierlicher Film *m*
- f* film *m* continu
- p* filme *m* contínuo
- \* **continuous filtering** → 1568
- 1568 continuous filtration; continuous filtering**  
(Prod.)  
(Pharmaceutical processes; filtration processes.)
- d* kontinuierliche Filtration *f*; kontinuierliche Filtrierung *f*
- f* filtration *f* continue; filtrage *m* continu
- p* filtração *f* contínua
- 1569 continuous phase of an emulsion**  
(Prod.)  
(Pharmaceutical chemistry; see entries : "nature of an emulsion phase" and "electric conductivity of an emulsion with an aqueous phase".)
- d* kontinuierliche Phase *f* einer Emulsion
- f* phase *f* continue d'une émulsion
- p* fase *f* contínua de uma emulsão

- 1570 contractility as the ability of contracting itself**  
(Med.)  
(Ref. e.g. to a muscle, to the womb.)  
*d* Kontraktilität *f* als die Fähigkeit sich zusammenzuziehen  
*f* contractilité *f* comme la capacité de se contracter  
*p* contratilidade *f* como habilidade de contrair-se
- 1571 contraction; constriction**  
(Med.)  
(Ref. to the skin, e.g. due to vitamin B<sub>3</sub> deficiency.)  
*d* Zusammenziehung *f*  
*f* rétraction *f*  
*p* contração *f*
- 1572 contraction as expression of a negative coefficient of expansion**  
(Prod.)  
(Pharmaceutical processes; ref. to expansion; e.g. water shows a negative coefficient between 0°C and 4°C, i.e. water has its highest density at 4°C.)  
*d* Zusammenziehung *f* als Ausdruck eines negativen Ausdehnungskoeffizients  
*f* contraction *f* comme expression d'un coefficient d'expansion négative  
*p* contração *f* como expressão de um coeficiente de expansão negativo
- 1573 contraction as the action of contracting**  
(Med.)  
(Ref. e.g. to a muscle, to the womb.)  
*d* Kontraktion *f* als das Sichzusammenziehen  
*f* contraction *f* comme l'action de se contracter  
*p* contração *f* como o ato de contrair-se
- 1574 contraction of cardiac tissue**  
(Med.)  
(Susceptible to certain trace element-ions.)  
*d* Herzwgebekontraktion *f*  
*f* contraction *f* du tissu cardiaque  
*p* contração *f* do tecido cardíaco
- 1575 controlled activity of selected strains of microorganisms**  
(Enz.)  
(Fermentation in biotechnology aimed at the production of substances for industrial exploitation.)  
*d* gesteuerte Aktivität *f* ausgewählter Stränge von Mikroorganismen  
*f* activité *f* contrôlé des espèces de micro-organismes sélectionnées; activité *f* contrôlé des souches de micro-organismes sélectionnées
- p* atividade *f* controlada das espécies de microorganismos selecionadas
- \* **controlled continuation of the fermentation process** → 29
- 1576 controlled-release medicinal drug**  
(Prod.)  
(Pharmaceutical technology; tablet which releases the active agent gradually.)  
*d* Arzneimittel *n* kontrollierter Freisetzung  
*f* médicament *m* de libération contrôlée  
*p* medicamento *m* de liberação controlada
- 1577 control of acute pain**  
(Med.)  
(Ref. to analgesic treatment.)  
*d* Kontrolle *f* akuten Schmerzes; Beherrschung *f* des heftigen Schmerzes  
*f* contrôle *m* de la douleur aiguë  
*p* controle *m* da dor aguda
- 1578 control of the enzymatic destruction of the active principle**  
(Enz.)  
(Ref. to stabilization of mechanisms of alteration.)  
*d* Kontrolle *f* der enzymatischen Zerstörung der Wirksubstanz  
*f* contrôle *m* de la destruction enzymatique de la substance médicamenteuse  
*p* controle *m* da destruição da substância ativa por enzimas
- \* **controsome** → 1161
- 1579 conversion into coenzyme**  
(Vit.)  
(Ref. to vitamin biochemistry.)  
*d* Umwandlung *f* in Coenzym  
*f* conversion *f* en coenzyme  
*p* conversão *f* em coenzima
- 1580 conversion of electrical nervous impulses into chemical hormonal signals**  
(Horm.)  
(Ref. to the action of hormones: e.g. neurohormones, see this entry.)  
*d* Umwandlung *f* von elektrischen Nervenimpulsen in chemische Hormonsignale  
*f* conversion *f* des impulsions nerveuses électriques en signaux hormonaux chimiques  
*p* conversão *f* de impulsos nervosos elétricos em sinais hormonais químicos
- 1581 conversion of tryptophan[e] to vitamin B<sub>3</sub>**  
(Vit.)  
(Vitamin physiology; biochemical processes in the human body.)

- d* Tryptophan-Konversion *f* zu Vitamin B<sub>3</sub>;  
Tryptophan-Umwandlung *f* zu Vitamin B<sub>3</sub>  
*f* conversion *f* du tryptophane en vitamine B<sub>3</sub>  
*p* conversão *f* do triptofano para vitamina B<sub>3</sub>
- 1582 convert v**  
(Vit.)  
(Conversion of vitamins in the body.)  
*d* konvertieren; umwandeln  
*f* convertir  
*p* converter
- 1583 convertible emulsion**  
(Prod.)  
(Pharmaceutical technology; ref. to conversion of an oil/water emulsion into a water/oil emulsion.)  
*d* Umschlagsemulsion *f*  
*f* émulsion *f* convertible  
*p* emulsão *f* conversível
- 1584 convert v into an ester**  
(Prod.)  
(Pharmaceutical processes; see entry: esterification.)  
*d* in einen Ester verwandeln  
*f* transformer en ester  
*p* transformar em um ester
- \* **convex tablet coating operation → 6648**
- 1585 convey v protons in vitamin physiology**  
(Vit.)  
(Proton-/electron-conveyance in metabolism, supposed to be made possible by the influence of vitamin activity.)  
*d* Protonen befördern in der Vitamin-Physiologie  
*f* véhiculer les protons dans de la physiologie des vitamines  
*p* veicular os protons na fisiologia das vitaminas
- 1586 coordinate covalent bond; semipolar covalent bond; dative covalent bond**  
(Mol.)  
(Only one of the atoms giving the 2 electrons necessary for the formation of a covalent bond = coordinate (semipolar or dative) covalent bond.)  
*d* koordinierte kovalente Bindung *f*; semipolare kovalente Bindung *f*  
*f* liaison *f* de covalence coordonnée; liaison *f* de covalence semi-polaire; liaison *f* de covalence dative  
*p* ligação *f* covalente coordenada; ligação *f* covalente semipolar; ligação *f* covalente dativa
- 1587 copaiba; copaiba balsam**  
(Phyto.)  
("Copaifera langsdorfii, Leguminosae"; in Brazil oil preparations as antiseptic and anti-inflammatory for the urinary tract, etc.)  
*d* Kopaivabalsam *m*  
*f* copahu *m*; baume *m* de copahu  
*p* bálsamo *m* de copaiba
- \* **copaiba balsam → 1587**
- 1588 copolymer of pharmaceutical purity**  
(Prod.)  
(Pharmaceutical technology; auxiliary (e.g. PVP).)  
*d* Copolymerisat *n* pharmazeutischer Reinheit  
*f* copolymère *m* de pureté pharmaceutique  
*p* copolímero *m* de pureza farmacêutica
- 1589 copolymer with chain-structure**  
(Mol.)  
(A polymerization product; e.g. auxiliary.)  
*d* Copolymerisat *n* mit Kettenstruktur  
*f* copolymère *m* de structure à chaînes  
*p* copolímero *m* com estrutura de cadeia
- 1590 copper-trace element**  
(Vit.)  
(Vitamin technology; Cu enzyme-(transaminase)-activator in the liver; microelement in vitamin formulations.)  
*d* Kupfer-Spurenelement *n*  
*f* cuivre-oligoélément *m*; cuivre *m* comme d'élément de trace  
*p* microelemento *m* de cobre
- 1591 coprecipitate**  
(Prod.)  
(Pharmaceutical technology; product characteristic.)  
*d* Kopräzipitat *n*; Co-Präzipitat *n*; Zusammenausfällung *f*; Mit-Fällung *f*  
*f* coprécipité *m*  
*p* coprecipitado *m*; co-precipitado *m*
- 1592 core expansion**  
(Prod.)  
(Pharmaceutical chemistry; this possibility must be accompanied by a flexible granulate structure of the coating materials.)  
*d* Ausdehnung *f* des Kerns  
*f* expansion *f* du noyau  
*p* expansão *f* do núcleo
- 1593 core granulate**  
(Prod.)  
(Pharmaceutical chemistry; ref. to tableting, tablet structure.)



- d* Kerngranulat *n*  
*f* granulé *m* du noyau  
*p* granulado *m* do núcleo
- 1594 coriander oil; cilantro oil**  
 (Phyto.)  
 ("Coriandrum sativum L., Umbelliferae"; use: carminative.)  
*d* Korianderöl *n*  
*f* huile *f* de coriandre  
*p* óleo *m* de coentro
- \* **corium** → 1818
- 1595 cornea**  
 (Anat.)  
 (Ref. to eye structure; light refracting eye structure of the entering light.)  
*d* Hornhaut *f*  
*f* cornée *f*  
*p* córnea *f*
- \* **corneal ulcer due to vitamin A-deficiency** → 6560
- 1596 corneous layer; horny layer; cornified layer**  
 (Anat.)  
 ("Stratum corneum": skin-cell layer.)  
*d* Hornschicht *f*  
*f* couche *f* cornée  
*p* estrato *m* córneo
- \* **cornified layer** → 1596
- \* **corpora lutea** → 1597
- 1597 corpus luteum; corpora lutea *pl***  
 (Horm.)  
 (Endocrine glandular ovarian tissue which secretes progesterone.)  
*d* Gelbkörper *m/impl*  
*f* corps *m* jaune  
*p* corpo lúteo *m*; corpo *m* amarelo
- \* **corpus luteum hormone** → 5029
- 1598 corpus luteum hormone**  
 (Horm.)  
 (A luteinizing hormone, see this entry.)  
*d* Gelbkörperhormon *n*  
*f* hormone *f* du corps jaune  
*p* hormônio *m* do corpo-amarelo; hormônio *m* do corpo-lúteo
- 1599 correction of estrogen deficiency; compensation of estrogen deficiency**  
 (Pharm.)  
 (Ref. to hormonal treatment, e.g. estrogenic hormone, see this entry.)  
*d* Ausgleich *m* des Östrogenmangels; Kompensation *f* des Mangels an Östrogenen  
*f* correction *f* de la déficience des œstrogènes; compensation *f* de la carence des œstrogènes  
*p* correção *f* da deficiência estrogênica
- 1600 correlation coefficient; coefficient of correlation**  
 (Prod.)  
 (Pharmaceutical technology; ref. to analysis and processes.)  
*d* Korrelations-Koeffizient *m*; Koeffizient *m* der Wechselbeziehung  
*f* coefficient *m* de corrélation  
*p* coeficiente *m* de correlação
- \* **correspondence** → 1601
- 1601 correspondency; correspondence; analogy; similarity**  
 (Pharm.)  
 (Pharmacodynamics; see the explanation of the entry: endogenous correspondencies; endogenous similarities.)  
*d* Entsprechung *f*; Analogie *f*; Ähnlichkeit *f*; Übereinstimmung *f*  
*f* correspondance *f*; similarité *f*; similitude *f*  
*p* correspondência *f*; analogia *f*; semelhança *f*
- 1602 corrosion due to condensation water**  
 (Prod.)  
 (Pharmaceutical chemistry; reactions of gain/loss of electrons; corrosion due to water is promoted by the presence of oxygen or by acid components, electrochemical corrosion reaction.)  
*d* Korrosion *f* durch Kondenzwasser  
*f* corrosion *f* due à l'eau de condensation  
*p* corrosão *f* devido à água de condensação
- \* **corticoids** → 1604
- 1603 corticosteroid for local use**  
 (Horm.)  
 (An antipruritic, anti-inflammatory, e.g. in combination formulations against types of mycosis.)  
*d* örtlich anwendbares Corticosteroid *n*  
*f* corticostéroïde *m* pour l'application locale  
*p* corticosteróide *m* para aplicação tópica
- 1604 corticosteroids; corticoids**  
 (Horm.)  
 (The suprarenal cortex produces 3 steroid hormone types: Glucocorticoids (cortisol etc.); mineralocorticoids: (aldosterone etc.); and sex hormones (androgen etc.).)

- d* Kortikosteroide *npl*; Kortikoide *npl*;  
Corticosteroide *npl*; Corticoide *npl*  
*f* corticostéroides *mpl*; corticoïdes *mpl*  
*p* corticosteróides *mpl*; corticoïdes *mpl*
- 1605 corticosterone**  
(Horm.)  
(C<sub>21</sub>H<sub>30</sub>O<sub>4</sub>; adrenal cortex hormone.)  
*d* Corticosteron *n*  
*f* corticostérone *f*  
*p* corticosterona *f*
- 1606 corticotherapy; cortisone therapy**  
(Horm.)  
(Therapeutic usage of "suprarenal cortex hormones", see this entry.)  
*d* Corticotherapie *f*; Kortisontherapie *f*  
*f* corticothérapie *f*; thérapeutique *f* par des cortisones  
*p* corticoterapia *f*; terapia *f* baseada nas cortisonas
- 1607 corticotrop[h]in**  
(Horm.)  
(ACTH, same as adrenocorticotrop[h]ic hormone; see respective entry.)  
*d* Corticotropin *n*; Kortikotropin *n*  
*f* corticotrop[h]ine *f*  
*p* corticotropina *f*
- 1608 corticotrop[h]in: a hormone of the hypophysis**  
(Horm.)  
(ACTH; adrenocorticotrop[h]ic hormone; see also entry: hormone of the pituitary gland; hormone of the hypophysis.)  
*d* Kortikotropin *n*; ein Hypophysenhormon *n*  
*f* corticotrop[h]ine *f*; une hormone *f* hypophysaire  
*p* corticotropina *f*; um hormônio *m* da hipófise
- 1609 corticotrop[h]in releasing hormone**  
(Horm.)  
(CRH; see entry: corticotrop[h]in: a hormone of the hypophysis.)  
*d* Kortikotropin freisetzendes Hormon *n*  
*f* hormone *f* de libération de la corticotrop[h]ine; corticolibérine *f*  
*p* hormônio *m* de liberação da corticotropina
- \* **cortisol** → 3252
- 1610 cortisone**  
(Horm.)  
(C<sub>21</sub>H<sub>28</sub>O<sub>5</sub>; an adrenal-cortex hormone.)  
*d* Cortison *n*; Kortison *n*  
*f* cortisone *f*  
*p* cortisona *f*
- 1611 cortisone-estrogen combination**  
(Horm.)  
(Hormone combination for therapeutical use.)  
*d* Cortison-Östrogen-Kombination *f*; Kortison-Östrogen-Gemisch *n*  
*f* combinaison *f* de cortisone-œstrogène  
*p* combinação *f* de coretisona-estrogênio
- 1612 cortisone is an anti-inflammatory**  
(Horm.)  
(Ref. to corticotherapy; cortisone therapy, see this entry.)  
*d* Cortison *n* ist ein Entzündungshemmer  
*f* cortisone *f* est un anti-inflammatoire  
*p* cortisona *f* é um antiinflamatório
- \* **cortisone therapy** → 1606
- 1613 cosmetic powder**  
(Prod.)  
*d* kosmetisches Puder *n*  
*f* poudre *f* cosmétique  
*p* pó-de-arroz *m*
- 1614 cotton-wool dressing**  
(Prod.)  
(Pharmaceutical technology; pharmaceutical form for cutaneous application (application on the skin) to cover small wounds.)  
*d* Watteverband *m*  
*f* pansement *m* d'ouate; pensement *m* de coton hydrophile  
*p* curativo *m* de algodão
- 1615 cotton-wool swab**  
(Prod.)  
(Pharmaceutical technology; pharmaceutical auxiliary material for cutaneous application (application on the skin) to cover small wounds.)  
*d* Wattebausch *m*  
*f* tampon *m* de ouate; tampon *m* de coton hydrophile  
*p* chumaço *m* de algodão
- 1616 cough drop[s]**  
(Prod.)  
(Pharmaceutical chemistry; medicinal preparations against tussis; see entry: cough syrup.)  
*d* Hustentropfen *m/mpl*; Hustenbonbon *m*  
*f* gouttes *fpl* contre la toux; pastille *f* contre la toux  
*p* gotas *fpl* contra a tosse; bala *f* contra a tosse
- 1617 coughing reflex**  
(Med.)  
(This reflex expels the mucus (loosened by the expectorant) from the respiratory tract.)

- d* Hustenreflex *m*  
*f* réflexe *m* tussigène  
*p* reflexo *m* de tosse
- \* **cough soothing** → 1619
- 1618 cough soothing effect**  
 (Pharm.)  
 (Ref. to cough soothing remedy; see this entry.)  
*d* hustenstillende Wirkung *f*  
*f* effet *m* calmant la toux  
*p* efeito *m* calmante da tosse
- 1619 cough suppressant; cough soothing; remedy antitussive**  
 (Prod.)  
 (Ref. to coughing suppressing drugs.)  
*d* hustenreizstillendes Arzneimittel *n*;  
 Antitussivum *n*  
*f* médicament *m* calmant la toux; antitussif *m*;  
 remède *m* béchique  
*p* medicamento *m* calmante da tosse;  
 antitussígeno *m*
- 1620 cough syrup**  
 (Prod.)  
 (Pharmaceutical chemistry; medicinal preparations against tussis; see entry: cough drop[s].)  
*d* Hustensaft *m*  
*f* sirop *m* contre la toux; sirop *m* béchique  
*p* xarope *m* para a tosse
- 1621 coumarin; cumarin**  
 (Phyto.)  
 (C<sub>9</sub>H<sub>6</sub>O<sub>2</sub>; plant heteroside (see entry: heteroside), e.g. from tonka beans: used as anticoagulant.)  
*d* Cumarin *n*  
*f* coumarine *f*  
*p* cumarina *n*
- 1622 countercurrent exhaustion**  
 (Phyto.)  
 (Extraction-process type/extraction technique in production of active principles.)  
*d* Gegenstromerschöpfungsprozess *m*;  
 Erschöpfung *f* durch das Gegenstromprinzip  
*f* épuisement *m* par contre-courant  
*p* esgotamento *m* por contracorrente
- 1623 counterpressure effect within the posterior chamber of the eye**  
 (Med.)  
 (Ref. to pressure of the fluid in the chamber, damaging the optic nerve; to be treated with ophthalmological drugs.)
- d* Rückstauwirkung *f* in der hinteren Augenkammer  
*f* effet *m* à contre-pression dans la chambre postérieure de l'œil  
*p* efeito *m* de contrapressão na câmara posterior do olho
- \* **counterreactions** → 219
- 1624 couple v a substance to a molecular chain**  
 (Enz.)  
 (Enzymology; figurative expressions for "joining" etc.)  
*d* Substanz an eine Molekularkette ankoppeln  
*f* amarrer une substance à une chaîne moléculaire  
*p* amarrar uma substância a uma cadeia molecular; atrelar uma substância a uma cadeia molecular
- 1625 coupling of biochemical groupings**  
 (Enz.)  
 (Enzymology; ref. to certain enzyme/coenzyme reactions.)  
*d* Kopplung *f* biochemischer Gruppen  
*f* accrochage *m* de groupements biochimiques  
*p* acoplamento *m* de grupamentos bioquímicos
- 1626 coupling of biochemical reactions**  
 (Enz.)  
 (Ref. to biochemical reactions in coenzyme activity, its reversible modification and regeneration.)  
*d* biochemische Reaktions-Koppelung *f*  
*f* couplage *m* des réactions biochimiques  
*p* acoplamento *m* das reações bioquímicas
- 1627 coupling of phosphorylation reactions**  
 (Enz.)  
 (Ref. to the Krebs(citric acid)-cycle; biochemical reactions of energy production.)  
*d* Koppelung *f* der Phosphorylierungsreaktionen  
*f* couplage *f* des réactions de phosphorylation  
*p* acoplamento *m* das reações de fosforilação
- 1628 coupling of reactions**  
 (Vit.)  
 (Ref. to vitamin/enzyme activity.)  
*d* Reaktions-Kopplung *f*  
*f* couplage *m* des réactions  
*p* acoplamento *m* de reações
- 1629 course of an enzymatic reaction; run of an enzymatic reaction**  
 (Enz.)  
 (Biotechnology; e.g. enzymes involved in cell development.)  
*d* Ablauf *m* einer Enzymreaktion

- f* déroulement *m* d'une réaction enzymatique  
*p* decurso *m* de uma reação enzimática
- 1630 course of conservation**  
 (Prod.)  
 (Pharmaceutical processes; ref. to conditioning and to control processes.)  
*d* Dauer *f* der Konservierung  
*f* cours *m* de la conservation  
*p* curso *m* da conservação
- 1631 course of fermentation; run of fermentation**  
 (Prod.)  
 (Pharmaceutical processes; ref. to process observation in research and production.)  
*d* Ablauf *m* der Gärung; Gärungsablauf *m*; Verlauf *m* der Gärung; Gärungsverlauf *m*  
*f* déroulement *m* de la fermentation; marche *f* de la fermentation; cours *m* de la fermentation  
*p* decurso *m* da fermentação; evolução *f* da fermentação; curso *m* da fermentação
- 1632 covalence; covalency**  
 (Mol.)  
 (Biochemistry: electron sharing chemical valence type.)  
*d* Kovalenz *f*  
*f* covalence *f*  
*p* covalência *f*
- \* covalency → 1632
- 1633 covalent bond**  
 (Mol.)  
 (Bond of atoms sharing electrons; each atom gives one electron to the bond.)  
*d* kovalente Bindung *f*  
*f* liaison *f* de covalence  
*p* ligação *f* covalente
- \* crazes → 2996
- \* crazing → 2996
- 1634 cream**  
 (Med.)  
 (E.g. a vitamin-reinforced dermatological cream.)  
*d* Creme *f*; Krem *f/m*  
*f* crème *f*  
*p* creme *m*
- 1635 cream base**  
 (Vit.)  
 (Auxiliary e.g. for elaboration of vitamin creams.)  
*d* Cremebase *f*; Krembase *f*
- f* base *f* de crème  
*p* base *f* para cremes
- 1636 creaming; creaming off**  
 (Prod.)  
 (Pharmaceutical technology; instability-phenomenon of an emulsion.)  
*d* Aufrahmen *n*  
*f* crémage *m*  
*p* formação *f* de creme
- \* creaming off → 1636
- 1637 creosol**  
 (Prod.)  
 (Pharmaceutical chemistry; C<sub>8</sub>H<sub>10</sub>O<sub>2</sub>; active ingredient of creosote; wood creosote used as antiseptic; also: expectorant.)  
*d* Kreosol *n*  
*f* créosol *m*  
*p* creosol *m*
- 1638 creosote**  
 (Prod.)  
 (Pharmaceutical chemistry; coal-tar creosote; distillate of coal tar; fungicide/insecticide, germicide. Not used medicinally.)  
*d* Kreosot *n*  
*f* créosote *f*  
*p* creosoto *m*
- 1639 cresol**  
 (Prod.)  
 (Pharmaceutical chemistry; methylphenols; C<sub>7</sub>H<sub>8</sub>O; prime material for the elaboration of antiseptics, disinfectants, insecticides, etc.)  
*d* Kresol *n*  
*f* crésol *m*  
*p* cresol *m*
- 1640 cribriform; screen-like perforated** *adj*  
 (Prod.)  
 (Pharmaceutical chemistry; ref. to material characteristics, e.g. a perforated diaphragm.)  
*d* siebförmig; durchlöchert  
*f* criblé; perforé comme un crible  
*p* perfurado em forma de uma peneira
- 1641 critical pressure**  
 (Prod.)  
 (Pharmaceutical processes; ref. to processing activities: fluid pressure, being the fluid in a critical state; liquid/gas phases having the same density, being the fluid thus at a critical pressure, temperature and volume.)  
*d* kritischer Druck *m*  
*f* pression *f* critique  
*p* pressão *f* crítica

- 1642 critical state**  
(Prod.)  
(Pharmaceutical processes; ref. to processing activities: the state of a fluid; see also entry: critical pressure.)  
*d* kritischer Zustand *m*  
*f* état *m* critique  
*p* estado *m* crítico
- 1643 cross-link; cross-linkage**  
(Mol.)  
(Pharmaceutical technology in active principle production: crosswise connecting an atom which connects parallel chains; e.g. formation of a tridimensional polymer by establishing transversal links.)  
*d* Quervernetzung *f*  
*f* réticulation *f*  
*p* reticulação *f*
- \* **cross-linkage** → 1643
- 1644 cross-linkage of DNA-chains**  
(Cyt.)  
(In cancer treatment, to turn impossible copy process of genetic information.)  
*d* Quervernetzung *f* von DNS-Ketten  
*f* réticulation *f* des chaînes de ADN  
*p* reticulação *f* de cadeias de ADN
- 1645 crosslinked** *adj*  
(Mol.)  
(Characteristic of certain PVP-types: crosswise linking atom groups in polymers.)  
*d* vernetzt  
*f* réticulé  
*p* reticulado
- 1646 crosslinked carboxymethylcellulose**  
(Prod.)  
(Auxiliary in pharmaceutical processes/production, e.g. disintegrant in tablet production.)  
*d* vernetzte Carboxymethylcellulose *f*  
*f* carboxyméthylcellulose *f* réticulée; cellulose *f* carboxyméthylique réticulée  
*p* carboximetilcellulose *f* reticulada; celulose *f* de carboximetilo reticulada
- 1647 crosslinked insoluble polyvinylpyrrolidone**  
(Prod.)  
(Pharmaceutical technology; PVP-type; denominated, e.g. crosopolyvidone, crosopovidone, insoluble polyvidone.)  
*d* vernetztes unlösliches Polyvinylpyrrolidon *n*  
*f* polyvinylpyrrolidone *f* réticulée insoluble  
*p* polivinilpirrolidona *f* reticulada insolúvel
- 1648 crosslinked polymer**  
(Prod.)  
(Pharmaceutical technology; ref. to material characteristic: polyvinylpyrrolidone (PVP).)  
*d* vernetztes Polymer *n*  
*f* polymère *m* réticulé  
*p* polímero *m* reticulado
- 1649 crosslinked polyvinylpyrrolidone**  
(Prod.)  
(Pharmaceutical technology; PVP-type; ref. to crosswise linking atom groups in polymers.)  
*d* vernetztes Polyvinylpyrrolidon *n*  
*f* polyvinylpyrrolidone *f* réticulée  
*p* polivinilpirrolidona *f* reticulada
- 1650 crosslinking process of the bacterial wall**  
(Med.)  
(Microbial process within the cells of the organism; in bacterial resistance elaboration against drugs.)  
*d* Vernetzungsprozess *m* der Bakterienwand  
*f* processus *m* de réticulation de la paroi bactérienne  
*p* processo *m* de reticulação da parede bacteriana
- 1651 crushing of medicinal drugs of vegetable origin**  
(Phyto.)  
(Ref. to treatment of drugs of vegetable origin.)  
*d* Zerkleinerung *f* von medizinischen Wirkstoffen pflanzlicher Herkunft; Zerstoßen *n* von medizinischen Wirkstoffen pflanzlicher Herkunft  
*f* concassage *m* des drogues végétales; broyage *m* des drogues d'origine végétale  
*p* trituração *f* de drogas medicinais vegetais; tritura *f* de drogas medicinais de origem vegetal
- 1652 crushing resistance of a tablet**  
(Prod.)  
(Pharmaceutical technology; product characteristic; hardness of a tablet.)  
*d* Zerquetschungswiderstand *m* einer Tablette  
*f* résistance *f* à l'écrasement du comprimé  
*p* resistência *f* ao esmagamento do comprimido
- 1653 cryopreservation; cryoprotection**  
(Prod.)  
(Pharmaceutical processes; ref. to protection from freezing; freeze-drying processes.)  
*d* Cryopräservierung *f*; Cryoschutz *m*  
*f* cryopréservation *f*; cryoprotection *f*  
*p* criopreservação *f*; crioproteção *f*

- \* **cryoprotection** → 1653
- 1654 cryoscopy**  
(Prod.)  
(Pharmaceutical processes; method of molecular weight determination, identification of the lowered freezing points, produced in a liquid by dissolved medicamentous substances.)  
*d* Kryoskopie *f*  
*f* cryoscopie *f*  
*p* crioscopia *f*
- 1655 crystalline** *adj*  
(Prod.)  
(Pharmaceutical chemistry; definition of substances; observe the German *adj.* "kristallin" and not "kristallen", see this entry.)  
*d* kristallin; kristallisch  
*f* cristallin  
*p* cristalino
- \* **crystalline aspect of drug forms** → 1665
- 1656 crystalline beta carotene**  
(Vit.)  
(Vitamin technology; provitamin A used e.g. as a colouring auxiliary.)  
*d* kristallines Beta-Carotin *n*  
*f* bêta-carotène *m* cristallin  
*p* beta-caroteno *m* cristalino
- 1657 crystalline powder**  
(Vit.)  
(Vitamin technology; pharmaceutical vitamin form.)  
*d* kristallines Pulver *n*  
*f* poudre *f* cristalline  
*p* pó *m* cristalino
- \* **crystalline saccharose** → 1662
- 1658 crystalline sorbitol**  
(Vit.)  
(Vitamin technology; product characteristic, C<sub>6</sub>H<sub>14</sub>O<sub>6</sub>; sorbit; increases vitamin absorption in vitamin preparations; see entry: sorbitol.)  
*d* kristalliner Sorbit *m*  
*f* sorbitol *m* cristallin  
*p* sorbitol *m* cristalino
- 1659 crystalline state**  
(Prod.)  
(Pharmaceutical chemistry; substance characteristic.)  
*d* kristallförmiger Zustand *m*; Kristallzustand *m*  
*f* état *m* cristallin
- p* estado *m* cristalino
- 1660 crystalline structure**  
(Enz.)  
(Enzymology; characteristic of natural amino acids.)  
*d* Kristallstruktur *f*  
*f* structure *f* cristalline  
*p* estrutura *f* cristalina
- 1661 crystalline structure of vitamin preparations**  
(Vit.)  
(Vitamin technology; characteristic of vitamin preparations.)  
*d* Kristallstruktur *f* der Vitaminpräparate; kristalline Struktur *f* der Vitaminzubereitungen  
*f* cristallinité *f* des préparations vitaminiques  
*p* cristalinidade *f* dos preparados á base de vitaminas
- 1662 crystalline sucrose; crystalline saccharose**  
(Prod.)  
(Pharmaceutical technology; C<sub>12</sub>H<sub>22</sub>O<sub>11</sub>; sugar; auxiliary in tablet-production, tableting processes.)  
*d* kristalline Saccharose *f*  
*f* saccharose *f* cristalline  
*p* sacarose *f* cristalina
- 1663 crystalline suspensions**  
(Prod.)  
(Pharmaceutical technology, e.g. suspensions for parenteral products.)  
*d* kristalline Suspensionen *fpl*  
*f* suspensions *fpl* cristallines  
*p* suspensões *fpl* cristalinas
- 1664 crystalline vase**  
(Prod.)  
*d* kristallene Vase *f*; kristallische Vase *f*  
*f* vase *m* en cristal  
*p* vaso *m* de cristal
- 1665 crystallinity of drug forms; crystalline aspect of drug forms**  
(Prod.)  
(Pharmaceutical chemistry; product appearance, product characteristic.)  
*d* Kristallinität *f* von Arzneimitteln; kristalliner Aspekt *m* von Arzneimitteln  
*f* cristallinité *f* des formes medicamenteuses; aspect *m* cristallin des formes medicamenteuses  
*p* cristalinidade *f* das formas medicamentosas; aspecto *m* cristalino das formas medicamentosas

- 1666 crystallizable** *adj*  
(Prod.)  
(Pharmaceutical technology; ref. to processes and product characteristics; see also entries on "crystallization".)  
*d* kristallisierbar  
*f* cristallisable  
*p* cristalisável
- 1667 crystallization of nicotinamide**  
(Vit.)  
(Vitamin technology; ref. to nicotinamide-separation processes (vitamin B<sub>3</sub>); in vitamin biochemistry.)  
*d* Kristallisation *f* des Nicotinsäureamids  
*f* cristallization *f* de la nicotinamide  
*p* cristalização *f* da nicotinamida
- 1668 crystallization retarder in suspensions**  
(Prod.)  
(Pharmaceutical technology, ref. to certain auxiliaries.)  
*d* Kristallisationsverzögerer *m* in Lösungen  
*f* retardateur *m* de la cristallization dans des solutions  
*p* retardador *m* de cristalização em soluções
- 1669 crystallization retarders**  
(Prod.)  
(Pharmaceutical technology; auxiliary; e.g. polyvinylpyrrolidone (PVP).)  
*d* Kristallisationsverzögerer *m/impl*  
*f* retardateurs *impl* de cristallization  
*p* retardadores *impl* de cristalização
- 1670 crystallize v out**  
(Prod.)  
(Pharmaceutical chemistry; a form of separation (e.g. under drying).)  
*d* auskristallisieren  
*f* se séparer à l'état cristallin  
*p* separar-se em estado cristalino
- 1671 crystalloid**  
(Prod.)  
(Pharmaceutical chemistry; substance with a crystal-like structure.)  
*d* Kristalloid *n*  
*f* cristalóide *m*  
*p* cristalóide *m*
- 1672 crystals melting under decomposition**  
(Prod.)  
(Pharmaceutical chemistry; ref. to processes and characteristic of certain crystals.)  
*d* unter Zerfall schmelzende Kristalle *impl*  
*f* cristaux *impl* fondant sous décomposition  
*p* cristais *impl* fundendo sob decomposição;
- cristais *impl* que fundem sob decomposição
- 1673 crystal suspensions**  
(Prod.)  
(Pharmaceutical chemistry; crystalline suspensions; product characteristic.)  
*d* Kristallsuspensionen *fpl*  
*f* suspensions *fpl* en cristaux  
*p* suspensões *fpl* de cristais
- 1674 culture filtrate**  
(Prod.)  
(Pharmaceutical technology.)  
*d* Kulturfiltrat *n*  
*f* filtrat *m* de culture  
*p* filtrado *m* de cultura
- 1675 culture medium**  
(Prod.)  
(Pharmaceutical technology; nutrient media for development of microorganisms, germs.)  
*d* Nährboden *m*  
*f* milieu *m* de culture  
*p* meio *m* de cultura
- 1676 culture medium containing agar**  
(Prod.)  
(Pharmaceutical technology; e.g. ref. to culture processes of germs for cultivation in nutrient media.)  
*d* Agar-Agar enthaltender Nährboden *m*  
*f* milieu *m* de culture en agar-agar; milieu *m* de culture gélose  
*p* meio *m* de cultura à base de ágar-ágar
- 1677 culture of living cells**  
(Enz.)  
(Biotechnology; basis of biotechnological research and production for industrial exploitation.)  
*d* Kultur *f* lebender Zellen  
*f* culture *f* des cellules vivantes  
*p* cultura *f* das células vivas
- \* **cumarin** → 1621
- 1678 cumulation effect of antibiotics**  
(Ant.)  
(Ref. to the (toxic) effect of cumulated and not excreted antibiotics in the body.)  
*d* Kumulationsauswirkung *f* von Antibiotika  
*f* effet *m* de cumulation des antibiotiques  
*p* efeito *m* de acumulação dos antibióticos
- 1679 cumulative effect**  
(Prod.)  
(Pharmaceutical technology.)  
*d* kumulative Wirkung *f*

- f* effet *m* cumulatif  
*p* efeito *m* cumulativo
- \* **curable organic change** → 5479
- \* **curative effect of an antibiotic** → 461
- 1680 custom-produced blends of vitamins**  
 (Vit.)  
 (Pharmaceutical technology applied in the production, under request, of vitamin preparations.)  
*d* kundenorientierte Vitaminmischungen *fpl*  
*f* mélanges *mpl* vitaminiques sur mesure de la commande  
*p* misturas *fpl* vitamínicas sob encomenda
- 1681 cutaneomucosal symptoms**  
 (Vit.)  
 (Due to vitamin B<sub>12</sub>-deficiency.)  
*d* haut-schleimhautbezügliche Symptome *npl*  
*f* symptômes *mpl* cutané-muqueux  
*p* sintomas *mpl* cutâneo-mucosos
- 1682 cutaneous administering of a pharmaceutical form**  
 (Med.)  
 (See entry: way of administering a pharmaceutical form.)  
*d* durch die Haut *f* zu verabreichende pharmazeutischen Form  
*f* administration *f* cutanée d'une forme pharmaceutique  
*p* via *f* cutânea de administração de uma forma farmacêutica
- 1683 cutaneous affections**  
 (Vit.)  
 (Skin disease, e.g. due to vitamin deficiencies.)  
*d* Hauterkrankungen *fpl*  
*f* affections *fpl* cutanées  
*p* afeções *fpl* cutâneas
- 1684 cutaneous application**  
 (Prod.)  
 (Pharmaceutical chemistry; ref. e.g. to ointments creams, pomades etc.)  
*d* Hautauftrag *m*  
*f* application *f* cutanée  
*p* aplicação *f* cutânea
- 1685 cutaneous hyperkeratosis due to vitamin A deficiency**  
 (Vit.)  
 (Vitamin physiology; deficiency disease caused by lack of vitamin A.)
- d* Hyperkeratose *f* der Haut infolge von Vitamin A-Mangel  
*f* hyperkératose *f* cutanée par suite de l'avitaminose de la vitamine A  
*p* hiperqueratose *f* cutânea em consequência da avitaminose de vitamina A
- 1686 cutaneous sensitizing properties**  
 (Med.)  
 (Characteristic of active principles.)  
*d* hautsensibilisierende Eigenschaften *fpl*  
*f* pouvoir *m* sensibilisant cutané  
*p* propriedades *fpl* sensibilizantes cutâneas
- 1687 cyanoacetamide**  
 (Vit.)  
 (C<sub>3</sub>H<sub>4</sub>N<sub>2</sub>O; e.g. in the synthesis run of vitamin B<sub>6</sub> (see entry), pyridoxine hydrochloride, for which it is the starting material.)  
*d* Cyanocetamid *n*  
*f* cyanoacétamide *f*  
*p* cianoacetamida *f*
- 1688 cyanocobalamin**  
 (Vit.)  
 (C<sub>63</sub>H<sub>90</sub>CoN<sub>14</sub>O<sub>14</sub>P; vitamin B<sub>12</sub> derivative; e.g. treatment/prophylaxis of pernicious anemia.)  
*d* Cyanocobalamin *n*  
*f* cyanocobalamine *f*  
*p* cianocobalamina *f*
- \* **cyanocobalamin, essential in the production of nucleoproteins** → 6744
- 1689 cyanocobalamin in gelatin[e]**  
 (Vit.)  
 (Vitamin technology; C<sub>63</sub>H<sub>90</sub>CoN<sub>14</sub>O<sub>14</sub>P, vitamin B<sub>12</sub> embedded in gelatin.)  
*d* Cyanocobalamin *n* in Gelatine  
*f* cyanocobalamine *f* dans de gélatine  
*p* cianocobalamina *f* em gelatina
- \* **cyanocobalamin, water soluble** → 6743
- \* **cycle rotation** → 5509
- 1690 cycle suppression**  
 (Mol.)  
 (Ref. to certain kind of molecule modification, ref. to a compound that has a ring (or various rings) of atoms in its molecule.)  
*d* Suppression *f* von Zyklen; Kreislauf-Unterdrückung *f*; Unterdrückung *f* von Zyklen  
*f* suppression *f* de cycles  
*p* supressão *f* de ciclos



- 1691 cyclic** *adj*  
(Mol.)  
(Ref. to a chemical compound with an atom ring in its molecule; homocyclic: the atoms in the ring are the same: e.g. benzene (C<sub>6</sub>H<sub>6</sub>); heterocyclic: there are different atoms in the ring, e.g. pyridine (C<sub>5</sub>H<sub>5</sub>N).)  
*d* zyklisch  
*f* cyclique  
*p* ciclico
- 1692 cyclic adenosine monophosphate**  
(Horm.)  
(Cyclic AMP (cAMP); originating in the cellular metabolism, is important for the intracellular mediation of hormonal effects; also: secondary messenger.)  
*d* zyklisches Adenosinmonophosphat *n*  
*f* monophosphate *m* d'adénosine cyclique  
*p* monofosfato *m* de adenosina ciclico
- 1693 cyclic hydrocarbons**  
(Mol.)  
(See entry: hydrocarbons; cyclic: containing an atom ring in the molecule.)  
*d* zyklische Kohlenwasserstoffe *mpl*  
*f* hydrocarbures *mpl* cycliques  
*p* hidrocarbonos *mpl* ciclicos
- 1694 cyclooxygenase**  
(Enz.)  
(The enzyme cyclooxygenase intervenes in the release of pain-transmitting prostaglandines.)  
*d* Cyclooxygenase *f*  
*f* cyclooxygénase *f*  
*p* ciclo-oxigenase *f*
- 1695 cyclophosphamide**  
(Cyt.)  
(C<sub>7</sub>H<sub>15</sub>Cl<sub>2</sub>N<sub>2</sub>O<sub>2</sub>P; medicamentous substance; cytostatic; see this entry.)  
*d* Cyclophosphamid *n*  
*f* cyclophosphamide *m*  
*p* ciclofosfamida *f*
- 1696 cysteine**  
(Enz.)  
(C<sub>3</sub>H<sub>7</sub>NO<sub>2</sub>S; a sulphur-containing amino acid.)  
*d* Zystein *n*; Cystein *n*  
*f* cystéine *f*  
*p* cisteína *f*
- 1697 cystic duct**  
(Anat.)  
(Joining the common hepatic duct, forming the common bile duct: bile movement in and out of the gall bladder.)  
*d* Gallenblasengang *m*  
*f* canal *m* cystique  
*p* canal *m* cístico
- 1698 cystine**  
(Enz.)  
(C<sub>6</sub>H<sub>12</sub>N<sub>2</sub>O<sub>4</sub>S<sub>2</sub>; sulphur containing amino acid, common in proteins.)  
*d* Zystin *n*  
*f* cystine *f*  
*p* cistina *f*
- 1699 cytidine**  
(Cyt.)  
(C<sub>9</sub>H<sub>13</sub>N<sub>3</sub>O<sub>5</sub>; cytosine riboside.)  
*d* Zytidin *n*  
*f* cytidine *f*  
*p* citidina *f*
- 1700 cytochrome**  
(Enz.)  
(Respiratory pigment found in nearly all cells, executing the task of an enzyme, promoting electron transport.)  
*d* Zytochrom *n*  
*f* cytochrome *m*  
*p* citocromo *m*
- 1701 cytochrome oxidase**  
(Enz.)  
(Respiratory enzyme in the cells, see entry: cytochrome.)  
*d* Zytochromoxidase *f*  
*f* oxydase *f* du cytochrome  
*p* oxidase *f* do citocromo
- 1702 cytogenetic examination**  
(Cyt.)  
(Cytogenetics; examination of genetics as inheritance, related to the cells.)  
*d* zytogenetische Untersuchung *f*  
*f* examen *m* cytogénétique  
*p* exame *m* citogenético
- 1703 cytogenetics**  
(Cyt.)  
(Cytogenetics: science of interrelationship between genetics and cell structure.)  
*d* Zytogenetik *f*  
*f* cytogénétique *f*  
*p* citogenética *f*
- \* **cytogenic studies** → 1704

- 1704 cytogenous studies; cytogenic studies**  
(Cyt.)  
(Ref. to toxicological studies with pharmaceutical and chemical substances; cytogenetics is the study which combines genetics (inheritance) with cytology (study of the cells).)  
*d* zytogene Untersuchungen *fpl*; die Zellentwicklung *f* betreffende Untersuchungen  
*f* recherches *fpl* cytogéniques  
*p* estudios *mpl* citogenéticos
- 1705 cytokinesis**  
(Cyt.)  
(Cell/cytoplasm movement in cell/nuclear division processes.)  
*d* Zytokinetik *f*  
*f* cytokinèse *f*  
*p* citocinética *f*
- \* **cytology** → 5973
- 1706 cytoplasm**  
(Cyt.)  
(Substance surrounding the nucleus of the cell.)  
*d* Zytoplasma *n*  
*f* cytoplasme *m*  
*p* citoplasma *m*
- 1707 cytoplasmic protein-kinase**  
(Horm.)  
(Hormone biochemistry; ref. to hormone/receptor cell activity.)  
*d* zytoplasmatische Proteinkinase *f*  
*f* protéine-kinase *f* cytoplasmique  
*p* proteino-quinase *f* citoplásmica
- 1708 cytosine**  
(Cyt.)  
(C<sub>4</sub>H<sub>5</sub>N<sub>3</sub>O, pyrimidine base, one of the bases of the genetic codes, e.g. present in DNA and pairing with RNA-guanine.)  
*d* Zytosin *n*  
*f* cytosine *f*  
*p* citosina *f*
- 1709 cytosol; hyaloplasm**  
(Cyt.)  
(Cytoplasm fluid part, without organelles etc, called also "ground substance".)  
*d* Hyaloplasma *n*  
*f* cytosol *m*  
*p* hialoplasma *m*; paroplasma *m*; enquilema *m*
- 1710 cytosol enzyme**  
(Enz.)  
(Main enzyme in the metabolism of red cells and the pentose phosphate cycle.)  
*d* Enzym *n* des Hialoplasmas  
*f* enzyme *m* du cytosol  
*p* enzima *f* do hialoplasma
- 1711 cytostatic**  
(Pharm.)  
(Medicinal drug, retarding cell multiplication: in cytostatic treatment of tumor cells.)  
*d* Zytostatikum *n*; Zytostatika *npl*; zytostatisches Arzneimittel *n*  
*f* médicament *m* cytostatique  
*p* medicamento *m* citostático

# D

- 1712 daily drug dose**  
(Pharm.)  
(Meaning the total number of daily single doses.)  
*d* Arzneimitteltagesdosis *f*  
*f* dose *f* journalière d'un médicament  
*p* dose *f* diária de um medicamento
- 1713 daily recommended vitamin requirements**  
(Vit.)  
(Ref. to supplementation of vitamins for hypovitaminosis treatment.)  
*d* empfohlene tägliche Vitaminbedarfsmenge *f*  
*f* dose *f* vitaminique quotidienne recommandée  
*p* dose *f* diária recomendada de vitaminas
- 1714 damping; attenuation**  
(Prod.)  
(Pharmaceutical technology; of waves, e.g. sound.)  
*d* Dämpfung *f*; Dämpfen *n*; Abschwächung *f*  
*f* amortissement *m*; affaiblissement *m*  
*p* amortecimento *m*; atenuação *f*
- \* **dampness** → 3232
- 1715 dandelion; lion's tooth**  
(Phyto.)  
(Medicinal herb "Taraxacum officinale"; use as diuretic, depurative, stimulation of biliar secretion.)  
*d* Löwenzahn *m*  
*f* dent-de-lion *f*; pissenlit *m*  
*p* dente-de-leão *m*
- 1716 danger of cumulative effects**  
(Vit.)  
(E.g. of certain vitamins.)  
*d* Gefahr *f* kumulativer Wirkung  
*f* danger *m* d'effets cumulatifs  
*p* perigo *m* de efeitos cumulativos
- \* **dative covalent bond** → 1586
- \* **DDT** → 1902
- 1717 deacidification**  
(Prod.)  
(Pharmaceutical technology; e.g. ref. to neutralization processes.)  
*d* Entsäuerung *f*  
*f* désacidification *f*  
*p* desacidificação *f*
- 1718 deacidification agent**  
(Prod.)  
(Pharmaceutical technology; e.g. ref. to neutralization processes.)  
*d* Entsäuerungsmittel *n*  
*f* agent *m* désacidifiant  
*p* agente *m* desacidificante; agente *m* de desacidificação
- 1719 deacidified solution**  
(Prod.)  
(Pharmaceutical technology; e.g. ref. to neutralization processes.)  
*d* entsäuerte Lösung *f*  
*f* solution *f* désacidifiée  
*p* solução *f* desacidificada
- 1720 deadly nightshade**  
(Phyto.)  
(Medicinal plant; belladonna leaf, poison black cherry; "Atropa belladonna L., Solanaceae"; medicamentous substance: atropine, scopolamine.)  
*d* Tollkirsche *f*  
*f* belladone *f*  
*p* beladona *f*
- 1721 dead vaccine**  
(Prod.)  
(Based on killed pathogens.)  
*d* Totimpfstoff *m*  
*f* vaccin *m* mort  
*p* vacina *f* morta
- 1722 deamidizing enzymes**  
(Enz.)  
(Enzymology: converting amino acids into ammonia compounds.)  
*d* desamidierende Enzyme *npl*  
*f* enzymes *mpl* désamidants  
*p* enzimas *fpl* desamidantes
- 1723 deaminase**  
(Enz.)  
(An amino acids hydrolyzing enzyme, with removal of -NH<sub>2</sub> (amino group); see entries: oxidative deamination and reductive deamination.)  
*d* Desaminase *f*  
*f* désaminase *f*  
*p* desaminase *f*
- 1724 decalcification**  
(Prod.)  
(Pharmaceutical technology; ref. to removal of calcium.)

- d* Wasserentkalkung *f*  
*f* décalcification *f*  
*p* descalcificação *f*
- 1725 decantation; drawing off a liquid**  
 (Enz.)  
 (Biotechnology; separation of liquids from its sediments.)  
*d* Dekantieren *n*; Dekantation *f*; Abklären *n*; Abgießen *n*  
*f* décantage *m*; décantation *f*  
*p* decantação *f*
- 1726 decantation; pouring a liquid from one vessel into another**  
 (Enz.)  
 (Biotechnology; see also the entry: decantation; drawing off a liquid.)  
*d* Umgießen *n*; Umfüllung *f*  
*f* transvasement *m*; soutirage *m*  
*p* transvasamento *m*
- 1727 decarbonization**  
 (Prod.)  
 (Pharmaceutical technology; e.g. ref. to processes of removal of carbon dioxide (gas CO<sub>2</sub>) or carbonic acid (H<sub>2</sub>CO<sub>3</sub>).)  
*d* Dekarbonisierung *f*; Entkohlung *f*  
*f* décarbonisation *f*  
*p* decarbonização *f*
- 1728 decarboxylase**  
 (Enz.)  
 (Ref. to vitamin technology, vitamin B<sub>1</sub>-processes: enzyme that splits off CO<sub>2</sub>-groups from organic acids. Enzymes which accelerate the decarboxylation process of amino acids.)  
*d* Decarboxylase *f*  
*f* décarboxylase *f*  
*p* decarboxilase *f*
- 1729 decarboxylation**  
 (Enz.)  
 (Coenzyme A activity: ref. to the Krebs-cycle.)  
*d* Decarboxilierung *f*  
*f* décarboxylation *f*  
*p* decarboxilação *f*
- 1730 decarboxylation into dopamine**  
 (Horm.)  
 (Decarboxylation: carboxyl-elimination from a molecule; ref. here to phases of synthesizing catecholamines.)  
*d* Decarboxilierung *f* zu Dopamin  
*f* décarboxylation *f* en dopamine  
*p* decarboxilação *f* para dopamina
- 1731 decline of hormone concentration**  
 (Horm.)  
 (Ref. to the hormone level in the organism.)  
*d* Einbruch *m* der Hormonkonzentration  
*f* chute *f* de la concentration hormonale; baisse *f* de la concentration hormonale  
*p* declínio *m* de concentração hormonal
- 1732 declining phase in the growth of microorganisms**  
 (Enz.)  
 (Biotechnology; ref. to microbial cultures in research and production processes.)  
*d* abnehmende Phase *f* des Mikroorganismenwachstums; abfallende Phase *f* des Mikroorganismenwachstums  
*f* phase *f* de déclin de la croissance des microorganismes  
*p* fase *f* de declínio no crescimento dos microorganismos
- 1733 decoction of medicinal plants**  
 (Phyto.)  
 (Ref. to treatment of drugs of vegetable origin: extraction processes by boiling.)  
*d* Abkochung *f* von Heilpflanzen  
*f* décoction *f* des plantes médicinales  
*p* decocção *f* de plantas medicinais
- 1734 decompose v**  
 (Prod.)  
 (Pharmaceutical chemistry; e.g. decompose the component parts of a compound.)  
*d* trennen; spalten; zerlegen; zersetzen  
*f* décomposer  
*p* decompor; separar
- 1735 decompose v azeotropic mixtures in their components**  
 (Enz.)  
 (Biotechnology; by means of: azeotropic distillation; see this entry. Use e.g. in production of anhydrous alcohol.)  
*d* azeotrope Gemische in ihre Bestandteile zerlegen  
*f* décomposer des mélanges azeotropes en ses composants  
*p* decompor misturas azeotrópicas em suas componentes
- 1736 decomposing excipients for suppositories**  
 (Prod.)  
 (Pharmaceutical technology: decomposing by dissolution or emulsifying effect in the rectum.)  
*d* zerfallbare Trägersubstanz *f* für Zäpfchen; zersetzbare Trägersubstanz *f* für Zäpfchen

- f* excipient *m* désagrégant pour suppositoires  
*p* excipiente *m* de desintegração para supositórios
- 1737 decomposition**  
 (Prod.)  
 (Pharmaceutical chemistry; to break down, break up, dissolve substances.)  
*d* Aufschluss *m*  
*f* décomposition *f*  
*p* decomposição *f*
- \* **decomposition by the action of radiation** → 5221
- 1738 decomposition of ascorbic acid**  
 (Vit.)  
 (Vitamin biochemistry: product characteristic; in this specific case: vitamin C decomposition.)  
*d* Abbau *m* von Ascorbinsäure; Zerfall *m* von Ascorbinsäure  
*f* décomposition *f* d'acide ascorbique  
*p* decomposição *f* do ácido ascórbico
- 1739 decomposition of components**  
 (Vit.)  
 (Pharmaceutical production, e.g. vitamin production.)  
*d* Dekomposition *f* der Komponenten; Bestandteilezerfall *m*  
*f* décomposition *f* des composants  
*p* decomposição *f* dos componentes
- 1740 decomposition of glycogen**  
 (Horm.)  
 (Ref. to the opposite activity of glucagon and insulin in the control of glyc[a]emia.)  
*d* Zersetzung *f* von Glykogen  
*f* dégradation *f* du glycogène  
*p* decomposição *f* do glicogênio
- 1741 decompression**  
 (Prod.)  
 (Pharmaceutical processes; cessation or reduction of compressure, of gas pressure.)  
*d* Dekompression *f*;  
 Kompressionsverminderung *f*  
*f* décompression *f*  
*p* descompressão *f*
- 1742 deconcentration as a hom[o]eopathic technique**  
 (Homoeop.)  
 (Hom[o]eopathic production process.)  
*d* Dekonzentration *f* als eine homöopathische Technik; Dekonzentrierung *f* als eine homöopathische Technik
- f* déconcentration *f* comme une technique homéopathique  
*p* desconcentração *f* como uma técnica homeopática
- 1743 decontamination**  
 (Prod.)  
 (Pharmaceutical processes; ref. to elimination from the environment of contaminated substances etc.)  
*d* Dekontaminierung *f*; Entseuchung *f*  
*f* décontamination *f*  
*p* descontaminação *f*
- 1744 decortication of medicinal plants**  
 (Phyto.)  
 (Preparation processes for obtention of the active principles.)  
*d* Entrindung *f* von Heilpflanzen; Entrinden *n* von Heilpflanzen  
*f* décortication *f* de plantes médicinales  
*p* descorticação *f* de plantas medicinais; descascamento *m* de plantas medicinais
- 1745 decrease in drainage resistance of the aqueous humour**  
 (Pharm.)  
 (Ref. to the drainage of the aqueous humour due to eye drop activity in glaucoma treatment, for obtention of an intraocular hypotensive effect.)  
*d* Verringerung *f* des Abflusswiderstandes der Augenkammerflüssigkeit  
*f* diminution *f* de la résistance au écoulement de l'humeur aqueuse  
*p* diminuição *f* na resistência do escoamento do humor aquoso
- 1746 decrease in potassium resorption during laxative abuse**  
 (Pharm.)  
 (A condition as a result of abuse of laxatives.)  
*d* Abnahme *f* der Kaliumresorption durch Abfürmittelmisbrauch  
*f* diminution *f* de la résorption du potassium par abus des laxatifs  
*p* diminuição *f* da resorção do potássio durante abuso com laxativos
- \* **decrease in vitamin concentration** → 2098
- 1747 decrease of the hormone level; reduction of the hormonal level**  
 (Horm.)  
 (Hormone biochemistry for hormone therapy.)  
*d* Absinken *n* des Hormonspiegels; Verminderung *f* des Hormonspiegels

- f* diminution *f* du niveau hormonal; baisse *f* du niveau hormonal  
*p* diminuição *f* do nível hormonal; baixa *f* do nível hormonal
- 1748 decreasing efficacy**  
 (Pharm.)  
 (Ref. to (long term) drug activity on the target-organ.)  
*d* abnehmende Wirkung *f*  
*f* efficacité *f* diminuante  
*p* eficácia *f* decrescente
- 1749 defect of the enzyme; enzymatic defect**  
 (Enz.)  
 (Enzymology; such a defect can eventually influence the drug tolerance of the body.)  
*d* Enzymschaden *m*; Enzymdefekt *m*  
*f* défaut *m* enzymatique  
*p* defeito *m* da enzima
- 1750 deficiency**  
 (Vit.)  
 (E.g. vitamin deficiency.)  
*d* Mangel *m*  
*f* carence *f*  
*p* carência *f*
- 1751 deficiency effect; deficiency symptom**  
 (Vit.)  
 (E.g. ref. to vitamin deficiencies.)  
*d* Mangelauswirkung *f*; Mangellerscheinung *f*; Mangelsymptom *n*  
*f* effet *m* de carence; symptôme *m* de carence  
*p* efeito *m* de carência; sintoma *m* de carência
- 1752 deficiency of ...**  
 (Vit.)  
 (E.g.: of vitamins.)  
*d* Mangel *m* an ...  
*f* carence *f* en ...  
*p* carência *f* de ...
- 1753 deficiency of biotin-dependent carboxylase**  
 (Vit.)  
 (Vitamin H deficiency; a severe genetic defect in biotin metabolism, to be corrected by biotin administration.)  
*d* Mangel *n* an biotinabhängiger Carboxylase  
*f* carence *f* en carboxylase biotine-dépendante  
*p* carência *f* de carboxilase biotina-dependente
- 1754 deficiency of enzymes**  
 (Enz.)  
 (Ref. to vitamin biochemistry/physiology.)  
*d* Enzym-Mangel *m*  
*f* déficience *f* en enzymes  
*p* insuficiência *f* de enzimas
- 1755 deficiency of magnesium induced by diuretics; hypomagnesemia induced by diuretics**  
 (Pharm.)  
 (Hypomagnesemia leads to hypokalaemia and inhibits correction of potassium deficiency.)  
*d* Mangel *m* an Magnesium bedingt durch Diuretika; Hypomagnesämie *f* bedingt durch Diuretika  
*f* carence *f* en magnésie dû à des diurétiques; hypomagnésémie *f* dû à des diurétiques  
*p* carência *f* de magnésio induzida por diuréticos; hipomagnesemia *f* induzida por diuréticos
- 1756 deficiency of vitamin absorption**  
 (Vit.)  
 (Vitamin physiology; deficiencies due to diseases.)  
*d* Vitaminabsorptions-Mangel *m*; Vitaminaufnahme-Mangel *m*  
*f* défaut *m* d'absorption vitaminique  
*p* deficiência *f* de absorção de vitaminas
- 1757 deficiency of vitamin K leads to h[æ]morrhagic syndromes**  
 (Vit.)  
 (Vitamin physiology; see also entry: antihemorrhagic vitamin – vitamin K.)  
*d* Mangel *m* an Vitamin K führt zu hämorrhagischen Syndromen  
*f* carence *f* en vitamine K conduit aux syndromes hémorragiques  
*p* carência *f* de vitamina K conduz às síndromes hemorrágicas
- 1758 deficiency pathology**  
 (Med.)  
 (E.g. ref. to vitamin deficiency.)  
*d* Mangelpathologie *f*  
*f* pathologie *f* de carence  
*p* patologia *f* de carência
- 1759 deficiency reaction**  
 (Vit.)  
 (Vitamin physiology; vitamin deficiency reaction.)  
*d* Mangelreaktion *f*  
*f* réaction *f* de carence  
*p* reação *f* de deficiência
- \* **deficiency symptom** → 1751
- 1760 deficit in vitamins; lack of vitamins**  
 (Vit.)  
 (Vitamin physiology; e.g. due to deficient nutrition.)  
*d* Defizit *n* an Vitaminen; Fehlgehalt *m* an Vitaminen

- f* déficit *m* vitamínique; manque *m* de vitamines  
*p* déficit *m* de vitaminas
- 1761 define v the medium particle thickness of a pharmaceutical powder**  
 (Prod.)  
 (Pharmaceutical technology: ref. to screening processes, sifting processes.)  
*d* Teilchen-Durchschnittsdicke *f*  
 pharmazeutischer Pulver bestimmen  
*f* définir la grosseur moyenne des particules d'une poudre pharmaceutique  
*p* definir a grossura média das partículas de um pó farmacêutico
- 1762 definition of structure/activity relationship**  
 (Prod.)  
 (Pharmaceutical technology.)  
*d* Feststellung *f* des Verhältnisses Struktur/Wirkung  
*f* définition *f* des relations entre structure et activité  
*p* definição *f* das relações estrutura/atividade
- 1763 definitive compression**  
 (Prod.)  
 (Pharmaceutical processes: there may be various compression operations for powder preparation before the definitive one.)  
*d* endgültige Kompression *f*; endgültige Verpressung *f*  
*f* compression *f* définitive  
*p* compressão *f* definitiva
- 1764 definitive host**  
 (Med.)  
 (Bacteriology; where the parasite has its sexual reproduction.)  
*d* Hauptwirt *m*  
*f* hôte *m* primaire; hôte *m* définitif  
*p* hospedeiro *m* definitivo
- 1765 deflocculate v**  
 (Prod.)  
 (Pharmaceutical chemistry; inversion of flocculate, e.g. deflocculate an agglomerate.)  
*d* entlocken  
*f* défloculer  
*p* desflocular
- 1766 deformation of the electron cloud**  
 (Mol.)  
 (Dielectric polarization; see entry: polarization.)  
*d* Deformation *f* der Elektronenhülle; Verformung *f* der Elektronenwolke  
*f* déformation *f* de la nuage d'électrons  
*p* deformação *f* da nuvem de elétrons
- 1767 deformation of the electron cloud by reciprocal atom-approximation**  
 (Mol.)  
 (Ref. to the origin of chemical binding forces, see this entry.)  
*d* Verformung *f* der Elektronenhülle durch gegenseitige Atom-Annäherung  
*f* déformation *f* de la nuage d'électrons par le rapprochement réciproque des atomes  
*p* deformação *f* da nuvem de elétrons pela aproximação recíproca dos átomos
- 1768 deformation of the receptor structure**  
 (Pharm.)  
 (Ref. to the activity of certain medicamentous principles in the organism.)  
*d* Verformung *f* der Rezeptorstruktur; Verformung *f* des Rezeptorenaufbaues  
*f* déformation *f* de la structure du récepteur  
*p* deformação *f* da estrutura do receptor
- 1769 degeneration reaction**  
 (Enz.)  
 (Ref. to biochemical reactions in biotechnology.)  
*d* Zerfallreaktion *f*  
*f* réaction *f* de dégradation  
*p* reação *f* de degradação
- 1770 degradation by various microorganisms**  
 (Prod.)  
 (Pharmaceutical technology.)  
*d* Degradierung *f* durch verschiedene Mikroorganismen; Zerfall *m* durch verschiedene Mikroorganismen  
*f* dégradation *f* par divers micro-organismes  
*p* degradação *f* por diversos microorganismos
- 1771 degradation of disaccharides**  
 (Pharm.)  
 (In diabetes, treatment to be avoided/lowered down by antidiabetics.)  
*d* Abbau *m* von Disacchariden  
*f* dégradation *f* des disaccharides  
*p* degradação *f* dos dissacarídeos
- 1772 degradation process within a pharmaceutical medium**  
 (Prod.)  
 (Pharmaceutical chemistry: prevention by biologic stabilizers.)  
*d* Zerfallsprozess *m* innerhalb eines pharmazeutischen Mediums  
*f* processus *m* de dégradation à l'intérieur d'un milieu pharmaceutique  
*p* processo *m* de degradação dentro de um meio farmacêutico

- 1773 degradation product**  
(Prod.)  
(Pharmaceutical technology; product type.)  
*d* Abbauprodukt *n*  
*f* produit *m* de dégradation  
*p* produto *m* de degradação
- \* **degree of alcohol concentration** → 256
- 1774 degree of complexation**  
(Prod.)  
(Pharmaceutical technology: complexation of drugs with an auxiliary to improve characteristics of the active substance.)  
*d* Grad *m* der Komplexbildung; Grad *m* der Komplexierung  
*f* degré *m* do pouvoir complexant  
*p* grau *m* do poder complexante
- 1775 dehydrated homeopathic drug**  
(Hom[oe]op.)  
(Hom[oe]opathic prime material form, after maceration processes.)  
*d* dehydrierte homöopathische Droge *f*;  
entwässerte homöopathische Droge *f*  
*f* drogue *f* homéopathique deshydratée  
*p* droga *f* homeopática desidratada
- 1776 dehydration**  
(Prod.)  
(Pharmaceutical technology; elimination-reaction, splitting off water from a compound.)  
*d* Dehydratation *f*; Dehydratisierung *f*;  
Wasserentziehung *f*; Wasserentzug *m*  
*f* déshydratation *f*; hydro-extraction *f*  
*p* desidratação *f*
- 1777 dehydroascorbic acid**  
(Vit.)  
(C<sub>6</sub>H<sub>6</sub>O<sub>6</sub>; the reversibly oxidized form of ascorbic acid (vitamin C).)  
*d* Dehydroascorbinsäure *f*  
*f* déshydroacide *m* ascorbique  
*p* ácido *m* deshidro ascórbico
- 1778 dehydrogenases *pl***  
(Enz.)  
(Vitamin B<sub>1</sub> dehydrating enzyme, e.g. pyruvate-dehydrogenase. This enzyme removes hydrogen (H) from the substrate (oxidation process). There exist specific dehydrogenases: e.g. lactic dehydrogenase.)  
*d* Dehydrogenasen *fpl*; Dehydrasen *fpl*  
*f* déshydrogénases *fpl*; déhydrases *fpl*  
*p* deshidrogenases *fpl*
- 1779 dehydrogenation**  
(Prod.)  
(Pharmaceutical chemistry; ref. to the elimination of hydrogen from an active principle compound.)  
*d* Dehydrogenisierung *f*; Wasserstoffentzug *m*  
*f* deshydrogénation *f*; déhydrogénation *f*  
*p* desidrogenação *f*
- 1780 dehydropeptidase**  
(Enz.)  
(An enzyme, acting on dehydrated peptides.)  
*d* Dehydropeptidase *f*  
*f* deshydropeptidase *f*  
*p* dehidropeptidase *f*
- 1781 dehydroretinol**  
(Vit.)  
(Vitamin biochemistry; C<sub>20</sub>H<sub>28</sub>O; vitamin A<sub>2</sub>; shows ca. 40% of crystalline vitamin A-activity.)  
*d* Dehydroretinol *m*  
*f* déhydrorétinol *m*  
*p* deídretinol *m*
- \* **dehydroretinol** → 6688
- 1782 delayed bioavailability in tablets**  
(Vit.)  
(Vitamin technology: e.g. ref. to vitamin tablets, bioavailability of the pure vitamin substance within the ready drug form.)  
*d* verzögerte Bioverfügbarkeit *f* in Tabletten;  
verzögerte Biodisponibilität *f* in Tabletten  
*f* biodisponibilité *f* retardée dans des comprimés  
*p* biodisponibilidade *f* retardada em comprimidos
- 1783 delayed cellular immune reaction**  
(Med.)  
(Hypersensitivity reaction type, e.g. ref. to rejection processes in transplantations.)  
*d* verzögerte zelluläre Immunreaktion *f*  
*f* immunoréaction *f* cellulaire retardée  
*p* imunorreacção *f* celular retardada
- 1784 delayed release**  
(Prod.)  
(Pharmaceutical technology; tablet property, releasing the active agent gradually.)  
*d* verzögerte Freigabe *f*  
*f* retardement *m* de la libération  
*p* retardamento *m* da liberação; retardamento *m* da disponibilidade
- \* **delay in boiling** → 5442



- 1785 deleterious effects of antibiotics on the kidneys**  
(Ant.)  
(Ref. to possible side-effects of a drug.)  
*d* gesundheitsschädliche Wirkung *f* der Antibiotika auf die Nieren  
*f* effets *mpl* délétères des antibiotiques sur les reins  
*p* efeitos *mpl* deletérios de antibióticos sobre os rins
- 1786 demethylation of trigonelline to nicotinic acid; demethylation of trigonelline to vitamin B<sub>3</sub>**  
(Vit.)  
(Vitamin technology; occurs in coffee roasting processes. The roasting number of coffee is defined as ratio trigonelline/nicotinic acid plus nicotinamide.)  
*d* Demethylation *f* von Trigonellin zu Nicotinsäure; Demethylation *f* von Trigonellin zu Vitamin B<sub>3</sub>  
*f* démethylation *f* de trigonelline en acide nicotinique; démethylation *f* de trigonelline en vitamine B<sub>3</sub>  
*p* demetilação *f* de trigonelina para ácido nicotínico; demetilação *f* de trigonelina para vitamina B<sub>3</sub>
- \* **demethylation of trigonelline to vitamin B<sub>3</sub>**  
→ 1786
- 1787 demineralization**  
(Homoeop.)  
(Hom[o]eopathic process for elimination of mineral salts from potable water, by passing the water over ion exchange resins.)  
*d* Entmineralisierung *f*  
*f* déminéralisation *f*  
*p* desmineralização *f*
- 1788 demineralized water**  
(Prod.)  
(Pharmaceutical technology; water processing, by removing minerals and salts.)  
*d* entmineralisiertes Wasser *n*  
*f* eau *f* déminéralisée  
*p* água *f* desmineralizada
- 1789 denaturation of proteins**  
(Enz.)  
(Structural modification of the biological polymers, destroying their original configuration.)  
*d* Denaturierung *f* der Proteine; Denaturieren *n* von Proteinen  
*f* dénaturation *f* des protéines  
*p* denaturação *f* das proteínas
- 1790 dense intranuclear structure**  
(Mol.)  
(Ref. to the structure of the nucleolus.)  
*d* dichte intranukleare Struktur *f*  
*f* structure *f* dense intranucléaire  
*p* estrutura *f* densa intranuclear
- 1791 densification process**  
(Prod.)  
(Pharmaceutical technology; ref. to compression processes of material, fuel mixtures etc.)  
*d* Verdichtungsprozess *m*  
*f* processus *m* de densification  
*p* processo *m* de densificação
- 1792 density of a powder is the relation between the powder mass/water quantity both of the same volume**  
(Prod.)  
(Pharmaceutical technology; ref. to production and characteristics of pharmaceutical powders.)  
*d* Densität *f* eines Pulvers ist das Verhältnis der Pulvermasse zur Wassermenge bei gleichen Volumen  
*f* densité *f* d'une poudre est le rapport de la masse de poudre à la masse d'eau au même volume  
*p* densidade *f* de um pó é a relação entre a massa do pó e da massa da água com volumes iguais
- 1793 density of the electron cloud**  
(Mol.)  
(Region wherein the electron can probably be found.)  
*d* Dichte *f* der Elektronenwolke  
*f* densité *f* de la nuage d'électrons  
*p* densidade *f* da núvem de elétrons
- 1794 dentrite**  
(Anat.)  
(Branching, ramification, of the neuron[e] conducting the nervous influx to the interior of the cell (compare entry: axon).)  
*d* Dendrit *m*  
*f* dentrite *f*  
*p* dentrito *m*
- 1795 deoxyribonucleic acid; DNA; deoxyribonucleic acid**  
(Enz.)  
(A nucleic acid double helix, containing the genetic material, controlling heredity; related to genetic pathologies.)  
*d* Desoxyribonucleinsäure *f*; DNS

- f* acide *m* désoxyribonucléique; ADN  
*p* ácido *m* desoxirribonucléico; AND
- 1796 depletion of potassium with hypokalaemia; potassic exhaustion with hypokalaemia**  
 (Pharm.)  
 (This dangerous condition (of too low levels of potassium) could eventually be induced by a thiazide diuretic (see this entry).)  
*d* Erschöpfung *f* an Kalium mit Hypokaliämie  
*f* déplétion *f* de potassium avec de l'hypokaliémie; épuisement *m* de potassium avec de l'hypokaliémie  
*p* depleção *f* de potássio com hipocalemia; esgotamento *m* de potássio com hipocalemia
- 1797 depot effect based on the resorption retardation of the medicament**  
 (Pharm.)  
 (Ref. to: prolonged activity (see this entry) of a drug in the organism.)  
*d* Depotwirkung *f* besteht in der Resorptionsverzögerung des Medikaments  
*f* effet *m* de dépôt due au ralentissement de la résorption du médicament  
*p* efeito *m* de depósito devido ao retardamento da resorção do medicamento
- 1798 depot effect of a medicament**  
 (Pharm.)  
 (Effect of delayed elimination from the organism, thus having a delayed effect.)  
*d* Depotwirkung *f* eines Arzneimittels  
*f* effet *m* de dépôt d'un médicament  
*p* efeito *m* de depósito de um medicamento
- 1799 depot insulin**  
 (Horm.)  
 (Active substance with depot effect.)  
*d* Depotinsulin *n*; Verzögerungsinsulin *n*  
*f* insuline *f* de dépôt  
*p* insulina *f* de depósito
- 1800 depot penicillin**  
 (Ant.)  
 (For intramuscular injection of slow resorption.)  
*d* Depotpenicillin *n*  
*f* pénicilline *f* de dépôt  
*p* penicilina *f* de depósito
- 1801 depth of the penetration action of medicamentous aerosols**  
 (Med.)  
 (Ref. to aerosol therapeutics.)  
*d* Tiefenwirkung *f* der Eindringung medikamentöser Aerosole
- f* profondeur *f* de l'action de pénétration des aérosols médicamenteux  
*p* profundidade *f* de ação da penetração dos aerosóis medicamentosos
- 1802 depurative tea**  
 (Phyto.)  
 (Herbal tea; blood-purifying tea; e.g. fennel tea, see this entry.)  
*d* Blutreinigungstee *m*  
*f* tisane *f* dépurative  
*p* chá *m* depurativo
- 1803 derivative in pharmaceutical technology**  
 (Prod.)  
 (Products, e.g. active agents, in pharmaceutical processes/production.)  
*d* Derivat *n* in der pharmazeutischen Technologie  
*f* dérivé *m* dans la technologie pharmaceutique  
*p* derivado *m* na tecnologia farmacêutica
- \* **derivative of sulfanilamide with indole nucleus** → 6043
- 1804 derivatives of amino acids**  
 (Horm.)  
 (Ref. to the origin of certain nonpolypeptidic hormones, e.g. catecholamines.)  
*d* Aminosäure-Derivate *npl*  
*f* dérivés *mpl* d'acides aminés  
*p* derivados *mpl* de aminoácidos
- 1805 derivatives of immunology of biotechnological origin**  
 (Enz.)  
 (Biotechnology in industrial production.)  
*d* Derivate *npl* der Immunologie biotechnologischen Ursprunges  
*f* dérivés *mpl* de l'immunologie d'origine biotechnologique  
*p* derivados *mpl* da imunologia de origem biotecnológica
- 1806 derivatives of petrochemical products**  
 (Prod.)  
 (Pharmaceutical technology; e.g. ref. to active principles and to intermediate products based on organic chemistry.)  
*d* Derivate *npl* petrochemischer Produkte  
*f* dérivés *mpl* des produits pétrochimiques  
*p* derivados *mpl* de produtos petroquímicos
- 1807 derivatives of quinoline**  
 (Mol.)  
 (C<sub>9</sub>H<sub>7</sub>N; alkaloids with one or more nitrogen cycles; derivatives are medicamentous molecules; see entries: "alkaloid" and "nitrogen cycle".)

- d* Chinolin-Derivate *npl*  
*f* dérivés *mpl* de la quinoline  
*p* derivados *mpl* da quinolina; derivados *mpl* da quinoleína
- 1808 derivatives of the imidazole core**  
 (Mol.)  
 (C<sub>3</sub>H<sub>4</sub>N<sub>2</sub>; alkaloids with one or more nitrogen cycles; derivatives are medicamentous molecules; see entries: "alkaloid" and "nitrogen cycle".)  
*d* Derivate *npl* des Imidazol-Kerns  
*f* dérivés *mpl* du noyau imidazole  
*p* derivados *mpl* do núcleo de imidazol
- 1809 derivatives of the indole core**  
 (Mol.)  
 (C<sub>8</sub>H<sub>7</sub>N; benzopyrrole; alkaloids with one or more nitrogen cycles; derivatives are medicamentous molecules; see entries: "alkaloid" and "nitrogen cycle".)  
*d* Derivate *npl* des Indol-Kerns; Derivate *npl* des Indol-Nukleus  
*f* dérivés *mpl* du noyau indole  
*p* derivados *mpl* do núcleo indol
- 1810 derivatives of the pyridine/piperidine core**  
 (Mol.)  
 (C<sub>5</sub>H<sub>5</sub>N/C<sub>5</sub>H<sub>11</sub>N; alkaloids with one or more nitrogen cycles; derivatives are medicamentous molecules; see entries: "alkaloid" and "nitrogen cycle".)  
*d* Derivate *npl* des Pyridin/Piperidin-Kerns; Derivate *npl* des Pyridin/Piperidin-Nukleus  
*f* dérivés *mpl* du noyau de la pyridine/pipéridine  
*p* derivados *mpl* do núcleo da piridina/piperidina
- 1811 derivatives of the pyrrolidine core**  
 (Mol.)  
 (C<sub>4</sub>H<sub>9</sub>N; alkaloids with one or more nitrogen cycles; derivatives are medicamentous molecules; see entries: "alkaloid" and "nitrogen cycle".)  
*d* Derivate *npl* des Pyrrolidin-Kerns; Derivate *npl* des Pyrrolidin-Nukleus  
*f* dérivés *mpl* du noyau de la pyrrolidine  
*p* derivados *mpl* do núcleo de la pirolidina
- 1812 derivatives of tropanol; derivatives of tropine**  
 (Prod.)  
 (C<sub>8</sub>H<sub>15</sub>NO; Alkaloids with one or more nitrogen cycles; derivatives are medicamentous molecules. See entries: "alkaloid" and "nitrogen cycle".)  
*d* Derivate *npl* des Tropanols
- f* dérivés *mpl* du tropanol  
*p* derivados *mpl* do tropanol; derivados *mpl* da tropina
- \* derivatives of tropine → 1812
- 1813 dermatitis**  
 (Vit.)  
 (Due to vitamin B<sub>2</sub>-riboflavin-deficiency: seborrhoeic dermatitis.)  
*d* Dermatitis *f*  
*f* dermite *f*  
*p* dermatite *f*; dermite *f*
- 1814 dermatological glyceric forms**  
 (Prod.)  
 (Pharmaceutical technology; glycerol, glycerin (C<sub>3</sub>H<sub>8</sub>O<sub>3</sub>); e.g. in dermatitis treatment, for application on the skin.)  
*d* dermatologische glycerinhaltige Formen *fpl*  
*f* formes *fpl* dermiques glycérées  
*p* formas *fpl* dermatológicas contendo glicerina
- \* dermatological preparation for local application → 6445
- 1815 dermatologic preparation of medium penetration**  
 (Prod.)  
 (Pharmaceutical chemistry; ref. to medicinal creams, ointments etc.; product characteristic.)  
*d* dermatologisches Präparat *n* mittleren Eindringungsvermögens  
*f* préparation *f* dérmique à pénétration moyenne  
*p* preparação *f* dermatológica de penetração média
- 1816 dermatologic preparation of profound penetration into subcutaneous tissues**  
 (Prod.)  
 (Pharmaceutical chemistry; ref. to medicinal creams, ointments etc; product characteristic.)  
*d* dermatologisches Präparat *n* tiefen Eindringungsvermögens in subkutane Gewebe  
*f* préparation *f* dérmique à pénétration profonde dans le tissu sous-cutané  
*p* preparação *f* dermatológica de penetração profunda nos tecidos subcutâneos
- 1817 dermatologic preparation with protecting effect**  
 (Prod.)  
 (Pharmaceutical chemistry; ref. to medicinal creams, ointments etc; product characteristic.)  
*d* dermatologisches Präparat *n* mit Schutzwirkung

- f* préparation *f* dérmique d'effet protecteur  
*p* preparação *f* dermatológica de efeito protetor
- \* **dermatosis** → 5681
- 1818 dermis; corium**  
 (Anat.)  
 (The second layer of the skin, being the real skin, beneath the epidermis.)  
*d* Lederhaut *f*; Corium *n*; Dermis *f*; Cutis *f*  
*f* derme *m*; chorion *m*; derme *m* cutané  
*p* derme *f*; córion *m*; cório *m*
- 1819 desalinization process**  
 (Prod.)  
 (Pharmaceutical technology; e.g. in water treatment.)  
*d* Entsalzungsprozess *m*  
*f* processus *m* de désalinisation  
*p* processo *m* de dessalinização
- 1820 descending colon**  
 (Anat.)  
 (Part of the large intestine.)  
*d* absteigender Grimmdarm *m*  
*f* côlon *m* descendant  
*p* cólon *m* descendente
- 1821 desensitization treatment**  
 (Med.)  
 (E.g. desensitization to allergies.)  
*d* Immunbehandlung *f*  
*f* traitement *m* de désensibilization  
*p* tratamento *m* dessensibilizante
- 1822 desiccate v a liquid; dry v a liquid**  
 (Prod.)  
 (Pharmaceutical processes.)  
*d* Flüssigkeit trocknen  
*f* dessécher un liquide  
*p* dessecar um líquido
- 1823 desiccate v by lyophilization; dry v by lyophilization**  
 (Prod.)  
 (Pharmaceutical technology; ref. to the freeze-drying process.)  
*d* trocknen durch Lyophilisation  
*f* dessécher par lyophilisation  
*p* dessecar por liofilização
- 1824 desiccated in the drying stove; dried in the drying stove** *adj*  
 (Prod.)  
 (Pharmaceutical processes.)  
*d* getrocknet im Trockenofen  
*f* desséché à l'étuve  
*p* dessecado na estufa
- 1825 desiccation as essential conservation operation; desiccation as essential preservation operation**  
 (Prod.)  
 (Pharmaceutical technology; ref. to conservation (preservation) processes.)  
*d* Trocknung *f* als ausschlaggebendes Verfahren der Haltbarmachung  
*f* dessiccation *f* comme une opération essentielle de conservation  
*p* dessecação *f* como operação essencial de conservação; dessecação *m* como operação essencial de conservação; secagem *f* como operação essencial de conservação
- \* **desiccation as essential preservation operation** → 1825
- 1826 desiccation by evaporation**  
 (Prod.)  
 (Pharmaceutical processes.)  
*d* Trocknung *f* durch Verdampfung; Trocknung *f* durch Verdampfen  
*f* dessiccation *f* par évaporation; dessèchement *m* par évaporation  
*p* dessecação *f* por evaporação; dessecação *m* por evaporação; secagem *f* por evaporação
- 1827 desiccation of the cream**  
 (Prod.)  
 (Pharmaceutical chemistry; conservation problem.)  
*d* Austrocknung *f* des Kremes; Austrocknung *f* der Creme  
*f* dessiccation *f* de la crème  
*p* dessecação *f* do creme; dessecação *m* do creme
- 1828 desiccation of the powder by hot air passage**  
 (Prod.)  
 (Pharmaceutical processes; ref. to tablet-production, preliminary operations. Powder preparation.)  
*d* Trocknung *f* des Pulvers durch Heißluftströmung  
*f* dessiccation *f* de la poudre par passage d'air chaud  
*p* dessecação *f* do pó por passagem de ar quente; dessecação *f* do pó por corrente de ar quente
- 1829 desirable medicamentous action**  
 (Pharm.)  
 (Action of a medicinal drug.)  
*d* begehrte medikamentöse Wirkung *f*; wünschenswerte medikamentöse Wirkung *f*

- f* action *f* medicamenteuse recherchée  
*p* ação *f* medicamentosa desejada
- 1830 desirable side-effects of active principles**  
 (Pharm.)  
 (Drug activity in the organism.)  
*d* erwünschte Nebenwirkungen *fpl* von Arzneistoffen; erwünschte Nebeneffekte *mpl* von Arzneistoffen  
*f* effets *mpl* latéraux désirés des principes actifs  
*p* efeitos *mpl* colaterais desejáveis dos princípios ativos
- 1831 desired density of the product**  
 (Prod.)  
 (Pharmaceutical chemistry; ref. to product characteristic, e.g. after processing.)  
*d* erwünschte Densität *f* des Produktes; gewünschte Produktendichte *f*  
*f* densité *f* désirée du produit  
*p* densidade *f* desejada do produto
- 1832 desorption**  
 (Prod.)  
 (Pharmaceutical technology; reverse of absorption and adsorption.)  
*d* Desorption *f*  
*f* désorption *f*  
*p* dessorção *f*
- 1833 desoxycorticosterone**  
 (Horm.)  
 (C<sub>21</sub>H<sub>30</sub>O<sub>3</sub>; a suprarenal cortex hormone; used as an active principle e.g. in adrenal insufficiency.)  
*d* Desoxycorticosteron *n*  
*f* desoxycorticostérone *f*  
*p* desoxicorticosterona *f*
- \* **2-desoxyphenobarbital** → 4995
- \* **desoxyribonucleic acid** → 1795
- 1834 desoxyribonucleic acid base script; DNA base script**  
 (Cyt.)  
 (Ref. to the storage system of genetic information.)  
*d* Desoxyribonucleinsäure-Basenschrift *f*; DNS-Basenschrift *f*  
*f* caractère *m* basique d'acide désoxyribonucléique; caractère *m* basique d'ADN  
*p* caráter *m* básico do ácido desoxirribonucléico; caráter *m* básico do ADN
- 1835 desoxyribonucleic acid double column;**
- DNA double column**  
 (Cyt.)  
 (Linked by hydrogen bridges between purine bases.)  
*d* Desoxyribonucleinsäure-Doppelstrang *m*; DNS-Doppelstrang *m*  
*f* colonne *f* double d'acide désoxyribonucléique; colonne *f* double d'ADN  
*p* fibra *f* dupla do ácido desoxirribonucléico; fibra *f* dupla do ADN
- 1836 desquamation**  
 (Vit.)  
 (Scaling of the outer skin layer, e.g. due to vitamin B<sub>3</sub> deficiency.)  
*d* Abschuppung *f*  
*f* desquamation *f*  
*p* descamação *f*
- \* **destruction of free radicals by ascorbic acid** → 1837
- 1837 destruction of free radicals by vitamin C; destruction of free radicals by ascorbic acid**  
 (Vit.)  
 (Vitamin physiology; see entry: biological function of ascorbic acid.)  
*d* Vernichtung *f* von freien Radikalen durch Vitamin C; Vernichtung *f* von freien Radikalen durch Ascorbinsäure  
*f* destruction *f* des radicaux libres par la vitamine C; destruction *f* des radicaux libres par acide ascorbique  
*p* destruição *f* de radicais livres pela vitamina C; destruição *f* de radicais livres pela ácido ascórbico
- 1838 destruction of the emulsion**  
 (Prod.)  
 (Pharmaceutical chemistry; conservation problem.)  
*d* Zerstörung *f* der Emulsion  
*f* destruction *f* de l'émulsion  
*p* destruição *f* da emulsão
- 1839 detection limits**  
 (Prod.)  
 (Pharmaceutical technology; ref. to substance characteristics (analysis) as described e.g. in the Pharmacopoeia.)  
*d* Wahrnehmungsgrenzen *fpl*  
*f* limites *fpl* de détection  
*p* limites *mpl* de detecção
- 1840 detection reaction**  
 (Prod.)  
 (Pharmaceutical chemistry; ref. to analytical processes.)

- d* Nachweisreaktion *f*  
*f* réaction *f* de détection  
*p* reação *f* de detecção
- 1841 detection reaction for substance identification**  
 (Prod.)  
 (Pharmaceutical chemistry; ref. to analytical processes.)  
*d* Nachweisreaktion *f* zur Substanzbestimmung  
*f* réaction *f* de détection pour la détermination de la substance  
*p* reação *f* de detecção para determinação da substância
- 1842 detergent**  
 (Prod.)  
 (Pharmaceutical technology; synthetic (soap-free) cleansing agent.)  
*d* Detergens *n*  
*f* détergent *m*  
*p* detergente *m*
- 1843 deterioration of a chemical substance**  
 (Prod.)  
 (Pharmaceutical chemistry; ref. to the deteriorated product condition, as well as to the spoiling process.)  
*d* Verderb *m* einer chemischen Substanz; Schlechtwerden *n* einer chemischen Substanz  
*f* détérioration *f* d'une substance chimique  
*p* deterioração *f* de uma substância química
- 1844 determination methods of the molecular weight**  
 (Mol.)  
 (A determination method type.)  
*d* Molekulargewichtsnachweismethoden *fpl*; Methoden *fpl* zur Bestimmung des Molekulargewichtes  
*f* méthodes *fpl* pour la détermination du poids moléculaire  
*p* métodos *mpl* para a determinação do peso molecular
- \* **determination of a disease** → 1885
- 1845 determination of a surfactant's wetting power**  
 (Prod.)  
 (Pharmaceutical technology; e.g. see entry: surfactants as wetting agents; e.g. sodium lauryl sulfate (C<sub>12</sub>H<sub>25</sub>NaO<sub>4</sub>S); in tableting; also: time required of a surfactant to wet a standard cotton sample – as to DIN 53901.)  
*d* Bestimmung *f* des Netzvermögens eines
- Tensides  
*f* détermination *f* du pouvoir mouillant d'un agent de surface  
*p* determinação *f* do poder umectante de um tensoativo
- 1846 determination of bacterial resistance against antibiotics**  
 (Ant.)  
 (E.g. see entry: acquired resistance to antibiotics as biochemical defence mechanism.)  
*d* Bestimmung *f* der Bakterienresistenz gegen Antibiotika; Bestimmung *f* des Bakterienwiderstandes gegen Antibiotika  
*f* détermination *f* de la résistance bactérielle aux antibiotiques  
*p* determinação *f* da resistência bacteriana contra antibióticos
- 1847 determination of boiling temperature**  
 (Prod.)  
 (Pharmaceutical processes.)  
*d* Bestimmung *f* der Siedetemperatur  
*f* détermination *f* de la température d'ébullition  
*p* determinação *f* da temperatura de ebulição
- 1848 determination of complexation capacity**  
 (Prod.)  
 (Fine chemical technology; determination of product characteristics.)  
*d* Bestimmung *f* der Komplexbildungsfähigkeit  
*f* détermination de la capacité de formation de complexes; détermination de la capacité de formation de complexation  
*p* determinação *f* da capacidade de formação de complexos
- 1849 determination of moisture absorption**  
 (Prod.)  
 (Fine chemical technology; determination of product characteristic.)  
*d* Bestimmung *f* der Feuchtigkeitsabsorption; Bestimmung *f* der Feuchtigkeitsaufnahme  
*f* détermination *f* de l'absorption d'humidité  
*p* determinação *f* da absorção de umidade
- 1850 determination of provitamins**  
 (Vit.)  
 (Vitamin technology; prime material which can be converted to a vitamin in the human body; the classic example of a provitamin is β-carotene which constitutes the provitamin A.)  
*d* Bestimmung *f* von Provitaminen  
*f* définition *f* de provitamines  
*p* definição *f* de provitaminas

- 1851 determination of purity**  
(Prod.)  
(Pharmaceutical technology; ref. to substance characteristics as described in the Pharmacopoeias.)  
*d* Reinheitsbestimmung *f*  
*f* détermination *f* de la pureté  
*p* determinação *f* de pureza
- 1852 determination of sensitivity of the pathogen**  
(Ant.)  
(Ref. to sensitivity against antibiotic activity.)  
*d* Empfänglichkeitsbestimmung *f* des Krankheitserregers  
*f* détermination *f* de la sensibilité de l'agent pathogène  
*p* determinação *f* da sensibilidade do agente patogênico
- 1853 determination of soluble components**  
(Prod.)  
(Pharmaceutical technology; ref. to analysis, research etc.)  
*d* Bestimmung *f* von löslichen Bestandteilen  
*f* détermination *f* de composants solubles  
*p* determinação *f* de componentes solúveis
- 1854 determination of tablet disintegration velocity**  
(Prod.)  
(Pharmaceutical chemistry; laboratory tests, also animal tests.)  
*d* Bestimmung *f* der Desintegrationsgeschwindigkeit der Tablette; Bestimmung *f* der Zerfallszeit der Tablette  
*f* détermination *f* de la vitesse de désintégration du comprimé  
*p* determinação *f* da velocidade de desintegração do comprimido
- 1855 determination of tablet porosity**  
(Prod.)  
(Pharmaceutical technology: one kind of control methods, tablet property in tablet quality.)  
*d* Bestimmung *f* der Porosität der Tabletten  
*f* détermination *f* de la porosité des comprimés  
*p* determinação *f* da porosidade dos comprimidos
- 1856 determination of the level of lactic acid in human blood serum**  
(Med.)  
(C<sub>3</sub>H<sub>6</sub>O<sub>3</sub>; end-product of glucose metabolism.)  
*d* Bestimmung *f* des Milchsäurespiegels im menschlichen Blutserum  
*f* détermination *f* du niveau de l'acide lactique dans le sérum sanguin humain  
*p* determinação *f* de nível de ácido láctico no soro sanguíneo humano
- 1857 determination of the molecular weight**  
(Mol.)  
(Ref. to relative molecular mass.)  
*d* Bestimmung *f* des Molekulargewichtes; Molekulargewichtsbestimmung *f*  
*f* détermination *f* du poids moléculaire  
*p* determinação *f* do peso molecular
- 1858 determination of the particle regularity in the dispersed phase**  
(Prod.)  
(Pharmaceutical chemistry; ref. to dispersion characteristic, dispersion research.)  
*d* Bestimmung *f* der Teilchenregelmäßigkeit der dispersen Phase; Bestimmung *f* der Teilchenregelmäßigkeit der dispergierten Phase  
*f* détermination *f* de la régularité des particules de la phase dispersée  
*p* determinação *f* da regularidade das partículas da fase dispersa
- 1859 determination of the particle thickness of the dispersed phase**  
(Prod.)  
(Pharmaceutical chemistry; ref. to dispersion characteristic; dispersion-suspension research.)  
*d* Bestimmung *f* der Teilchenstärke der dispersen Phase; Bestimmung *f* der Teilchengröße der dispergierten Phase  
*f* détermination *f* de la grosseur des particules de la phase dispersée  
*p* determinação *f* da grossura das partículas da fase dispersa
- 1860 determination of the potassium level in human blood serum**  
(Med.)  
(Potassium (K) in control and treatment of potassium deficiency.)  
*d* Bestimmung *f* des Kaliumspiegels im menschlichen Blutserum  
*f* détermination *f* du niveau de potassium dans le sérum sanguin humain  
*p* determinação *f* de nível de potássio no soro de sangue humano
- 1861 determination of toxicity**  
(Prod.)  
(Pharmaceutical technology: determination of the maximum tolerable dose of the pharmaceutical chemical for the organism.)

- d* Bestimmung *f* der Toxizität; Bestimmung *f* der Giftigkeit  
*f* détermination *f* de la toxicité  
*p* determinação *f* da toxicidade
- 1862 determination of traces**  
 (Prod.)  
 (Trace-element determination in pharmaceutical technology.)  
*d* Spurenfeststellung *f*  
*f* détermination *f* de traces  
*p* determinação *f* de traços
- 1863 determination of vitamin content**  
 (Vit.)  
 (Vitamin technology.)  
*d* Vitamingehaltfeststellung *f*  
*f* détermination *f* de la teneur en vitamines;  
 détermination *f* de la teneur vitaminique  
*p* determinação *f* do teor em vitaminas;  
 determinação *f* do teor vitamínico
- 1864 determined liberation force of the medicamentous substance**  
 (Prod.)  
 (Pharmaceutical technology; tablet production method, ref. to excipients/auxiliaries for retard form systems.)  
*d* bestimmte Freigabekraft *f* der medikamentösen Substanz  
*f* pouvoir *m* déterminé de libération de la substance médicamenteuse  
*p* poder *m* determinado de liberação da substância medicamentosa
- 1865 determine *v* the solids content**  
 (Prod.)  
 (Pharmaceutical technology.)  
*d* den Feststoffgehalt feststellen  
*f* déterminer la teneur en matière sèche  
*p* determinar o teor seco
- 1866 detoxication; detoxification**  
 (Med.)  
 (Removal or neutralization of toxic substances, e.g. by a detoxicant.)  
*d* Desintoxikation *f*; Entgiftung *f*  
*f* détoxication *f*  
*p* desintoxicação *f*; desvenenamento *m*
- \* **detoxification** → 1866
- 1867 development of bacterial resistance against antibiotics**  
 (Ant.)  
 (E.g. by means of bacterial penicillinase-production, an enzyme which is able to inactivate penicillin.)
- d* Resistenzentwicklung *f* der Bakterien gegen Antibiotika  
*f* développement *m* de la résistance bactérienne aux antibiotiques  
*p* desenvolvimento *m* da resistência bacteriana aos antibióticos
- \* **development of the cellular nucleus** → 3717
- 1868 development of tissular life**  
 (Vit.)  
 (Vitamin physiology; ref. to the supposed influence of certain vitamins, as those of the fat-soluble A-group.)  
*d* Entwicklung *f* des Gewebslebens  
*f* développement *m* de la vie tissulaire  
*p* desenvolvimento *m* da vida tissular
- 1869 deviation**  
 (Prod.)  
 (Pharmaceutical technology; ref. to the difference from standards e.g. in analysis.)  
*d* Abweichung *f*  
*f* déviation *f*  
*p* desvio *m*
- 1870 deviation of oxidation**  
 (Enz.)  
 (Ref. e.g. to enzyme biochemistry.)  
*d* Oxidations-Abweichung *f*  
*f* dérive *f* d'oxydation; déviance *f* d'oxydation;  
 déviation *f* d'oxydation  
*p* desvio *m* de oxidação
- 1871 deviation of the pyruvate oxidation**  
 (Vit.)  
 (Vitamin physiology; ref. to pantothenic acid deficiency.)  
*d* Abweichung *f* der Pyruvat-Oxidation  
*f* dérive *f* d'oxydation du pyruvate; déviation *f* d'oxydation du pyruvate  
*p* desvio *m* da oxidação do piruvato
- 1872 dexpanthenol**  
 (Vit.)  
 (Vitamin technology, C<sub>9</sub>H<sub>19</sub>NO<sub>4</sub>, pro-vitamin B<sub>5</sub>; D-pantothenyl alcohol, having vitamin activity.)  
*d* Dexpanthenol *n*  
*f* dexpanthénol *m*  
*p* dexpantenol *m*
- 1873 dexpanthenol adsorbate**  
 (Vit.)  
 (Vitamin technology; C<sub>9</sub>H<sub>19</sub>NO<sub>4</sub>-adsorbate, having vitamin activity.)  
*d* Dexpanthenol-Adsorbat *n*



- f* adsorbat *m* de dexpanthénol  
*p* adsorbato *m* de dexpanthenol
- 1874 dexpantenol in propylene glycol**  
 (1,2-propanediol)  
 (Vit.)  
 (Vitamin technology; dexpantenol as provitamin B<sub>5</sub>; used in e.g. semisolid preparations.)  
*d* Dexpanthenol *n* in Propylenglykol  
 (1,2-Propandiol)  
*f* dexpanthénol *m* dans de propylène glycol  
 (1,2-propanediol)  
*p* dexpanthenol *m* em propileno glicol  
 (1,2-propanodiol)
- 1875 dextran**  
 (Prod.)  
 (Empirical formula: (C<sub>6</sub>H<sub>10</sub>O<sub>5</sub>)<sub>n</sub>; carbohydrate of D-glucose units, from sugar syrups, fermenting vegetables and dairy products; high molecular polysaccharide auxiliary, of coarse molecules, having retard effect on incorporated active principles.)  
*d* Dextran *n*  
*f* dextrane *m*  
*p* dextranso *m*
- 1876 dextrin**  
 (Prod.)  
 ((C<sub>6</sub>H<sub>10</sub>O<sub>5</sub>)<sub>n</sub>.xH<sub>2</sub>O; starch sugar; starch gum; excipient; auxiliary in pharmaceutical technology.)  
*d* Dextrin *n*  
*f* dextrine *f*  
*p* dextransina *f*
- \* **dextrorotary** → 1879
- \* **dextrorotary crystal** → 1880
- 1877 dextrorotary form; dextrorotary form**  
 (Prod.)  
 (Pharmaceutical chemistry; ref. to light polarization of the substance.)  
*d* rechtsdrehende Form *f*  
*f* forme *f* dextrogyre  
*p* forma *f* dextrogira
- 1878 dextrorotation**  
 (Prod.)  
 (Pharmaceutical chemistry; ref. to a compound, which rotates the plane of polarized light to the right; e.g. dextrin (starch gum).)  
*d* Rechtsdrehung *f*  
*f* dextrorotation *f*; rotation *f* dextrogyre  
*p* dextrorotação *f*; rotação *f* dextrogira
- 1879 dextrorotary; dextrorotary adj**  
 (Prod.)  
 (Pharmaceutical chemistry; ref. to a compound, which rotates the plane of polarized light to the right; e.g. dextrin (starch gum).)  
*d* rechtsdrehend  
*f* dextrogyre  
*p* dextrogiro
- 1880 dextrorotary crystal; dextrorotary crystal**  
 (Prod.)  
 (Pharmaceutical chemistry; ref. to a compound, which rotates the plane of polarized light to the right.)  
*d* rechtsdrehendes Kristall *n*  
*f* cristal *m* dextrogyre  
*p* cristal *m* dextrogiro
- \* **dextrorotary form** → 1877
- 1881 dextrose**  
 (Prod.)  
 (Pharmaceutical chemistry; glucose, grape sugar, C<sub>6</sub>H<sub>12</sub>O<sub>6</sub>; a monosaccharide.)  
*d* Dextrose *f*; Traubenzucker *m*  
*f* dextrose *m*  
*p* dextrose *f*
- \* **DHT** → 1934
- 1882 diacid**  
 (Prod.)  
 (Pharmaceutical chemistry; ref. to an acid with two acid hydrogen (H) atoms (with two substitutable H atoms).)  
*d* Doppeltsäure *f*  
*f* diacide *m*  
*p* diácido *m*
- 1883 diacid; diacidic adj**  
 (Prod.)  
 (Pharmaceutical chemistry; substances having two acid functions.)  
*d* doppeltsauer  
*f* diácide  
*p* diácido; biácido
- \* **diacidic** → 1883
- 1884 diacid salts**  
 (Vit.)  
 (Vitamin biochemistry; a thiamin (vitamin B<sub>1</sub>) constituent.)  
*d* Salze *npl* der Disäuren  
*f* sels *mpl* diácides  
*p* sais *mpl* diácidos

- 1885 diagnosis; determination of a disease**  
(Med.)  
(Process of disease identification.)  
*d* Diagnose *f*; Krankheitsbestimmung *f*  
*f* diagnostic *m*; diagnose *f*; détermination *f*  
d'une maladie  
*p* diagnose *f*; determinação *f* de uma doença
- 1886 diagnostic** (diagnostics *pl*)  
(Med.)  
(The practice of diagnosis, the art to make a correct diagnosis)  
*d* Diagnostik *f*  
*f* diagnostic *m*  
*p* diagnóstico *m*; diagnose *f*
- 1887 diagram; graph**  
(Prod.)  
(Pharmaceutical technology; geometrical representation, demonstrating the parts of a whole and their interrelationship.)  
*d* Diagramm *n*; grafische Darstellung *f*  
*f* diagramme *m*; représentation *f* graphique  
*p* diagrama *m*; representação *f* gráfica
- 1888 dialysis; separation by diffusion of dissolved substances of different molecular weight**  
(Prod.)  
(Pharmaceutical processes; separation process by means of semipermeable membranes (colloids from soluble substances).)  
*d* Dialyse *f*; Trennung *f* durch Diffusion gelöster Substanzen verschiedenen Molekulargewichtes  
*f* dialyse *f*; séparation *f* par diffusion de substances dissoutes de poids moléculaires différents  
*p* diálise *f*; separação *f* por difusão de substâncias dissolvidas de diferentes pesos moleculares
- 1889 diaphaneity**  
(Prod.)  
(Pharmaceutical processes; see entry: diaphanous; translucent.)  
*d* Diaphanie *f*; Durchscheinen *n*  
*f* diaphanéité *f*  
*p* diafaneidade *f*; diafanidade *f*
- 1890 diaphanous; translucent** *adj*  
(Prod.)  
(Pharmaceutical processes; especially in this case: e.g. a membrane where the light rays can pass through, however without the possibility of distinguishing the objects.)  
*d* diaphan; durchscheinend  
*f* diaphane; translucide
- p* diáfano; translúcido
- 1891 diaphorase**  
(Enz.)  
(A flavoprotein enzyme.)  
*d* Diaphorase *f*  
*f* diaphorase *f*  
*p* diaforase *f*
- 1892 diaphoretic; sudorific** *adj*  
(Prod.)  
(Diaphoretic, sudorific: ref. to a sweating causing medicament.)  
*d* diaphoretisch; schweißtreibend  
*f* diaphorétique; sudorifique  
*p* diaforético; sudorífero; sudorífico
- 1893 diaphoretic; sudorific; hydrotic**  
(Prod.)  
(Drug which causes sweating increase.)  
*d* Diaphoretikum *n*; schweißtreibendes Mittel *n*  
*f* diaphorétique *m*; remède *m* sudorifique  
*p* sudorífero *m*; sudorífico *m*; remédio *m* diaforético
- 1894 diaphragm**  
(Prod.)  
(Pharmaceutical processes; in chemistry: a dividing, however ion-passing membrane, separating – in electro-chemical processes anion- from cation space, thus inhibiting the mixture of substances, e.g. chlorine (Cl) and hydrogen (H).)  
*d* Diaphragma *n*; durchlässige Scheidewand *f*  
*f* diaphragme *m*  
*p* diafragma *m*
- 1895 diastase as a starch hydrolyzing enzyme**  
(Enz.)  
(Ref. to an enzyme, amylase, which breaks down starch into maltose and afterwards, into glucose.)  
*d* Diastase *f* als Stärke hydrolysierendes Enzym  
*f* diastase *f* comme enzyme provoquant l'hydrolyse de l'amidon  
*p* diástase *f* como enzima hidrolisadora do amido
- 1896 diastase as proteinaceous catalyzer**  
(Enz.)  
(E.g. enzyme, catalyzer and accelerator of biochemical reactions.)  
*d* Diastase *f* als proteinhaltiger Katalysator  
*f* diastase *f* comme catalyseur protéique  
*p* diástase *f* como catalizador protéico

- 1897 diastases in the enzymatic destruction process**  
(Enz.)  
(An enzyme; certain diastases (e.g. oxidases and peroxidases) must be destroyed to obtain stabilization.)
- d* Diastasen *fpl* im enzymatischen Zerstörungsprozess
- f* diastases *fpl* dans le processus de la destruction enzymatique
- p* diástases *fpl* no processo de destruição por enzimas
- 1898 diastatic systems in medicamentous alterations**  
(Enz.)  
(Ref. to conservation problems, caused by enzymes in medicaments.)
- d* Diastasesysteme *npl* in der medikamentösen Veränderung
- f* systèmes *mpl* diastatiques dans les altérations médicamenteuses
- p* sistemas *mpl* de diástase nas alterações medicamentosas
- 1899 diathermanous** *adj*  
(Prod.)  
(Pharmaceutical technology; pervious to heat, not absorbing heat radiations; e.g. mica is a diathermanous silicate mineral.)
- d* diatherman; wärmedurchlässig
- f* diathermane
- p* diatérmico
- 1900 diathermic** *adj*  
(Med.)  
(Ref. to diathermy; see entry: medical, surgical diathermy.)
- d* diathermisch
- f* diathermique
- p* diatérmico
- 1901 dibasic acids; bibasic acids**  
(Prod.)  
(Pharmaceutical chemistry; ref. to an acid having two acidic hydrogen atoms in its molecules, e.g. sulphuric acid (H<sub>2</sub>SO<sub>4</sub>)).
- d* zweiwertige Säuren *fpl*
- f* acids *mpl* bibasiques; acids *mpl* bivalents
- p* ácidos *mpl* bibásicos; ácidos *mpl* dibásicos; ácidos *mpl* bivalentes
- 1902 dichlorodiphenyltrichloroethane; DDT**  
(Prod.)  
(DDT; (1,1,1-trichloro-2,2-bis(p-chlorophenyl)ethane); C<sub>14</sub>H<sub>9</sub>Cl<sub>5</sub>; organic contact-insecticide.)
- d* Dichlordiphenyltrichloräthan *n*; DDT
- f* dichloro-diphényl-trichloréthane *m*; DDT
- p* diclorodifeniltricloroetano *m*; DDT
- 1903 dichlorophenol-indophenol sodium**  
(Vit.)  
(2,6-dichlorophenol-indophenol sodium; O:C<sub>6</sub>H<sub>2</sub>Cl<sub>2</sub>:N.C<sub>6</sub>H<sub>4</sub>ONa; green, water-soluble powder; vitamin C (ascorbic acid) indicator.)
- d* Dichlorphenol-Indophenol-Natrium *n*
- f* sodium *m* de dichlorophénol-indophénol
- p* sódio *m* de diclorofenol-indofenol
- 1904 dietary levels of selected vitamins**  
(Vit.)  
(Vitamin technology in human nutrition.)
- d* Diät niveaus *npl* ausgewählter Vitamine; Wertstufen *fpl* ausgesuchter Vitamine in der Diät
- f* niveaus *mpl* diététiques de vitamines sélectionnées
- p* níveis *mpl* dietéticos de vitaminas selecionadas
- 1905 dietetic vitamin products**  
(Vit.)  
(Ref. to pharmaceutical vitamin technology.)
- d* diätetische Vitamin-Produkte *npl*
- f* produits *mpl* diététiques vitaminiques
- p* produtos *mpl* dietéticos vitaminados
- 1906 diethylamide of nicotinic acid; N,N-diethylnicotinamide**  
(Vit.)  
(C<sub>10</sub>H<sub>14</sub>N<sub>2</sub>O; diethylamide of nicotinic acid; vitamin B<sub>3</sub>-derivative, used as a drug; pyridine-3-carboxylic acid diethylamide; nikethamide; stimulant for respiration processes.)
- d* Diäthylamid *n* der Nicotinsäure; N,N-Diäthylnicotinamid *n*
- f* diéthylamide *m* de l'acide nicotinique; N,N-diéthylnicotinamide *m*
- p* dietilamida *f* do ácido nicotínico; N,N-dietilamida *f*
- 1907 diethylene glycol solvent**  
(Prod.)  
(C<sub>4</sub>H<sub>10</sub>O<sub>3</sub>; auxiliary in pharmaceutical processes/production; a solvent in pharmaceutical technology.)
- d* Diäthylenglykol-Lösungsmittel *n*
- f* diéthylèneglycol *m* solvant
- p* solvente *m* de dietilenoglicol
- 1908 difference in hardness**  
(Prod.)  
(Pharmaceutical technology: hardness difference between tablets, e.g. vitamin tablets.)

- d* Härteunterschied *m*  
*f* différence *f* de dureté  
*p* diferença *f* de dureza; diferença *f* na dureza
- 1909 difference in solubility**  
 (Prod.)  
 (Ref. to product research in pharmaceutical technology.)  
*d* Löslichkeitsunterschied *m*; Unterschied *m* in der Löslichkeit  
*f* différence *f* dans la solubilité  
*p* diferença *f* na solubilidade
- 1910 difference in viscosity between solutions**  
 (Prod.)  
 (Pharmaceutical processes.)  
*d* Viskositätsunterschied *m* zwischen Lösungen  
*f* différence *f* des valeurs de la viscosité entre solutions  
*p* diferença *f* de viscosidade entre soluções
- 1911 different dosage forms**  
 (Prod.)  
 (Pharmaceutical technology; ref. to product types.)  
*d* verschiedene Dosierungsformen *fpl*  
*f* formes *fpl* de dosage différentes  
*p* formas *fpl* de dosagem diferentes
- 1912 differential dosage**  
 (Prod.)  
 (Pharmaceutical technology.)  
*d* differentielle Dosierung *f*; differenzierte Dosierung *f*  
*f* dosage *m* différentiel  
*p* dosagem *f* diferencial
- 1913 differentiation in function of the active principle content**  
 (Prod.)  
 (Pharmaceutical technology; differentiation possibility of some pharmaceutical forms.)  
*d* Differenzierung *f* in Funktion des Wirkstoffgehaltes  
*f* différenciation *f* en fonction de la teneur en principe actif  
*p* diferenciação *f* em função do teor do princípio ativo
- 1914 differentiation of tablets by dyestuff**  
 (Prod.)  
 (Pharmaceutical technology; ref. to tableting.)  
*d* Differenzierung *f* von Tabletten durch Farbstoffe; Tablettenunterscheidung *f* mithilfe von Farbstoffen  
*f* différenciation *f* des comprimés par des colorants  
*p* diferenciação *f* dos comprimidos pelos corantes
- 1915 differently coated fractions of the active principle**  
 (Prod.)  
 (Pharmaceutic technology; method of obtention of the retard effect in tablets.)  
*d* verschiedenartig umhüllte Wirkstoff-Fractionen *fpl*  
*f* fractions *fpl* du principe actif diversement enrobées  
*p* frações *fpl* do princípio ativo revestidas de forma diferente
- \* **differentness** → 2013
- \* **differentness between substance structures** → 2014
- 1916 different particle sizes**  
 (Prod.)  
 (Pharmaceutical technology; powder-product characteristic.)  
*d* verschiedenartige Korngrößen *fpl*  
*f* diverses dimensions *fpl* des particules  
*p* diversos tamanhos *mpl* das partículas
- 1917 diffraction**  
 (Prod.)  
 (Pharmaceutical technology; ref. e.g. to deviation of light rays.)  
*d* Beugung *f*; Diffraktion *f*  
*f* diffraction *f*  
*p* difração *f*
- 1918 diffuse radiation**  
 (Prod.)  
 (Pharmaceutical technology; ref. to reflection/scattering effects of radiations, e.g. light etc.)  
*d* diffuse Strahlung *f*; Streustrahlung *f*  
*f* rayonnement *m* diffus  
*p* radiação *f* difusa
- 1919 diffusion**  
 (Prod.)  
 (Pharmaceutical processes, e.g. mixing of liquids and their particle movement caused by thermal agitation; in physics: reflection of light.)  
*d* Diffusion *f*  
*f* diffusion *f*  
*p* difusão *f*

- 1920 diffusion coefficient**  
(Prod.)  
(Pharmaceutical processes, ref. to diffusion of light, rays in physics; also in physics/chemistry: gases and liquids; see entry: diffusion.)  
*d* Diffusionskoeffizient *m*  
*f* coefficient *m* de diffusion  
*p* coeficiente *m* de difusão
- 1921 diffusion of an antibiotic in bone tissue**  
(Ant.)  
(Ref. to a characteristic of an antibiotic drug in antibiotherapy.)  
*d* Diffusion *f* eines Antibiotikums im Knochengewebe  
*f* diffusion *f* d'un antibiotique dans le tissu osseux  
*p* difusão *f* de um antibiótico no tecido ósseo
- 1922 diffusion of medicinal drugs**  
(Prod.)  
(Pharmaceutical technology; ref. to drug diffusion within its medium: increased viscosity of the medium reduces diffusion velocity.)  
*d* Diffusion *f* der medizinischen Drogen  
*f* diffusion *f* des drogues médicinales  
*p* difusão *f* das drogas medicinais
- 1923 diffusion of solutions**  
(Prod.)  
(Pharmaceutical processes, e.g. mixing of liquids and their particle movement caused by thermal agitation.)  
*d* Diffusion *f* von Lösungen; gegenseitige Durchdringung *f* von Lösungen  
*f* diffusion *f* des solutions  
*p* difusão *f* das soluções
- 1924 digest v; macerate v**  
(Prod.)  
(Pharmaceutical processes, ref. to an extraction process.)  
*d* digerieren; ausziehen  
*f* digérer; macérer  
*p* digerir; macerar
- 1925 digestant**  
(Prod.)  
(Digestion promoting medicine.)  
*d* Verdauungsmittel *n/npl*; Digestiva *fpl*  
*f* digestif *m*; eupeptique *m*  
*p* digestivo *m*
- 1926 digestion**  
(Phyto.)  
(Extraction of active vegetable substances by warming with a liquid.)  
*d* Digerieren *n*  
*f* digestion *f*  
*p* digestão *f*; cozimento *m*
- 1927 digestive enzymes**  
(Enz.)  
(Produced by the pancreas (exocrine = having a duct) gland. Enzymology; enzymes promoting digestive biochemical processes.)  
*d* Verdauungsenzyme *npl*  
*f* enzymes *fpl* digestives  
*p* enzimas *fpl* digestivas
- 1928 digestive ferment**  
(Enz.)  
(Ref. to the digestion process.)  
*d* Verdauungsferment *n*  
*f* ferment *m* digestif  
*p* fermento *m* digestivo
- 1929 digestive tea**  
(Phyto.)  
(Herbal tea, like peppermint tea and camomile tea.)  
*d* Verdauungstee *m*  
*f* tisane *f* digestive  
*p* chá *m* digestivo
- 1930 digestive tract**  
(Anat.)  
(Ref. to the alimentary canal where digestion takes place.)  
*d* Verdauungstrakt *m*; Verdauungsapparat *m*  
*f* tractus *m* gastro-intestinal  
*p* trato *m* digestivo
- 1931 digitalin**  
(Phyto.)  
(C<sub>36</sub>H<sub>56</sub>O<sub>14</sub>; a glycoside; "Digitalinum verum", from the seeds of "Digitalis purpurea L."; see entry: purple foxglove; digitalis; medicamentous substance, used in cardiac failure, atrial fibrillation etc.)  
*d* Digitalin *n*  
*f* digitaline *f*  
*p* digitalina *f*
- \* **digitalis** → 5158
- 1932 digitoxin**  
(Phyto.)  
(C<sub>41</sub>H<sub>64</sub>O<sub>13</sub>; a glycoside; medicamentous substance, the most active principle of digitalis, used in cardiac failure, atrial fibrillation etc.)  
*d* Digitoxin *n*

- f* digitoxine *f*  
*p* digitoxina *f*
- 1933 dihydroergotamine**  
(Prod.)  
(C<sub>33</sub>H<sub>37</sub>N<sub>5</sub>O<sub>5</sub>; medicamentous substance;  
analgesic, see entry, e.g.: histamine headache  
and migraine treatment.)  
*d* Dihydroergotamin *n*  
*f* dihydroergotamine *f*  
*p* dihydroergotamina *f*
- 1934 dihydrotestosterone; DHT**  
(Horm.)  
(C<sub>19</sub>H<sub>30</sub>O<sub>2</sub>) 4-dihydrotestosterone.)  
*d* Dehydrotestosteron *n*; DHT  
*f* dihydrotestostérone *f*; DHT  
*p* diidrotesterona *f*; DHT
- 1935 dihydroxyphenylalanine**  
(Horm.)  
(C<sub>9</sub>H<sub>11</sub>NO<sub>4</sub>; DOPA; an amino acid; e.g.  
appears in the phases of synthesizing  
catecholamines.)  
*d* Dihydroxyphenylalanin *n*  
*f* dihydroxyphénylalanine *f*  
*p* diidroxiifenilalanina *f*
- 1936 diiodotyrosine; iodogorgoic acid**  
(Prod.)  
(C<sub>9</sub>H<sub>9</sub>I<sub>2</sub>NO<sub>3</sub>; active principle in  
hyperthyroidism.)  
*d* Dijodtyrosin *n*; Jodgorgosäure *f*  
*f* diiodotyrosine *f*  
*p* diiodotirosina *f*
- 1937 dilatability; expansibility**  
(Prod.)  
(Pharmaceutical technology; ref. to product  
characteristics.)  
*d* Dehnbarkeit *f*; Ausdehnbarkeit *f*  
*f* dilatabilité *f*; expansibilité *f*  
*p* dilatabilidade *f*; expansibilidade *f*
- 1938 dilatation**  
(Med.)  
(Ref. to the enlargement of a hollow organ of  
the body.)  
*d* Dilatation *f*  
*f* dilatation *f*  
*p* dilatação *f*
- 1939 dilatation of a liquid**  
(Prod.)  
(Pharmaceutical processes; ref. to expansion  
phenomenon.)  
*d* Dilatation *f* einer Flüssigkeit  
*f* dilatação *f* d'un liquide  
*p* dilatação *f* de um líquido
- 1940 dilate *v***  
(Prod.)  
(Pharmaceutical technology; ref. to product  
characteristics: to dilate by heat.)  
*d* dehnen; ausdehnen  
*f* dilater  
*p* dilatar
- 1941 dill herb oil**  
(Phyto.)  
("Anethum graveolens L., Umbelliferae";  
carminative.)  
*d* Dillkrautöl *n*  
*f* huile *f* d'aneth  
*p* óleo *m* da erva do aneto
- 1942 diluent; diluting agent**  
(Prod.)  
(Pharmaceutical technology: e.g. auxiliary in  
tableting.)  
*d* Verdünner *m*; Verdünnungsmittel *n*  
*f* diluant *m*; délayant *m*  
*p* diluente *m*
- 1943 dilute *v***  
(Prod.)  
(Pharmaceutical processes; ref. to a liquid.)  
*d* verdünnen  
*f* diluer  
*p* diluir
- \* **diluting agent** → 1942
- 1944 diluting carrier in homoeopathy**  
(Homoeop.)  
(Hom[o]eopathic notions; ref. to  
Hahnemann's deconcentration technique.)  
*d* verdünnende Trägersubstanz *f* in der  
Homöopathie  
*f* véhicule *m* diluant en homéopathie  
*p* veículo *m* diluente na homeopatia
- 1945 dimension control of the tablet**  
(Prod.)  
(Pharmaceutical processes. After tableting:  
control procedures; determination of the  
diameter, centre thickness etc.)  
*d* Dimensionskontrolle *f* der Tablette;  
Kontrolle *f* der Tablettenausdehnung  
*f* contrôle *m* des dimensions du comprimé  
*p* controle *m* das dimensões do comprimido
- 1946 dimerization**  
(Horm.)  
(Ref. to hormone structure in hormone  
biochemistry; dimerization is the union of two  
identical molecules forming a greater  
molecule by addition.)

- d* Dimerisierung *f*; Dimerisation *f*  
*f* dimérisation *f*  
*p* dimerização *f*
- \* **dimethyl ketone** → 41
- 1947 dipeptidase; dipeptide hydrolyzing enzyme**  
 (Enz.)  
 (An enzyme which hydrolyzes dipeptides (a peptide of two amino acid molecules).)  
*d* Dipeptidase *f*; ein Dipeptid hydrolysyrendes Enzym *n*  
*f* dipeptidase *f*; enzyme *f* qui hydrolyse le dipeptide  
*p* dipeptidase *f*; enzima *f* que hidrolisa o dipeptídeo
- 1948 dipeptide**  
 (Enz.)  
 (A peptide resulting in two amino acid molecules when hydrolyzed.)  
*d* Dipeptid *n*  
*f* dipeptide *m*  
*p* dipeptídeo *m*
- \* **dipeptide hydrolyzing enzyme** → 1947
- 1949 diphasic adj**  
 (Prod.)  
 (Pharmaceutical processes, ref. to processes having a course of two phases.)  
*d* zweiphasig  
*f* diphasique  
*p* difásico; bifásico
- 1950 diphasic process**  
 (Prod.)  
 (Pharmaceutical processes, ref. to processes having a course of two phases.)  
*d* Zweiphasen-Verfahren *n*  
*f* processus *m* diphasique  
*p* processo *m* difásico; processo *m* bifásico
- 1951 diphenhydramine**  
 (Prod.)  
 (C<sub>17</sub>H<sub>21</sub>NO; medicamentous substance; used as antiallergic remedy and antiemetic; see these entries.)  
*d* Diphenhydramin *n*  
*f* diphénhydramine *f*  
*p* difenohidramina *f*
- 1952 diphenylhydantoin**  
 (Prod.)  
 (C<sub>15</sub>H<sub>12</sub>N<sub>2</sub>O<sub>2</sub>; medicamentous substance; anticonvulsant; see entry: antiepileptic medicine.)  
*d* Diphenylhydantoin *n*  
*f* diphénylhydantoïne *f*  
*p* difenilhidantoína *f*
- 1953 diphosphopyridine nucleotide**  
 (Cyt.)  
 (DPN; e.g. ref. to mitochondrial respiration.)  
*d* Diphosphopyridin-Nukleotid *n*  
*f* diphosphopyridine *f* nucléotide; DPN nucleotídeo *m* difosfopiridino
- 1954 diploid adj**  
 (Enz.)  
 (Ref. to nuclei or cells in which each chromosome occurs twice, except the (male) Y sex chromosome.)  
*d* diploid  
*f* diplode  
*p* diplóide
- 1955 diploid cell**  
 (Cyt.)  
 (Diploid: each chromosome is present twice, except the (male) "Y" sex chromosome.)  
*d* diploide Zelle *f*  
*f* cellule *f* diploide  
*p* célula *f* diplóide
- 1956 dipole**  
 (Mol.)  
 (A molecule having equal and opposite electric charges (Q e -Q, centre of charges with distance: s).)  
*d* Dipol *m*  
*f* dipôle *m*  
*p* dipolo *m*
- 1957 dipole moment**  
 (Mol.)  
 (See entry: dipole; dipole moment: p; value p = Q·s.)  
*d* Dipolmoment *m*  
*f* moment *m* dipolaire  
*p* momento *m* dipolar
- \* **direct cellular nucleus division** → 349
- 1958 direct compressible vitamins**  
 (Vit.)  
 (Vitamin technology; example: vitamin A, C, D, E for high dosage.)  
*d* direktverpressbare Vitamine *npl*;  
 direktkomprimierbare Vitamine *npl*  
*f* vitamines *fpl* pour compression directe;  
 vitamines *fpl* compressibles directement  
*p* vitaminas *fpl* para compressão direta;  
 vitaminas *fpl* compressíveis diretamente

- 1959 direct compression; direct tableting**  
(Prod.)  
(Pharmaceutical processes; one of the tablet forming processes, using powder mixture without previous granulation.)  
*d* Direktverpressung *f*; Direktkompression *f*  
*f* compression *f* directe  
*p* compressão *f* direta
- 1960 direct compression auxiliary; direct tableting auxiliary**  
(Vit.)  
(Vitamin technology; tablet compression auxiliary; e.g. microcrystalline cellulose; for direct compression process of vitamin mixtures, without previous granulation.)  
*d* Hilfsstoff *m* für das Direkttablettieren; Direkttablettierhilfsmittel *n*  
*f* produit *m* auxiliaire de compression directe; produit *m* auxiliaire pour la compression directe  
*p* produto *m* auxiliar para compressão direta
- 1961 direct compression systems**  
(Prod.)  
(Pharmaceutical technology: ref. to tablet-production methods.)  
*d* Direktkompressionssysteme *npl*; Direktverpressungssysteme *npl*  
*f* systèmes *mpl* de la compression directe  
*p* sistemas *fpl* da compressão direta
- 1962 direct dosage**  
(Prod.)  
(Pharmaceutical technology.)  
*d* Direktdosierung *f*  
*f* dosage *m* direct  
*p* dosagem *f* direta
- 1963 direct oral dosing of medicinal drug**  
(Prod.)  
(Pharmaceutical technology; in this case the determination of a dose (as in a formula) for oral administration.)  
*d* direkte orale Dosierung *f* eines Arzneimittels; direkte mündliche Dosierung *f* eines Arzneimittels  
*f* dosage *m* direct oral d'un médicament  
*p* dosagem *f* direta oral de um medicamento; doseamento *m* direto oral de um medicamento
- \* **direct tableting** → 1959
- \* **direct tableting auxiliary** → 1960
- 1964 direct tableting of effervescent tablets**  
(Prod.)  
(Pharmaceutical technology; a production (tableting) process.)  
*d* Direkttablettierung *f* von Brausetabletten  
*f* compression *f* directe de comprimés effervescents  
*p* compressão *f* direta de comprimidos efervescentes
- 1965 direct tableting without granulation**  
(Prod.)  
(Pharmaceutical technology; a production (tableting) process.)  
*d* Direkttablettierung *f* ohne Granulierung  
*f* compression *f* directe de comprimés sans granulation  
*p* compressão *f* direta de comprimidos sem granulação
- 1966 disaccharidase**  
(Enz.)  
(A disaccharide hydrolyzing enzyme (e.g. lactase, maltase).)  
*d* Disaccharidase *f*  
*f* disaccharidase *f*  
*p* dissacaridase *f*
- 1967 disaccharide**  
(Prod.)  
(A sugar, as e.g. sucrose: C<sub>12</sub>H<sub>22</sub>O<sub>11</sub>, (also: maltose and lactose) an additive in pharmaceutical processes.)  
*d* Disaccharid *n*; Disaccharose *f*  
*f* disaccharide *m*; disaccharose *f*  
*p* dissacarídeo *m*; dissacarose *f*
- 1968 disaggregation**  
(Prod.)  
(Pharmaceutical technology: breaking up into separate parts.)  
*d* Desaggregation *f*  
*f* désagrégation *f*  
*p* desagregação *f*
- \* **disaggregation force of the suppository excipient** → 1969
- 1969 disaggregation power of the suppository excipient; disaggregation force of the suppository excipient**  
(Prod.)  
(Pharmaceutical chemistry; this disintegration power promotes the dispersion of the active principle.)  
*d* Desaggregationskraft *f* des Zäpfchenträgermaterials  
*f* pouvoir *m* de désagrégation de l'excipient des suppositoires  
*p* poder *m* de desagregação do excipiente dos supositórios; força *f* de desagregação do excipiente dos supositórios



- 1970 discolo[u]ration**  
(Prod.)  
(Pharmaceutical technology; colour loss by chemical influences, oxidation etc.)  
*d* Entfärbung *f*  
*f* décoloration *f*  
*p* descoloração *f*
- 1971 discolo[u]ration of vitamin products**  
(Vit.)  
(Vitamin technology; e.g. in case of vitamin C (ascorbic acid), from white to yellow, due to atmospheric humidity: hydrolysis process.)  
*d* Verfärbung *f* von Vitaminprodukten  
*f* décoloration *f* des produits vitaminiques  
*p* discoloração *f* de produtos à base de vitaminas
- 1972 diseases of vitamin deficiencies**  
(Vit.)  
(Scurvy (vitamin C), rickets (vitamin D); megaloblastic an[em]ia (vitamin B<sub>12</sub> or folic acid).)  
*d* Vitaminmangelkrankheiten *fpl*  
*f* maladies *fpl* de carences vitaminiques  
*p* doenças *fpl* de carências vitamínicas
- 1973 dishomogenization**  
(Prod.)  
(Pharmaceutical chemistry; ref. to conservation characteristics/problems: e.g. of "compound powder", see entry.)  
*d* Enthomogenisierung *f*; Deshomogenisation *f*  
*f* déshomogénéisation *f*  
*p* deshomogeneização *f*
- 1974 disinfect v**  
(Prod.)  
(Pharmaceutical technology; microorganisms/bacteria-destroying; see entry: disinfectant.)  
*d* desinfizieren; entkeimen  
*f* désinfecter  
*p* desinfetar
- 1975 disinfectant**  
(Prod.)  
(Microorganisms/bacteria-destroying substance.)  
*d* Desinfektionsmittel *n*  
*f* désinfectant *m*  
*p* desinfetante *m*
- 1976 disinfectant for sterilization**  
(Prod.)  
(Pharmaceutical technology: use for general disinfection purposes: microorganism/bacteria-destruction.)  
*d* Desinfektionsmittel *n* zur Entkeimung  
*f* désinfectant *m* pour la stérilisation  
*p* desinfetante *m* para a esterilização
- 1977 disinfectant on the base of alcohol**  
(Prod.)  
(Pharmaceutical technology; ethyl alcohol (ethanol, a water-soluble alcohol, C<sub>2</sub>H<sub>5</sub>OH), or propyl alcohol, (1-propanol, C<sub>3</sub>H<sub>8</sub>O).)  
*d* Desinfektionsmittel *n* auf der Basis von Alkohol  
*f* désinfectant *m* à base d'alcool  
*p* desinfetante *m* à base de álcool
- 1978 disinfectant on the base of formaldehyde**  
(Prod.)  
(Pharmaceutical technology; formaldehyde = methanal = HCHO.)  
*d* Desinfektionsmittel *n* auf der Basis von Formaldehyd  
*f* désinfectant *m* à base de l'aldéhyde formique  
*p* desinfetante *m* à base de formaldeído
- 1979 disinfectants according to their chemical constitution**  
(Prod.)  
(Pharmaceutical technology; ethyl alcohol (ethanol, a water-soluble alcohol, C<sub>2</sub>H<sub>5</sub>OH); formaldehyde = methanal = HCHO; phenol derivatives.)  
*d* Desinfektionsmittel *npl* gemäß ihres chemischen Aufbaus  
*f* désinfectants *mpl* selon leur constitution chimique  
*p* desinfetantes *mpl* conforme sua constituição química
- 1980 disinfectant well-tolerated by the mucosa**  
(Prod.)  
(Pharmaceutical technology; product characteristics in medicine.)  
*d* für die Schleimhaut verträgliches Desinfektionsmittel *n*  
*f* désinfectant *m* compatible avec la muqueuse; désinfectant *m* tolérable pour la muqueuse  
*p* desinfetante *m* compatível com a mucosa; desinfetante *m* tolerável para a mucosa
- 1981 disinfectant with high germicidal activity**  
(Prod.)  
(Pharmaceutical technology; ref. to microorganism/bacteria-destruction.)  
*d* Desinfektionsmittel *n* mit starker bakterientötender Wirkung  
*f* désinfectant *m* avec une activité germicide élevée  
*p* desinfetante *m* com uma alta atividade germicida

- 1982 disinfected** *adj*  
(Prod.)  
(Pharmaceutical technology; see entry: disinfect.)  
*d* entkeimt; desinfiziert  
*f* désinfecté  
*p* desinfetado
- 1983 disinfecting action**  
(Prod.)  
(Pharmaceutical chemistry; ref. to the destruction of harmful microorganisms, e.g. by physical means or by chemical means, which are the disinfectants.)  
*d* Desinfektionswirkung *f*  
*f* action *f* désinfectante  
*p* ação *f* desinfetante
- 1984 disinfection of the skin**  
(Med.)  
(Elimination of pathogens (microorganisms, bacteria) by using a disinfectant (see this entry).)  
*d* Entkeimung *f* der Haut  
*f* désinfection *f* de la peau  
*p* desinfeção *f* da pele
- 1985 disinfection process**  
(Prod.)  
(Pharmaceutical processes, e.g. water treatment etc.)  
*d* Entkeimungsverfahren *n*  
*f* processus *m* de désinfection  
*p* processo *m* de desinfeção
- 1986 disintegrant for tablets**  
(Prod.)  
(Auxiliary in pharmaceutical processes/tablet production: e.g. certain PVP types.)  
*d* Tablettsprengmittel *n*  
*f* désagrégant *m* pour les comprimés; désintégrant *m* pour les comprimés  
*p* desintegrante *m* para comprimidos
- 1987 disintegrants accelerate tablet disintegration**  
(Prod.)  
(Pharmaceutical processes; in tableting.)  
*d* Tablettsprengmittel *npl* beschleunigen den Tablettenzerfall  
*f* désintégrants *mpl* accélèrent la désintégration des comprimés; désagrégants *mpl* accélèrent la désintégration des comprimés  
*p* desintegrantes *mpl* aceleram a desintegração dos comprimidos
- 1988 disintegrants by decomposition**  
(Prod.)  
(Pharmaceutical processes; in tableting, ref. to auxiliaries for the decomposition of tablets e.g. in the organism.)  
*d* Sprengmittel *npl* durch Dekomposition; Sprengmittel *npl* durch biochemischen Abbau  
*f* désintégrants *mpl* à décomposition; désagrégants *mpl* à décomposition  
*p* desintegrantes *mpl* por decomposição
- 1989 disintegrants by swelling**  
(Prod.)  
(Pharmaceutical processes; in tableting, ref. to "acceleration of tablet dissolution by predictable swelling of the auxiliary", see entry.)  
*d* Sprengmittel *npl* durch Anschwellung  
*f* désintégrants *mpl* à gonflement; désagrégants *mpl* à gonflement  
*p* desintegrantes *mpl* por inchamento
- 1990 disintegrants of high effectiveness**  
(Prod.)  
(Pharmaceutical technology: ref. to tablet-production auxiliaries.)  
*d* Sprengmittel *npl* hoher Wirkungskraft  
*f* désagrégants *mpl* à haute activité  
*p* desintegrantes *mpl* de alta eficiência
- 1991 disintegrants promote bursting of tablets**  
(Prod.)  
(Pharmaceutical technology: disintegrant as auxiliary in tableting; ref. to bursting effect of the tablet in the organism.)  
*d* Sprengmittel *npl* begünstigen das Platzen von Tabletten; Sprengmittel *npl* begünstigen das Aufplatzen von Tabletten  
*f* désintégrante *mpl* favorisent l'éclatement des comprimés  
*p* desintegrantes *mpl* favorecem o rompimento dos comprimidos
- 1992 disintegrating agent**  
(Prod.)  
(Pharmaceutical technology; auxiliary; e.g. PVP.)  
*d* Sprengmittel *n*  
*f* agent *m* de désintégration  
*p* agente *m* de desintegração
- 1993 disintegration**  
(Prod.)  
(Pharmaceutical technology: decomposing into constituent parts, breaking into small particles, modification in compositions, e.g. due to radioactivity influence, breakup of a unit; spontaneous transformation of an atomic nucleus by loss of mass.)

- d* Desintegration *f*  
*f* désintégration *f*  
*p* desintegração *f*
- 1994 disintegration effect in vitamin tablets**  
 (Vit.)  
 (Vitamin technology; characteristic which can be obtained, e.g. by addition of a special type of polyvinylpyrrolidone.)  
*d* Sprengmitteleffekt *m* in Vitamintabletten  
*f* action *f* de désintégration dans des comprimés vitaminiques  
*p* efeito *m* de desintegração em comprimidos de vitaminas
- 1995 disintegration force in tablets**  
 (Prod.)  
 (Pharmaceutical technology; characteristic of certain auxiliaries, e.g. certain PVP types.)  
*d* Tablettensprengungskraft *f*,  
 Tablettendesintegrationskraft *f*  
*f* force *f* de désintégration dans des comprimés; pouvoir *m* de désintégration dans des comprimés  
*p* força *f* de desintegração em comprimidos; poder *m* de desintegração em comprimidos
- 1996 disintegration of an atomic nucleus**  
 (Mol.)  
 (Molecular biology; pharmaceutical processes, disintegration: break up of a compound into its constituent parts; disintegration of an atomic nucleus: transformation in composition (loss of mass) e.g. of an atomic nucleus by radioactivity.)  
*d* Desintegration *f* eines Atomkerns; Desintegrierung *f* eines Atomkerns  
*f* désintégration *f* d'un noyau atomique  
*p* desintegração *f* de um núcleo atômico
- 1997 disintegration of a tablet in the intestine**  
 (Pharm.)  
 (Ref. to the bioavailability of the drug within the tablet.)  
*d* Desintegration *f* der Tablette im Darm  
*f* désintégration *f* du comprimé dans de l'intestin  
*p* desintegração *f* do comprimido no intestino
- 1998 disintegration of the active ingredient**  
 (Prod.)  
 (Pharmaceutical technology and processes; promoted by certain auxiliaries.)  
*d* Desintegration *f* des Wirkstoffes; Sprengung *f* des Wirkstoffes  
*f* désintégration *f* du principe actif  
*p* desintegração *f* da substância ativa
- 1999 disintegration of the tablet during intestinal passage**  
 (Pharm.)  
 (Ref. to tablet characteristic; tablet purpose – made possible by special "enveloping material", see entry.)  
*d* Tablettendesintegration *f* während des Darmdurchlaufs; Tablettenzerfall *m* während des Darmdurchlaufs  
*f* désintégration *f* du comprimé au cours du transit intestinal  
*p* desintegração *f* do comprimido durante a passagem pelo intestino
- 2000 disintegration of the tablet in the stomach**  
 (Pharm.)  
 (Ref. to tablet characteristic; tablet purpose.)  
*d* Tablettendesintegration *f* in dem Magen; Tablettenzerfall *m* im Magen  
*f* désintégration *f* du comprimé dans l'estomac  
*p* desintegração *f* do comprimido no estômago
- 2001 disintegration of vitamin tablets**  
 (Vit.)  
 (Vitamin technology; sometimes desirable tablet characteristic for more rapid disponibility of the active principle.)  
*d* Sprengung *f* der Vitamintabletten  
*f* désintégration *f* des comprimés vitaminiques  
*p* desintegração *f* de comprimidos vitamínicos
- 2002 disintegration time**  
 (Prod.)  
 (Pharmaceutical chemistry; ref. to tablet quality; bioavailability of the active principle.)  
*d* wünschenswerte Desintegrationszeit *f*; wünschenswerte Auflösungsdauer *f*  
*f* temps *m* de désintégration souhaitable  
*p* tempo *m* de desintegração desejado
- 2003 disintegration time of vitamin tablets**  
 (Vit.)  
 (Vitamin technology; characteristic which can be influenced, by addition of a special type of polyvinylpyrrolidone.)  
*d* Desintegrationszeit *f* von Vitamintabletten; Auflösungsdauer *f* von Vitamintabletten  
*f* temps *m* de désintégration des comprimés vitaminiques  
*p* tempo *m* de desintegração de comprimidos de vitaminas
- 2004 disinagination**  
 (Prod.)  
 (Pharmaceutical technology; e.g. turned inside out; opposite of "invagination", see this entry.)

- d* Desinvagination *f*; Ausstülpung *f*;  
Ausstülpfen *n*  
*f* désinvagination *f*  
*p* desinvaginação *f*
- 2005 disjunction; chromosomal separation process**  
(Mol.)  
(Molecular biology.)  
*d* Disjunktion *f*; chromosomaler  
Trennungsvorgang *m*  
*f* disjonction *f*; processus *m* chromosomique de  
séparation  
*p* disjunção *f*; processo *f* de separação  
cromossômico
- 2006 dislocation**  
(Med.)  
(Displacement of a bone.)  
*d* Verrenkung *f*  
*f* dislocation *f*; luxation *f*; déboîtement *m*  
*p* luxação *f*
- 2007 disodic** *adj*  
(Mol.)  
(Compound containing two sodium (Na)  
atoms.)  
*d* Dinatrium-  
*f* disodique  
*p* dissódico
- 2008 disordered uric acid excretion by the kidneys**  
(Med.)  
(Ref. to gout. Treatment with colchicine, from  
meadow saffron.)  
*d* gestörte Harnsäureausscheidung *f* durch die  
Nieren  
*f* perturbation *f* dans l'excrétion d'acide urique  
par des reins  
*p* excreção *f* alterada de ácido úrico pelos rins
- 2009 disorder in the permeability of the bacterial cell membrane**  
(Ant.)  
(Wrong proteins (nonsense-proteins) are fitted  
into the membrane of bacteria, e.g. by action  
of aminogluco-sides, causing a kind of leaks,  
thus inactivating the germ.)  
*d* Permeabilitätsstörung *f* der  
Bakterienzellmembran;  
Durchlässigkeitsstörung *f* der  
Bakterienzellmembran  
*f* dérangement *m* dans la perméabilité de la  
membrane cellulaire bactérienne  
*p* desarranjo *m* na permeabilidade da membrana  
celular bacteriana
- 2010 disorder of protein synthesis due to vitamin deficiency**  
(Vit.)  
(Vitamin physiology, ref. to certain vitamins  
as e.g. vitamin B<sub>6</sub>.)  
*d* Störung *f* der Proteinsynthese aufgrund von  
Vitaminmangel  
*f* perturbation *f* de la synthèse protéique par  
carence vitaminique; perturbation *f* de la  
synthèse d'une protéine par carence  
vitaminique  
*p* perturbação *f* da síntese protéica por carência  
vitaminica; perturbação *f* da síntese de uma  
proteína por carência vitaminica
- 2011 disorder of the salt-water balance**  
(Pharm.)  
(Can be the result of abuse of laxatives.)  
*d* Störung *f* des Salz-Wasserhaushaltes  
*f* perturbation *f* du bilan sel-eau  
*p* desarranjo *m* do equilíbrio de sal-água
- 2012 disoxidation; oxygen withdrawal from a compound**  
(Prod.)  
(Pharmaceutical technology.)  
*d* Desoxidation *f*; Desoxidierung *f*;  
Desoxidieren *n*; Sauerstoffentzug *m* von einer  
Verbindung  
*f* désoxydation *f*; élimination *f* d'oxygène d'un  
composé  
*p* desoxidação *f*; retirada *f* de oxigênio de um  
composto
- 2013 disparity; distinctness; differentness**  
(Prod.)  
(Pharmaceutical chemistry; e.g. ref. to  
properties of compounds.)  
*d* Disparität *f*; Ungleichheit *f*;  
Verschiedenheit *f*  
*f* disparité *f*; dissemblance *f*; diversité *f*  
*p* disparidade *f*; desigualdade *f*;  
dessemelhança *f*
- 2014 disparity between substance structures; differentness between substance structures**  
(Prod.)  
(Pharmaceutical chemistry; e.g. ref. to  
properties of compounds.)  
*d* Disparität *f* der Substanzstrukturen;  
Verschiedenheit *f* der Substanzstrukturen  
*f* disparité *f* des structures des substances;  
diversité *f* des structures des substances  
*p* disparidade *f* das estruturas das substâncias;  
desigualdade *f* das estruturas das  
substâncias

- 2015 dispense v medicaments**  
(Prod.)  
(Pharmaceutical chemistry; to dispense means (as shown in the following sequences): "distribution" and "preparation".)  
*d* Arzneimittel abgeben; Arzneimittel zubereiten  
*f* dispenser des médicaments; préparer des médicaments  
*p* administrar medicamentos; preparar medicamentos
- 2016 dispersant**  
(Prod.)  
(Pharmaceutical technology; auxiliary; e.g.: polyvinylpyrrolidone (PVP).)  
*d* Dispergiermittel *n*  
*f* dispersant *m*  
*p* dispersante *m*
- 2017 dispersed *adj* in an inert excipient, releasing the active substance slowly**  
(Pharm.)  
(Ref. to an active principle within a pharmaceutical form.)  
*d* in einer inerten Trägersubstanz dispergiert, die aktive Substanz langsam freigebend  
*f* dispersé dans un excipient inerte, libérant la substance active lentement  
*p* disperso em um excipiente inerte liberando lentamente a substância ative
- 2018 dispersed particles**  
(Prod.)  
(Pharmaceutical chemistry; see entry: dispersion.)  
*d* dispergierte Teilchen *npl*  
*f* particules *fpl* dispersées  
*p* partículas *fpl* dispersas
- 2019 dispersed phase**  
(Prod.)  
(Pharmaceutical chemistry; ref. to dispersion; see entry.)  
*d* disperse Phase *f*; dispergierte Phase *f*  
*f* phase *f* dispersée  
*p* fase *f* dispersa
- 2020 dispersible *adj***  
(Prod.)  
(Pharmaceutical technology; product characteristic.)  
*d* dispergierbar  
*f* dispersible  
*p* dispersível
- 2021 dispersible dry powder**  
(Vit.)  
(E.g. vitamin E.)  
*d* dispergierbares Trockenpulver *n*  
*f* poudre *f* sèche dispersible  
*p* pó *m* seco dispersível
- 2022 dispersible granules**  
(Prod.)  
(Pharmaceutical technology: in tablet production; tableting.)  
*d* dispergierbares Granulat *n*  
*f* granules *mpl* dispersibles  
*p* grânulos *mpl* dispersíveis
- \* **dispersing agent** → 2026
- 2023 dispersing effect**  
(Prod.)  
(Pharmaceutical technology.)  
*d* Dispergierungseffekt *m*;  
Dispergierungswirkung *f*  
*f* action *f* dispersante  
*p* ação *f* dispersante; efeito *m* dispersante
- \* **dispersing power of auxiliaries** → 2029
- 2024 dispersing properties**  
(Prod.)  
(Pharmaceutical technology; product characteristic.)  
*d* dispergierende Eigenschaften *fpl*  
*f* propriétés *fpl* dispersantes  
*p* propriedades *fpl* de dispersão
- 2025 dispersion**  
(Prod.)  
(Pharmaceutical chemistry; multiphase system (disperse system) of which one continuous phase (the dispersion agent: medium) and, at least, one other phase (dispersed phase: dispersed substance) are finely distributed; e.g. emulsions, suspensions.)  
*d* Dispersion *f*  
*f* dispersion *f*  
*p* dispersão *f*
- 2026 dispersion agent; dispersing agent**  
(Prod.)  
(Pharmaceutical technology; ref. to dispersion; see entry.)  
*d* Dispersionsmittel *n*  
*f* agent *m* dispersant  
*p* agente *m* de dispersão; meio *m* de dispersão
- 2027 dispersion of the active principle by means of disaggregation of the excipient**  
(Prod.)  
(Pharmaceutical technology: e.g. ref. to the action of suppositories.)

- d* Dispersion *f* des Wirkstoffes bedingt durch Desaggregation der Trägersubstanz; Wirkstoffdispersion *f* bedingt durch Desaggregation der Trägersubstanz
- f* dispersion *f* du principe actif par désagrégation de l'excipient
- p* dispersão *f* do princípio ativo por desagregação do excipiente
- 2028 dispersion of the active principle parting from the tablet core**  
(Prod.)  
(Pharmaceutical technology; tablet composition, the way that the active substance may be released slowly and over a longer period.)
- d* Dispersion *f* des Wirkstoffes vom Tablettenkern ausgehend
- f* dispersion *f* du principe active à partir du noyau du comprimé
- p* dispersão *f* do princípio ativo a partir do núcleo do comprimido
- 2029 dispersive capacity of auxiliaries; dispersing power of auxiliaries**  
(Prod.)  
(Pharmaceutical technology: ref. to auxiliary products (e.g. PVP) favouring the homogenous distribution of colorants in tablet coatings.)
- d* Dispersionsfähigkeit *f* von Hilfsprodukten; Dispersionskraft *f* von Hilfsprodukten
- f* capacité *f* dispersante des agents auxiliaires; pouvoir *m* dispersant des agents auxiliaires
- p* capacidade *f* de dispersão dos produtos auxiliares; força *f* de dispersão dos produtos auxiliares
- 2030 displacement**  
(Prod.)  
(Pharmaceutical chemistry; ref. to water-volume by a ship: in German: "Verdrängung"; ref. to electricity: "Verschiebung". Removal: "Versetzung".)
- d* Verdrängung *f*; Verschiebung *f*; Versetzung *f*
- f* déplacement *m*
- p* deslocamento *m*
- 2031 displacement of histamine from its target-site of activity in the organism**  
(Pharm.)  
(Antiallergic effect: ref. to the action of an antihistamine, also to an antiallergic remedy.)
- d* Verdrängung *f* des Histamins von seinem Wirkort im Organismus
- f* déplacement *m* de la histamine de son site-cible de l'activité dans l'organisme
- p* deslocamento *m* da histamina de seu local-alvo de atividade dentro do organismo
- \* **displacement reaction** → 6018
- 2032 disponibility of the active principle at his target level**  
(Prod.)  
(Pharmaceutical chemistry; ref. e.g. to: "selective affinity to a target organ". See entry.)
- d* Wirkstoffverfügbarkeit *f* auf dem Niveau seines Zieles; Verfügbarkeit *f* des Agens an seinem Zielort
- f* disponibilité *f* du principe actif au niveau de sa cible
- p* disponibilidade *f* do princípio ativo ao nível de seu alvo
- 2033 disposition**  
(Med.)  
(Pharmaceutical chemistry; all synonyms mean: to put orderly in place; tendency of temperament.)
- d* Disposition *f* (1. Verfügung können *n* über, 2. Veranlagung *f* zu, Empfänglichkeit *f* für Krankheiten)
- f* disposition *f* (1. avoir à sa disposition, 2. prédisposition à contracter une certaine maladie)
- p* disposição *f* (1. haver à disposição de)
- 2034 disproteinization**  
(Enz.)  
(Protein withdrawal.)
- d* Eiweißentzug *m*
- f* déprotéinisation *f*
- p* desproteinização *f*
- 2035 dissemination**  
(Med.)  
(Spreading out; e.g. dissemination of pathogenic germs.)
- d* Verbreitung *f*; Ausstreuung *f*
- f* dissémination *f*
- p* disseminação *f*
- 2036 dissemination of pathogenic germs**  
(Med.)  
(Ref. to spreading abroad (and/also: within a tissue) of pathogenic agents.)
- d* Ausstreuen *n* von pathogenen Keimen; Ausstreuung *f* von pathogenen Keimen
- f* dissémination *f* des germes pathogènes
- p* disseminação *f* de germes patogênicos
- 2037 dissimilation**  
(Med.)  
(Conscious concealment, hiding of diseases or their symptoms.)

- d* Dissimulation *f*  
*f* dissimulation *f*  
*p* dissimulação *f*
- 2038 dissipation**  
 (Prod.)  
 (Pharmaceutical processes, conversion of a convertible form of energy into thermal energy.)  
*d* Dissipation *f*; Zerstreuung *f*  
*f* dissipation *f*  
*p* dissipação *f*
- 2039 dissociation**  
 (Prod.)  
 (Pharmaceutical processes; ref. to dissociation of chemical bonds, forming smaller constituents.)  
*d* Dissoziation *f*; Spaltung *f*  
*f* dissociation *f*  
*p* dissociação *f*
- 2040 dissolution**  
 (Prod.)  
 (Pharmaceutical processes.)  
*d* Auflösung *f*  
*f* dissolution *f*  
*p* dissolução *f*
- 2041 dissolution behaviour**  
 (Prod.)  
 (Pharmaceutical technology; product characteristic in processes, e.g. ref. to polymers.)  
*d* Auflösungsverhalten *n*  
*f* comportement *m* de la dissolution  
*p* comportamento *m* de dissolução
- 2042 dissolution improvement of medicinal drugs by complex formation**  
 (Prod.)  
 (Pharmaceutical technology; ref. to activity characteristics of certain auxiliaries.)  
*d* Löslichkeitsverbesserung *f* von Arzneimitteln durch Komplexbildung;  
 Löslichkeitsverbesserung *f* von Arzneimitteln durch Komplexbildung  
*f* amélioration *f* de la dissolution des médicaments par la formation de complexes  
*p* melhoramento *m* da dissolução de medicamentos pela formação de complexos
- 2043 dissolution in hydrochloric acid**  
 (Prod.)  
 (Pharmaceutical technology.)  
*d* Auflösung *f* in Salzsäure  
*f* dissolution *f* dans l'acide chlorhydrique  
*p* dissolução *f* em ácido clorídrico
- 2044 dissolution of the active ingredient**  
 (Prod.)  
 (Pharmaceutical technology and processes.)  
*d* Löslichkeit *f* des Wirkstoffes  
*f* dissolution *f* du principe actif  
*p* dissolução *f* da substância ativa
- 2045 dissolution rate of the tablet coating**  
 (Prod.)  
 (Pharmaceutical technology, in tableting, to be modified by auxiliaries.)  
*d* Löslichkeitsgeschwindigkeit *f* des Tablettenüberzuges  
*f* vitesse *f* de dissolution du revêtement des comprimés  
*p* velocidade *f* de dissolução do revestimento do comprimido
- 2046 dissolution test**  
 (Prod.)  
 (Pharmaceutical technology; processes etc.)  
*d* Dissolutionstest *m*; Auflösungsprüfung *f*  
*f* test *m* de dissolution; essai *m* de dissolution  
*p* teste *m* de dissolução; ensaio *m* de dissolução
- 2047 dissolution test of solid vitamin preparations**  
 (Vit.)  
 (Vitamin technology.)  
*d* Dissolutionstest *m* für festförmige Vitaminprodukte; Dissolutionstest *m* für festförmige Vitaminpräparate  
*f* test *m* de dissolution des préparations vitaminiques solides; essai *m* de dissolution des préparations vitaminiques solides  
*p* teste *m* de dissolução para preparados vitamínicos sólidos; ensaio *m* de dissolução para preparados vitamínicos sólidos
- 2048 dissolution time**  
 (Prod.)  
 (Pharmaceutical processes, e.g. tableting processes; substance characteristic.)  
*d* Lösungszeit *f*; Auflösungszeit *f*  
*f* temps *m* de dissolution  
*p* tempo de dissolução
- 2049 dissolve *v*; solubilise *v***  
 (Prod.)  
 (Pharmaceutical technology; to dissolve – turn soluble; see also entry: solubilization.)  
*d* auflösen; lösbar machen  
*f* dissoudre; solubiliser  
*p* dissolver; solubilizar
- 2050 dissolved active principles**  
 (Prod.)  
 (Pharmaceutical chemistry; product characteristic.)

- d* aufgelöste Wirkstoffe *mpl*  
*f* principes *mpl* actifs dissous  
*p* princípios *mpl* ativos dissolvidos
- 2051 dissolved medicamentous substance**  
 (Prod.)  
 (Pharmaceutical chemistry; product characteristic.)  
*d* gelöste medikamentöse Substanz *f*  
*f* substance *f* médicamenteuse dissoute  
*p* substância *f* medicamentosa dissolvida
- 2052 dissolve v the active principle under aseptic conditions**  
 (Prod.)  
 (Pharmaceutical processes; ref. to working under absence of bacteria etc.)  
*d* Wirksubstanz unter aseptischen Bedingungen lösen; Wirksubstanz unter keimfreien Bedingungen auflösen  
*f* dissoudre le principe actif sous des conditions aseptiques  
*p* dissolver o princípio ativo sob condições assépticas
- 2053 dissolving action**  
 (Prod.)  
 (Pharmaceutical chemistry; e.g. of an auxiliary, alcohol etc.)  
*d* auflösende Wirkung *f*  
*f* action *f* dissolvante  
*p* ação *f* dissolvente
- 2054 distillation front**  
 (Homoeop.)  
 (Hom[o]eopathic process which eliminates the front distillation fractions.)  
*d* Destillationsvorlauf *m*  
*f* tête *f* de distillation  
*p* destilado *m* de cabeça
- 2055 distillation of fermented product**  
 (Enz.)  
 (Biotechnology; fermentation processes in biotechnological research and production.)  
*d* Destillation *f* des gegärten Produktes; Destillation *f* des Gärungsproduktes  
*f* distillation *f* du produit fermenté  
*p* destilação *f* do produto fermentado
- 2056 distillation of maceration product**  
 (Phyto.)  
 (Ref. to processes.)  
*d* Destillation *f* des Mazerationsproduktes  
*f* distillation *f* du produit de la macération  
*p* destilação *f* do produto de maceração
- 2057 distillation process**  
 (Prod.)  
 (Pharmaceutical technology; ref. to processes.)  
*d* Destillationsprozess *m*; Umsiedungsprozess *m*  
*f* procédé *m* par distillation  
*p* processo *m* de destilação
- 2058 distillation tail**  
 (Homoeop.)  
 (Hom[o]eopathic process which eliminates the last fraction of distillation)  
*d* Destillationsnachlauf *m*  
*f* queue *f* de distillation  
*p* destilado *m* de cauda
- 2059 distilled water**  
 (Prod.)  
 (Pharmaceutical technology; prime material for research and production processes.)  
*d* destilliertes Wasser *n*  
*f* eau *f* distillée  
*p* água *f* destilada
- 2060 distilled water as pharmaceutical carrier**  
 (Prod.)  
 (Pharmaceutical technology.)  
*d* destilliertes Wasser *n* als Wirkstoffträgersubstanz  
*f* eau *f* distillée comme de véhicule pharmaceutique  
*p* água *f* destilada como veículo farmacêutico
- 2061 distilled water biologically purified**  
 (Prod.)  
 (Pharmaceutical technology; water in sterile state, free of pyrogens, for injectable pharmaceutical forms)  
*d* destilliertes Wasser *n* biologisch gereinigt  
*f* eau *f* distillée purifiée biologiquement  
*p* água *f* destilada biologicamente purificada
- \* **distinctness** → 2013
- 2062 distribution of the tablet particles in the gastrointestinal tract**  
 (Pharm.)  
 (Ref. to the bioavailability of the drug within the tablet.)  
*d* Verteilung *f* der Tablettenteilchen im Magen-Darmkanal  
*f* distribution *f* des particules des comprimés dans le tube digestif  
*p* distribuição *f* das partículas dos comprimidos no tubo digestivo
- 2063 disturbance in fatty acid synthesis**  
 (Vit.)  
 (E.g. deficiency of vitamin B<sub>3</sub>.)



- d* Störung *f* der Fettsäurensynthese  
*f* perturbation *f* de la synthèse des acides gras  
*p* perturbação *f* da síntese dos ácidos graxos
- 2064 disturbance in the citric acid cycle/of the respiratory chain**  
 (Vit.)  
 (E.g. deficiency of vitamin B<sub>3</sub>.)  
*d* Störung *f* des Zitronensäurezyklus/der Atmungskette  
*f* perturbation *f* du cycle de l'acide citrique/de la chaîne respiratoire  
*p* perturbação *f* do ciclo do ácido cítrico/da cadeia respiratória
- 2065 diuretic**  
 (Prod.)  
 (Drug which increases urine volume; see also entry: antidiuretic.)  
*d* Diuretikum *n*; harntreibendes Mittel *n*  
*f* diurétique *m*  
*p* diurético *m*
- \* **diuretic on the base of thiazide** → 6366
- 2066 diuretics of osmotic activity**  
 (Pharm.)  
 (Ref. e.g. to mannitol (C<sub>6</sub>H<sub>14</sub>O<sub>6</sub>)-injections used in the treatment of fluid retention.)  
*d* osmotisch wirkende Diuretika *fpl*  
*f* diurétiques *mpl* à l'activité osmotique  
*p* diuréticos *mpl* de atividade osmótica
- 2067 diuretics suppress the sodium chloride retention effect of the hormone aldosterone**  
 (Horm.)  
 (Example of "antihormone; hormone antagonist"(see this entry)-activity.)  
*d* Diuretika *npl* unterdrücken den kochsalzzurückhaltenden Effekt des Hormons Aldosteron  
*f* diurétiques *mpl* suppriment l'effet rétenteur de chlorure de sodium de l'hormone aldostérone  
*p* diurética *mpl* suprimem o efeito retentor de cloreto de sódio do hormônio aldosterona
- 2068 diversified presentation of the tablets**  
 (Prod.)  
 (Pharmaceutical technology: ref. to tableting, tablet aspects.)  
*d* verschiedenartige Ausführungsart *f* von Tabletten  
*f* présentation *f* diversifiée des comprimés  
*p* apresentação *f* diversificada dos comprimidos
- 2069 diversity of the proteins**  
 (Enz.)  
 (Enzymology; ref. to the characteristics of the protein structures.)  
*d* Verschiedenheit *f* der Proteine  
*f* diversité *f* des protéines  
*p* diversidade *f* da proteína
- 2070 divert v heat**  
 (Prod.)  
 (Pharmaceutical processes; ref. to processing activities.)  
*d* Wärme umleiten; Wärme ableiten  
*f* déverser de la chaleur  
*p* desviar calor
- 2071 division; phylum**  
 (Phyto.)  
 (Flora (plant) classification; primary category of the plant kingdom (for animals preferred: phylum in Engl.))  
*d* Stamm *m*; Phylum *n*  
*f* embranchement *m*; phylum *m*  
*p* divisão *f*; filo *m*
- \* **DNA** → 1795
- \* **DNA base script** → 1834
- 2072 DNA-bases sequence**  
 (Mol.)  
 (Ref. to genetic determination of the amino acid sequence.)  
*d* DNS-Basensequenz *f*  
*f* séquence *f* d'ADN-bases  
*p* seqüência *f* de ADN-bases
- \* **DNA double column** → 1835
- 2073 dominant adj**  
 (Cyt.)  
 (Genetics: ref. to a gene, showing this characteristic whether its allele (one alternative gene-form present in the chromosome) is the same or different.)  
*d* dominant; vorherrschend  
*f* dominant  
*p* dominante
- 2074 dominant genetic factor**  
 (Cyt.)  
 (Cytogenetics; see also entry: recessive genetic factor.)  
*d* dominanter Erbfaktor *m*; vorherrschender Erbfaktor *m*; überdeckender Erbfaktor *m*  
*f* facteur *m* génétique dominant  
*p* fator *m* genético dominante

- 2075 domination of the fermentation process; mastery of the fermentation process**  
(Prod.)  
(Pharmaceutical processes; ref. fermentation processes in research and production.)  
*d* Beherrschung *f* des Gärungsprozesses  
*f* maîtrise *f* du processus de la fermentation  
*p* domínio *m* do processo de fermentação
- 2076 donor**  
(Mol.)  
(Compound that gives an atom etc., to combine with an acceptor.)  
*d* Donor *m*; Donator *m*  
*f* donneur *m*  
*p* doador *m*
- 2077 donor of electrons; electron donator**  
(Mol.)  
(Ref. to ion-formation processes; effects of electron behaviour in molecules/products.)  
*d* Elektronen-Donor *m*; Elektronen-Donator *m*  
*f* donneur *m* d'électrons  
*p* doador *m* de elétrons
- 2078 dopamine**  
(Horm.)  
(C<sub>8</sub>H<sub>11</sub>NO<sub>2</sub>; a neurotransmitter.)  
*d* Dopamin *n*  
*f* dopamine *f*  
*p* dopamina *f*
- 2079 dosage**  
(Prod.)  
(Pharmaceutical technology; ref. to the addition of measured, limited quantities of substances into a pharmaceutical form during the production process.)  
*d* Dosierung *f*  
*f* dosage *m*  
*p* dosagem *f*
- 2080 dosage of active principles**  
(Prod.)  
(Pharmaceutical chemistry; laboratory and production activity: giving of a dose, of a measured quantity.)  
*d* Dosierung *f* der Wirkstoffe;  
Wirkstoffdosierung *f*  
*f* dosage *m* des principes actifs  
*p* dosagem *f* dos princípios ativos
- \* dosage of a medicament → 2108
- \* dosage of the active components → 2081
- 2081 dosage of the active constituents; dosage of the active components**  
(Prod.)  
(Pharmaceutical technology; ref. to production.)  
*d* Dosierung *f* der aktiven Bestandteile  
*f* dosage *m* des constituants actifs  
*p* dosagem *f* dos componentes ativos
- 2082 dosage of the dry extract containing the active principle**  
(Prod.)  
(Pharmaceutical technology.)  
*d* Dosierung *f* des wirkstoffhaltenden Trockenextraktes  
*f* dosage *m* de l'extrait sec contenant le principe actif  
*p* dosagem *f* do extrato seco contendo o princípio ativo
- 2083 dosage reaction**  
(Pharm.)  
(Reaction type.)  
*d* Dosisreaktion *f*  
*f* réaction *f* de dosage  
*p* reação *f* de dosagem
- 2084 dose-depending counterreaction**  
(Pharm.)  
(Ref. to side effects of medicamentous substances in relation to the administered dose.)  
*d* dosisabhängige Gegenreaktion *f*  
*f* réaction *f* adverse dose-dépendante  
*p* reação *f* adversa dose-dependente
- 2085 dose-effect relationship**  
(Pharm.)  
(Relationship between a measured quantity of a drug and its effect.)  
*d* Verhältnis *n* Dosis/Wirkung  
*f* relation *f* dose-effet  
*p* relação *f* dose e efeito; relação *f* dose-efeito
- 2086 dose v the physiologic[al] activity of the active principles**  
(Pharm.)  
(Ref. to research and production etc.)  
*d* physiologische Wirkung der Wirkstoffe dosieren  
*f* doser l'activité physiologique des principes actifs  
*p* dosar a atividade fisiológica dos princípios ativos
- 2087 dose v the therapeutic principles**  
(Prod.)  
(Pharmaceutical technology; medicinal substance.)  
*d* therapeutische Wirkstoffe dosieren

- f* doser les principes thérapeutiques  
*p* dosar os princípios terapêuticos
- 2088 double bond**  
 (Mol.)  
 (Atoms sharing two pairs of electrons in "covalent bond"; see this entry.)  
*d* Doppelbindung *f*  
*f* liaison *f* double  
*p* ligação *f* dupla
- 2089 double-emulsion process for dry vitamin powder production**  
 (Vit.)  
 (Vitamin technology, production of vitamin dry powders.)  
*d* Doppelt-Emulsions-Prozess *m* zur Produktion von Vitamintrockenpulver  
*f* processus *m* à double émulsion pour la production de poudre sèche vitaminique  
*p* processo *m* a dupla emulsão para a produção de pó seco de vitaminas
- \* **double-layer tablet** → 6547
- 2090 double salt**  
 (Prod.)  
 (Pharmaceutical chemistry; a chemical compound of two separated simple salts, which, crystallized, give an uniform compound; e.g. alum (aluminium potassium sulphate).)  
*d* Doppelsalz *n*  
*f* sel *m* double  
*p* sal *m* duplo
- 2091 double-split tablet; tablet with a double split**  
 (Prod.)  
 (Pharmaceutical technology; a pharmaceutical (tablet) presentation form.)  
*d* doppelt gespaltene Tablette *f*; Tablette *f* mit einem Doppelspalt  
*f* comprimé *m* bisilloné; comprimé *m* à double rainure  
*p* comprimido *m* bissulcado; comprimido *m* com ranhura dupla
- 2092 dragée**  
 (Prod.)  
 (Pharmaceutical technology; pharmaceutical form: a (sugar)-coated pill.)  
*d* Dragee *n*; Dragée *n*  
*f* dragée *f*  
*p* drágea *f*
- \* **dragée convex on both sides** → 797
- 2093 dragée core**  
 (Prod.)  
 (Production technology; core of a coated tablet; e.g. of a coated vitamin tablet.)  
*d* Drageekern *m*  
*f* noyau *m* de dragée  
*p* núcleo *m* de drágea
- 2094 dragée-form coating**  
 (Prod.)  
 (Pharmaceutical processes; ref. to the production of dragées, a sugar-coated pill.)  
*d* drageenförmiger Überzug *m*  
*f* enrobage *m* en forme de dragée  
*p* revestimento *m* em forma de drágea
- 2095 dragée is a sugar-coated pill**  
 (Prod.)  
 (Pharmaceutical technology; a pharmaceutical (dragée) presentation form.)  
*d* Dragée *n* ist eine mit Zucker überzogene Pille  
*f* dragée *f* est une pilule revêtue à sucre  
*p* drágea *f* é uma pílula coberta de açúcar
- 2096 dragées elaboration**  
 (Prod.)  
 (Pharmaceutical processes; ref. to production of a sugar-coated pharmaceutical form.)  
*d* Drageen-Herstellung *f*  
*f* dragéification *f*  
*p* drageificação *f*
- \* **drawing off a liquid** → 1725
- \* **dressing** → 752, 5930
- \* **dried in the drying stove** → 1824
- 2097 drip v; drop v**  
 (Prod.)  
 (In pharmaceutical processes. to fall in drops, e.g. a substance during processing.)  
*d* abtropfen  
*f* égoutter  
*p* gotejar; pingar
- \* **drop** → 2097
- 2098 drop in vitamin concentration; decrease in vitamin concentration**  
 (Vit.)  
 (Phytamin physiology; e.g. by intestinal resorption failure.)  
*d* Abfall *m* der Vitaminkonzentration; Verringerung *f* der Vitaminkonzentration  
*f* chute *f* de la concentration vitaminique; réduction *f* de la concentration vitaminique  
*p* decaída *f* da concentração vitamínica; redução *f* da concentração vitamínica

- 2099 dropper of easy handling; medicine dropper of easy handling**  
(Prod.)  
(Pharmaceutical technology; ref. to the application form of liquid medicaments.)  
*d* Tropfflasche *f* leichter Handhabung  
*f* compte-gouttes *m* à manipulation facile; stilligoutte *m* à manipulation facile  
*p* gotejador *m* de fácil manuseio
- 2100 dropwise adv**  
(Prod.)  
(Pharmaceutical technology.)  
*d* tropfenweise  
*f* goutte à goutte; goutte par goutte  
*p* gota após gota; por gotejamento
- \* **drosera** → 6052
- 2101 drug, absorbable without water**  
(Prod.)  
(Pharmaceutical technology; ref. to drug property.)  
*d* Arzneimittel *n*, absorbierbar ohne Wasser  
*f* médicament *m* absorbable sans eau  
*p* medicamento *m* absorvível sem água
- \* **drug accumulation** → 3973
- 2102 drug against histamine activity**  
(Pharm.)  
(Ref. to antihistamine; see also entry: antiallergic remedy.)  
*d* Arzneimittel *n* gegen Histaminwirkung  
*f* médicament *m* contre l'activité de l'histamine  
*p* medicamento *m* contra a atividade da histamina
- 2103 drug coevaporates**  
(Prod.)  
(Pharmaceutical processes; ref. to the preparation of medicinal compounds.)  
*d* Produkte *npl* der Arzneimittel-Zusammenverdunstung  
*f* produits *mpl* de la coévaporation de médicaments  
*p* produtos *mpl* da coevaporação de medicamentos
- 2104 drug concentration of the blood between two takings**  
(Pharm.)  
(Ref. to pharmacokinetic activity of an active principle.)  
*d* Arzneimittelkonzentration *f* des Blutes zwischen zwei Einnahmen  
*f* concentration *f* sanguine du médicament entre deux prises
- p* concentração *f* sanguínea do medicamento entre duas tomadas
- 2105 drug develops its activity in the body**  
(Pharm.)  
(Pharmacodynamics; pharmacodynamic characteristic.)  
*d* Arzneimittel *n* entfaltet seine Wirkung im Körper  
*f* médicament *m* développe son activité dans le corps  
*p* medicamento *m* desenvolve sua atividade no corpo
- 2106 drug diffusion within its medium**  
(Prod.)  
(Pharmaceutical technology; increased viscosity of the medium reduces diffusion velocity; see entry: diffusion of medicinal drugs.)  
*d* Drogendiffusion *f* innerhalb ihres Mediums  
*f* diffusion *f* des drogues dans leur milieu  
*p* difusão *f* das drogas dentro de seu meio
- 2107 drug distribution in the carrier**  
(Prod.)  
(Pharmaceutical technology; processes.)  
*d* Wirkstoffverteilung *f* innerhalb der Trägersubstanz  
*f* distribution *f* du principe actif en dedans du véhicule  
*p* distribuição *f* do princípio ativo dentro da veículo
- 2108 drug dosage; dosage of a medication**  
(Pharm.)  
(Ref. to the drug quantity prescribed by a physician to the specific patient.)  
*d* Arzneimitteldosierung *f*  
*f* dosage *m* d'un médicament  
*p* dosagem *f* de um medicamento
- \* **drug dose** → 3972
- 2109 drug essay; pharmacological essay**  
(Prod.)  
(Pharmaceutical technology; process in research and production.)  
*d* Arzneimittelprüfung *f*;  
Arzneimitteluntersuchung *f*  
*f* essai *m* des médicaments; essai *m* pharmacologique  
*p* teste *m* dos medicamentos; exame *m* farmacológico
- 2110 drug fever; medicamentous fever**  
(Med.)  
(Incompatibility phenomenon.)

- d* Arzneimittelfieber *n*; medikamentöses Fieber *n*  
*f* fièvre *f* médicamenteuse; fièvre *f* due aux médicaments  
*p* febre *f* medicamentosa; febre *f* devido a medicamentos
- 2111 drug melts on the tongue**  
 (Prod.)  
 (Pharmaceutical technology; characteristic of the behaviour of certain solid medicaments.)  
*d* Arzneimittel *n* zergeht auf der Zunge  
*f* médicament *m* se fondre sur la langue  
*p* medicamento desfaz-se na língua
- 2112 drug of odontology**  
 (Prod.)  
 (Odontology; branch of medicine which studies the teeth.)  
*d* Medikament *n* der Odontologie; Medikament *n* der Zahnmedizin; Medikament *n* der Zahnheilkunde  
*f* remède *m* de l'odontologie  
*p* remédio *m* da odontologia
- 2113 drugs against signs of old age; medicaments against diseases of elderly people**  
 (Med.)  
 (See also entries: geriatric drug and geriatrics.)  
*d* Arzneimittel *npl* gegen Alterserscheinungen; Medikamente *npl* gegen Altersbeschwerden  
*f* médicaments *mpl* contre les signes de vieillesse  
*p* medicamentos *mpl* contra as doenças da idade avançada
- 2114 drugs of high solubility**  
 (Prod.)  
 (Pharmaceutical technology; characteristic of pharmaceutical products.)  
*d* Medikamente *npl* hoher Löslichkeit  
*f* médicaments *mpl* à haute solubilité  
*p* medicamentos *mpl* de alta solubilidade
- 2115 drug synthesis**  
 (Prod.)  
 (Pharmaceutical technology and processes.)  
*d* Arzneimittelsynthese *f*  
*f* synthèse *f* des médicaments  
*p* síntese *f* de medicamentos
- 2116 drug therapy**  
 (Pharm.)  
 (Pharmacodynamics.)  
*d* Arzneimitteltherapie  
*f* thérapeutique *f* médicamenteuse
- p* terapia *f* medicamentosa
- 2117 drug with local anaesthetic activity**  
 (Prod.)  
 (Pharmaceutical technology.)  
*d* Arzneimittel *m* mit örtlich betäubender Wirkung  
*f* médicament *m* à action insensibilisante locale  
*p* medicamento *m* de ação anestésica local
- 2118 drug with prolonged activity**  
 (Prod.)  
 (Pharmaceutical technology; ref. to a slow liberation of the active principle from the drug to maintain a constant concentration during an extended period.)  
*d* Langzeitarzneimittel *n*  
*f* médicament *m* à action prolongée  
*p* medicamento *m* de ação prolongada
- 2119 drug with prolonged release**  
 (Prod.)  
 (Pharmaceutical technology; ref. to a slow liberation of the active principle from the drug.)  
*d* Arzneimittel *n* verzögerter Freisetzung; Arzneimittel *n* verlangsamer Freisetzung; Langzeitarznei *f*  
*f* médicament *m* à libération prolongée  
*p* medicamento *m* de liberação prolongada
- \* **dry v a liquid → 1822**
- 2120 dry bacteriological culture substrate**  
 (Prod.)  
 (Pharmaceutical technology; e.g. ref. to culture processes of certain germs for cultivation in nutrient media.)  
*d* bakteriologisches Trockenährsubstrat *n*  
*f* substrat *m* de culture bactériologique sec  
*p* substrato *m* de cultura bacteriológico seco
- 2121 dry binder**  
 (Prod.)  
 (Pharmaceutical technology; ref. to tablet-production auxiliaries.)  
*d* trockenes Bindemittel *n*  
*f* liant *m* sec  
*p* ligante *m* seco
- \* **dry v by lyophilization → 1823**
- 2122 dry cough**  
 (Med.)  
 (To be treated with "cough soothing remedy", see this entry; antitussiva, soothing the cough centre in the medulla oblongata.)  
*d* trockener Husten *m*

- f* toux *f* sèche  
*p* tosse *f* seca
- 2123 dry dilutions**  
(Vit.)  
(Vitamin technology; dry vitamin dilutions, obtained e.g. by trituration processes.)  
*d* trockene Verdünnungen *fpl*  
*f* dilutions *fpl* sèches  
*p* diluições *fpl* secas
- 2124 dry distillation**  
(Prod.)  
(Pharmaceutical processes.)  
*d* trockene Destillation *f*; Trockendestillation *f*  
*f* distillation *f* sèche  
*p* destilação *f* seca
- 2125 dry enveloped tablets**  
(Prod.)  
(Pharmaceutical processes: "methods of enveloping", see entry.)  
*d* trocken überzogene Tabletten *npl*  
*f* comprimés *mpl* enrobés à sec  
*p* comprimidos *mpl* revestidos a seco
- 2126 dry extract containing the active principle**  
(Prod.)  
(Pharmaceutical chemistry.)  
*d* Trockenextrakt *m* mit dem Wirkstoff  
*f* extrait *m* sec contenant le principe actif  
*p* extrato *m* seco contendo o princípio ativo
- 2127 dry granulation**  
(Prod.)  
(Pharmaceutical technology; granulation process type in tablet production, also called: briquetting.)  
*d* Trocken-Granulierung *f*  
*f* granulation *f* sèche  
*p* granulação *f* seca
- 2128 dry granulation technique in vitamin processing**  
(Vit.)  
(Vitamin technology; ref. to tablet-production; production process.)  
*d* Trockengranulierungstechnik *f* in der Vitaminverarbeitung  
*f* technique *f* de la granulation sèche dans la transformation des vitamines  
*p* técnica *f* de granulação seca no processamento das vitaminas
- 2129 dry heat**  
(Prod.)  
(Pharmaceutical processes; ref. to processing activities.)  
*d* trockene Wärme *f*  
*f* chaleur *f* sèche  
*p* calor *m* seco
- 2130 dry heat sterilization process**  
(Prod.)  
(Pharmaceutical technology.)  
*d* Trockenhitze-Sterilisationsprozess *m*  
*f* procédé *m* de la stérilisation par la chaleur sèche  
*p* processo *m* de esterilização pelo calor seco
- 2131 drying process in vitamin processing**  
(Vit.)  
(Vitamin technology; this process may effect negatively the stability of the vitamins.)  
*d* Trocknungsprozess *m* in der Vitaminverarbeitung  
*f* processus *m* de séchage dans le traitement des vitamines; procédé *m* de séchage dans le traitement des vitamines  
*p* processo *m* de secagem no processamento de vitaminas
- 2132 drying up**  
(Med.)  
(Ref. to the skin, e.g. due to vitamin B<sub>3</sub> deficiency.)  
*d* Austrocknung *f*  
*f* assèchement *m*  
*p* ressecamento *m*
- 2133 dryly coated tablet**  
(Prod.)  
(Pharmaceutical processes; film-forming process-type in tableting.)  
*d* trocken umhüllte Tablette *f*  
*f* comprimé *m* enrobé à sec  
*p* comprimido *m* revestido a seco
- 2134 drymixing process**  
(Vit.)  
(Vitamin technology; in vitamin drug production.)  
*d* Trockenmischverfahren *n*  
*f* processus *m* de mélange à sec  
*p* processo *m* de mistura a seco
- 2135 dry v onto the tablet the coating layer**  
(Prod.)  
(Pharmaceutical processes; in tableting.)  
*d* die Überzugslösung auf die Tablette aufrocknen  
*f* sécher la solution d'enrobage sur le comprimé  
*p* secar a solução de cobertura sobre o comprimido; secar a solução de revestimento sobre o comprimido

- 2136 dry ovules**  
(Prod.)  
(Pharmaceutical technology; medicinal ovules for treatment of the vaginal mucosa; also in effervescent form.)  
*d* Trockenovula *npl*  
*f* ovules *mpl* secs  
*p* óvulos *mpl* secos
- 2137 dry pharmaceutical syrup**  
(Prod.)  
(Pharmaceutical technology; pharmaceutical product.)  
*d* trockener pharmazeutischer Sirup *m*  
*f* sirop *m* pharmaceutique sec  
*p* xarope *m* farmacêutico seco
- 2138 dry powder**  
(Vit.)  
(Vitamin technology: vitamin E.)  
*d* Trockenpulver *n*  
*f* poudre *f* sèche  
*p* pó *m* seco
- 2139 dry powder adsorbate**  
(Vit.)  
(Vitamin technology; silica gel, colloidal silica containing fine pores; e.g. vitamin E acetate.)  
*d* Trockenpulveradsorbat *n*  
*f* poudre *f* sèche adsorbat; adsorbat *m* en poudre sèche  
*p* adsorbato *m* de pó seco
- 2140 dry powder coated vitamin**  
(Vit.)  
(Vitamin technology: a vitamin presentation form.)  
*d* trockenpulverumhülltes Vitamin *n*; Vitamin *n* mit Trockenpulverumhüllung  
*f* vitamine *f* enrobée à poudre sèche  
*p* vitamina *f* revestido com pó seco
- 2141 dry powder coated with gelatin[e]**  
(Prod.)  
(Pharmaceutical technology; product characteristic.)  
*d* Trockenpulver *n* mit Gelatine umhüllt  
*f* poudre *f* sèche couverte à gélatine  
*p* pó *m* seco recoberto com gelatina
- 2142 dry powder matrix of the vitamin**  
(Vit.)  
(Vitamin technology; e.g. ref. to vitamin A used in dry powder form.)  
*d* Trockenpulvermatrize *f* des Vitamins  
*f* matrice *f* de poudre sèche de la vitamine  
*p* matriz *f* de pó seco da vitamina
- 2143 dry residue**  
(Phyto.)  
(Extract processing.)  
*d* Trockenrückstand *m*  
*f* résidu *m* sec  
*p* residuo *m* seco
- 2144 dry syrup granules**  
(Prod.)  
(Pharmaceutical technology; a pharmaceutical form.)  
*d* Trockensirup-Granulate *npl*  
*f* granules *mpl* de sirop sec  
*p* grânulos *mpl* de xarope seco
- 2145 dry tablet coating**  
(Prod.)  
(Pharmaceutical technology; film-forming process.)  
*d* Tablettenüberziehung *f* im Trockenverfahren  
*f* enrobage *m* à sec des comprimés  
*p* revestimento *m* a seco dos comprimidos
- 2146 dry v up by pulverization**  
(Prod.)  
(Pharmaceutical processes; e.g. drying of the applied tableting-solutions.)  
*d* austrocknen durch Pulverisierung  
*f* assécher par poudrage  
*p* secar por pulverização
- 2147 dry weight**  
(Prod.)  
(Pharmaceutical technology; ref. to product characteristic.)  
*d* Trockengewicht *n*  
*f* poids *m* sec  
*p* peso *m* seco
- 2148 ductile adj**  
(Prod.)  
(Pharmaceutical technology; ref. to product characteristics: e.g. stretchable, which can be stretched.)  
*d* dehnbar; streckbar  
*f* ductile; extensible  
*p* dúctil; extensível
- \* **dulcamara** → 917
- 2149 duodenum**  
(Anat.)  
(First of the three parts of the small intestine.)  
*d* Zwölffingerdarm *m*  
*f* duodénum *m*  
*p* duodeno *m*

- 2150 durability; durableness**  
(Prod.)  
(Pharmaceutical chemistry; product characteristic, to resist without deterioration.)  
*d* Haltbarkeit *f*  
*f* durabilité *f*  
*p* durabilidade *f*
- 2151 durable** *adj*  
(Prod.)  
(Pharmaceutical chemistry; product characteristic, see also entry: preservation of an active principle.)  
*d* haltbar  
*f* durable  
*p* durável  
  
\* **durableness** → 2150
- 2152 duration of analgesia**  
(Pharm.)  
(Pharmacodynamic action of analgesics.)  
*d* Dauer *f* der Analgie  
*f* durée *f* de l'analgesie  
*p* duração *f* da analgesia  
  
\* **dust** *v* → 5851
- 2153 dust**  
(Prod.)  
(Pharmaceutical chemistry; ref. to fine substance particles; fine particles of disintegrated material.)  
*d* Staub *m*  
*f* poussière *f*  
*p* pó *m*; poeira *f*
- 2154 dust formation; friability**  
(Prod.)  
(Pharmaceutical technology: ref. to substance-properties when being processed in machines etc.)  
*d* Staubbildung *f*  
*f* formation *f* de la poussière; friabilité *f*  
*p* formação *f* de poeira; friabilidade *f*
- 2155 dusting properties of a product**  
(Prod.)  
(Pharmaceutical chemistry; product characteristic.)  
*d* Staubbildungseigenschaften *fpl* eines Produktes  
*f* propriétés *fpl* de formation de la poussière d'un produit  
*p* propriedades *fpl* de formação de pó de um produto
- 2156 dust-removal**  
(Prod.)  
(Pharmaceutical processes: ref. to operations on the tablet after the tablet has come out of the machine.)  
*d* Staubentfernung *f*  
*f* dépeussierage *f*  
*p* remoção *f* do pó
- 2157 dusty aspect of a tablet**  
(Prod.)  
(Pharmaceutical technology: this unfavourable tablet appearance can be improved by incorporation of a lubricant, see entry.)  
*d* staubiges Aussehen *n* einer Tablette  
*f* aspect *m* poudreux d'un comprimé; aspect *m* poussiéreux d'un comprimé  
*p* aspecto *m* poeirento de um comprimido
- 2158 dye migration in tablet coatings**  
(Prod.)  
(Pharmaceutical technology: ref. to tableting processes; effect to be avoided by the use of certain auxiliaries as e.g. PVP.)  
*d* Farbstoff-Abwanderung *f* in Tablettenüberzügen  
*f* migration *f* de la matière colorante dans des revêtements des comprimés  
*p* migração *f* do corante no revestimento dos comprimidos
- 2159 dysfunction**  
(Med.)  
(Ref. to an organ: e.g. hepatic dysfunction.)  
*d* Dysfunktion *f*; gestörte Funktion *f*  
*f* dysfonctionnement *m*; dysfunction *f*  
*p* disfunção *f*
- 2160 dysfunction of the metabolism; metabolic dysfunction**  
(Med.)  
(Cause e.g. by vitamin deficiencies etc.)  
*d* Funktionsstörung *f* des Metabolismus; Funktionsstörung *f* des Stoffwechsels  
*f* dysfonctionnement *m* du métabolisme; dysfonctionnement *m* métabolique  
*p* disfunção *f* do metabolismo; disfunção *f* metabólica



## E

**2161 each vitamin of the B complex in the formulation has an own biologic action**

(Vit.)

(Vitamin physiology; ref. to the activity of the B complex, containing: vitamin B<sub>1</sub>, B<sub>2</sub>, B<sub>6</sub>, PP (nicotinamide), B<sub>5</sub> (calcium D-pantothenate) and biotin (vitamin H).)*d* jedes Vitamin *n* in der Formulierung des B-Komplexes hat eine eigene biologische Wirkung*f* chaque vitamine *f* dans la formulation du complexe B a une action biologique propre*p* cada vitamina *f* na formulação do complexo B tem ação biológica própria**2162 ear drops**

(Prod.)

(Pharmaceutical technology, a pharmaceutical form.)

*d* Ohrentropfen *mpl**f* gouttes *fpl* pour l'oreille*p* gotas *fpl* para o ouvido\* ease *v* pain → 5782**2163 ebullition; bubbling up**

(Prod.)

(Pharmaceutical processes; internal (not only on the surface) evaporation of a liquid with formation of steam-bubbles; see also entry: evaporation.)

*d* Sieden *n**f* ébullition *f**p* ebulição *f***2164 ectoplasm**

(Cyt.)

(Peripheral part of cytoplasm; see this entry.)

*d* Ektoplasma *n**f* ectoplasme *m**p* ectoplasma *m***2165 edge of the tablet**

(Prod.)

(Pharmaceutical chemistry; tablet structure, subject to "macroscopic examination", see entry.)

*d* Rand *m* der Tablette; Tablettenrand *m*;  
Kante *f* der Tablette*f* bord *m* du comprimé*p* borda *f* do comprimido

\* EDTA → 2446

**2166 effectiveness of an antibiotic is related to its tissular concentration**

(Ant.)

(Ref. to nature of antibiotic activity in the organism.)

*d* Wirkungserfolg *m* eines Antibiotikums steht im Verhältnis zu der Gewebskonzentration*f* efficacité *f* d'un antibiotique est en proportion avec la concentration tissulaire*p* eficácia *f* de um antibiótico é relacionada à sua concentração tissular**2167 effectiveness of the active principles**

(Pharm.)

(Ref. to

pharmacodynamics/pharmacokinetics.)

*d* Wirksamkeit *f* der Wirkstoffe*f* efficacité *f* des principes actifs*p* eficácia *f* dos princípios ativos**2168 effect of an auxiliary on vitamin stability**

(Vit.)

(Vitamin technology; ref. to test methods.)

*d* Wirkung *f* eines Hilfsmittels auf die Vitaminstabilität*f* effet *m* d'un produit auxiliaire sur la stabilité de vitamines*p* efeito *m* de um produto auxiliar sobre a estabilidade de vitaminas**2169 effect of particle size distribution on flow properties**

(Prod.)

(Pharmaceutical chemistry; product characteristic e.g. of certain auxiliaries as crospolyvidone/crospovidone.)

*d* Auswirkung *f* der Korngrößenverteilung auf das Flussverhalten*f* effet *m* de la répartition granulométrique sur la propriété de l'écoulement*p* efeito *m* da distribuição granulométrica sobre a propriedade de fluxo**2170 effect of particle size distribution on swelling properties**

(Prod.)

(Pharmaceutical chemistry; product characteristic e.g. of certain auxiliaries as crospolyvidone/crospovidone.)

*d* Auswirkung *f* der Korngrößenverteilung auf die Schwelleneigenschaften*f* effet *m* de la répartition granulométrique sur les propriétés gonflantes*p* efeito *m* da distribuição granulométrica nas propriedades de inchamento; efeito *m* da distribuição granulométrica nas propriedades de inchação

- 2171 effect of tableting pressure on tablet hardness**  
(Prod.)  
(Pharmaceutical technology: ref. to tablet tests on their physical properties.)  
*d* Auswirkung *f* des Tablettierdrucks auf die Tablettenhärte  
*f* effet *m* de la pression de compression sur la dureté du comprimé  
*p* efeito *m* da pressão na compressão sobre a dureza do comprimido
- 2172 effect of the culture substrate-concentration on the microbial growth rate**  
(Enz.)  
(Biotechnology; ref. to microbial cultures in research and production processes.)  
*d* Einwirkung *f* der Nährsubstrat-Konzentration auf die mikrobielle Wachstumsrate  
*f* effet *m* de la concentration du substrat de culture sur la taux de croissance microbienne  
*p* efeito *m* da concentração do substrato de cultura na taxa de crescimento bacteriano
- 2173 effect of the time on the concentration of microorganisms**  
(Enz.)  
(Biotechnology; ref. to microbial cultures in research and production processes.)  
*d* Einwirkung *f* der Zeit auf die Konzentration der Mikroorganismen  
*f* effet *m* du temps sur la concentration en micro-organismes  
*p* efeito *m* do tempo na concentração dos microorganismos
- 2174 effect of the vitamin D is the elevation of the calcemia level**  
(Vit.)  
(Vitamin physiology.)  
*d* Wirkung *f* des Vitamins D ist die Erhöhung des Blutcalciumspiegels; Auswirkung *f* des Vitamins D ist die Erhöhung des Blutcalciumspiegels  
*f* effet *m* de la vitamine D est l'élévation du niveau de la calcémie  
*p* efeito *m* da vitamina D é a elevação do nível da calcemia
- \* **effect of vibration** → 5652
- 2175 effector neuron[e]**  
(Horm.)  
(Active – impulse transmitting – neuron[e].)  
*d* auslösendes Neuron *n*; Effektor-Neuron *n*  
*f* neurone *m* effecteur  
*p* neurônio-efetor *m*
- 2176 effector peptide of eight amino acids**  
(Horm.)  
(Ref. to angiotensin II in the renin-angiotensin-system.)  
*d* Effektorpeptid *n* aus acht Aminosäuren  
*f* peptide *m* effecteur d'huit acides aminés  
*p* peptídeo-efetor *m* de oito aminoácidos
- 2177 effector-receptor binding**  
(Horm.)  
(Ref. to hormonal biochemistry.)  
*d* Effektor-Rezeptor-Bindung *f*  
*f* liaison *f* effecteur-récepteur  
*p* ligação *f* effector-receptor
- 2178 effects of acute overdosage**  
(Vit.)  
(Vitamin physiology; hypervitaminosis, by steady overdosage of vitamin A; see entry: A-hypervitaminosis syndrome.)  
*d* akute Überdosierungserscheinungen *fpl*  
*f* effets *mpl* de surdosage aiguë  
*p* efeitos *mpl* de superdosagem aguda
- 2179 effects of peripheric hormones**  
(Horm.)  
(Hormone physiology; e.g. related to thirst (e.g. aldosteron) and sexual behaviour (sex steroids).)  
*d* Wirkung *f* peripherischer Hormone  
*f* effet *m* des hormones périphériques  
*p* efeito *m* dos hormônios periféricos
- 2180 effects of the vitamins in the body**  
(Vit.)  
(Vitamin physiology.)  
*d* Wirkung *f* der Vitamine im Körper; Auswirkung *f* der Vitamine im Körper  
*f* effets *mpl* des vitamines dans le corps  
*p* efeitos *mpl* das vitaminas no corpo
- 2181 effervescence of vitamin tablets**  
(Vit.)  
(Vitamin technology; effervescence due to carbon dioxide (CO<sub>2</sub>) liberation of sodium bicarbonate (NaHCO<sub>3</sub>).)  
*d* Brausewirkung *f* von Vitamintabletten  
*f* effervescence *m* de comprimés vitaminiques  
*p* efervescência *f* de comprimidos vitamínicos
- 2182 effervescent effect in effervescent tablets**  
(Prod.)  
(Pharmaceutical technology: by addition of auxiliary chemicals to provide the liberation of carbon dioxide when in contact with water.)  
*d* Brauseeffekt *m* in Brausetabletten

- f* effet *m* effervescent dans des comprimés effervescents  
*p* efeito *m* efervescente nos comprimidos efervescentes
- 2183 effervescent tablets**  
 (Vit.)  
 (Vitamin technology; containing either only vitamin C (ascorbic acid), or being a multivitamin preparation.)  
*d* Brausetabletten *fpl*  
*f* comprimés *mpl* effervescents  
*p* comprimidos *mpl* efervescentes
- 2184 effervescent vitamin tablets**  
 (Vit.)  
 (Pharmaceutical technology; pharmaceutical product form.)  
*d* Vitamin-Brausetabletten *fpl*  
*f* comprimés *mpl* effervescents vitaminiques  
*p* comprimidos *mpl* efervescentes de vitaminas
- \* egg-shaped → 4508
- 2185 elaboration of a direct dosage method**  
 (Prod.)  
 (Pharmaceutical technology.)  
*d* Erarbeitung *f* einer Direktosiermethode  
*f* mise *f* au point d'une méthode de dosage direct  
*p* elaboração *f* de um método para dosagem direta
- 2186 elastase**  
 (Enz.)  
 (Pancreatic juice ferment.)  
*d* Elastase *f*  
*f* élastase *f*  
*p* elastase *f*; elastinase *f*
- 2187 elasticity**  
 (Prod.)  
 (Pharmaceutical processes; ref. to film-coating pellicle of tablets in tableting/production.)  
*d* Elastizität *f*  
*f* élasticité *f*  
*p* elasticidade *f*
- \* elasticity of the tablet coating → 2660
- 2188 elderflower tea**  
 (Phyto.)  
 (Herbal tea of genus "Sambucus", having a laxative (constipation relieving) effect.)  
*d* Holunderblütentee *m*  
*f* tisane *f* des fleurs du sureau  
*p* chá *m* das flores do sabugueiro
- 2189 electric charge of dispersion particles**  
 (Prod.)  
 (Pharmaceutical chemistry; ref. to dispersion characteristic, dispersion research.)  
*d* elektrische Teilchenladung *f* einer Dispersion  
*f* charge *f* électrique des particules d'une dispersion  
*p* carga *f* elétrica das partículas de uma dispersão
- 2190 electric conductivity of an emulsion with an aqueous phase**  
 (Prod.)  
 (Pharmaceutical chemistry; emulsion characteristic.)  
*d* elektrische Leitfähigkeit *f* einer Emulsion mit wässriger Phase  
*f* conductibilité *f* électrique d'une émulsion de phase aqueuse  
*p* condutibilidade *f* elétrica de uma emulsão de fase aquosa
- 2191 electroanalysis; electrochemical analysis**  
 (Prod.)  
 (Pharmaceutical processes; ref. to a chemical analysis process, using electrolytic methods.)  
*d* Elektroanalyse *f*; elektrochemische Analyse *f*  
*f* électroanalyse *f*; analyse *f* électrochimique  
*p* análise *f* elétrica; análise *f* eletroquímica
- 2192 electrobiology**  
 (Enz.)  
 (Biotechnology; involved with electrical phenomena of the living organism.)  
*d* Elektrobiologie *f*  
*f* électrobiologie *f*  
*p* eletrobiologia *f*
- 2193 electrocatalysis**  
 (Prod.)  
 (Pharmaceutical processes; ref. to a method of dermal drug application by means of electrical current.)  
*d* Elektrokatalyse *f*  
*f* électrocatalyse *f*  
*p* electrocatálise *f*
- 2194 electrocautery**  
 (Prod.)  
 (Pharmaceutical processes; electrocauterization; used for tissue destruction.)  
*d* Elektrokaustik *f*  
*f* électrocaustique *f*  
*p* electrocauterização *f*
- \* electrochemical analysis → 2191

- 2195 electrochemistry**  
(Prod.)  
(Pharmaceutical processes; ref. to electric reactions in chemistry, electrolytic processes, ions/solutions, interconversion of chemical/electric energy; technique for industrial applications of electrolysis.)  
*d* Elektrochemie *f*  
*f* électrochimie *f*  
*p* eletroquímica *f*
- 2196 electrocoagulation**  
(Prod.)  
(Pharmaceutical processes; ref. to tissue coagulation by means of electrical current.)  
*d* Elektrokoagulation *f*  
*f* électrocoagulation *f*  
*p* eletrocoagulação *f*
- 2197 electron capture; electron trapping**  
(Mol.)  
(Ref. e.g. to negative ion production: an atom captures an additional free electron.)  
*d* Elektroneneinfang *m*  
*f* capture *f* des électrons  
*p* captura *f* de elétrons
- 2198 electron cloud**  
(Mol.)  
(Ref. to the structure of an atom: atomic nucleus having an electron cloud.)  
*d* Elektronenwolke *f*; Elektronenhülle *f*  
*f* nuage *m* d'électrons  
*p* núvem *f* de elétrons
- 2199 electron density**  
(Mol.)  
(Ref. to the state of presence of electrons e.g. within a molecule.)  
*d* Elektronendichte *f*  
*f* densité *f* d'électrons; densité *f* électronique  
*p* densidade *f* dos elétrons; densidade *f* eletrônica
- 2200 electron diffraction**  
(Mol.)  
(Ref. to electron beam diffraction by atoms.)  
*d* Elektronenbeugung *f*  
*f* diffraction *f* d'électrons  
*p* difração *f* eletrônica
- \* **electron donator** → 2077
- 2201 electronegativity**  
(Mol.)  
(Elements forming negative ions, due to their tendency to gain electrons.)  
*d* Elektronegativität *f*
- f* électronégativité *f*  
*p* eletronegatividade *f*
- 2202 electronic affinity**  
(Mol.)  
(Molecular biology; by a molecule liberated energy by capturing an electron.)  
*d* elektronische Affinität *f*  
*f* affinité *f* électronique  
*p* afinidade *f* eletrônica
- 2203 electronic configuration**  
(Mol.)  
(Ref. to the arrangement of electrons.)  
*d* Elektronenkonfiguration *f*  
*f* configuration *f* électronique  
*p* configuração *f* eletrônica
- 2204 electronic peripheric structures of the atom**  
(Mol.)  
(Important for covalent bond formation.)  
*d* elektronische peripherische Strukturen *fpl* des Atoms  
*f* structures *fpl* électroniques périphériques de l'atome  
*p* estruturas *fpl* eletrônicas periféricas do átomo
- 2205 electron in ground state**  
(Mol.)  
(See entry: ground state.)  
*d* ruhendes Elektron *n*  
*f* électron *m* en état énergétique normal  
*p* elétron *m* em repouso; elétron *m* em estado estacionário
- 2206 electron pair**  
(Mol.)  
(See entry: covalent bond.)  
*d* Elektronenpaar *n*  
*f* paire *f* électronique; doublet *m* électronique  
*p* par *m* de elétrons
- 2207 electron pair bond**  
(Mol.)  
(Same as: covalent bond; see this entry.)  
*d* Elektronenpaarbindung *f*  
*f* liaison *f* de pair d'électrons; liaison *f* d'échange  
*p* ligação *f* de par de elétrons
- 2208 electron shell; atomic orbit**  
(Mol.)  
(Ref. to atom structure.)  
*d* Elektronenschale *f*; Hauptschale *f*  
*f* couche *f* électronique  
*p* camada *f* de elétrons

- 2209 electron transition**  
(Mol.)  
(See also entry: quantum jump.)  
*d* Elektronenübergang *m*  
*f* transition *f* d'électrons  
*p* transição *f* de elétrons
- \* **electron trapping** → 2197
- 2210 electrophilic reaction**  
(Mol.)  
(Chemical reaction, involving a molecule with a high affinity for electrons.)  
*d* elektrophile Reaktion *f*  
*f* réaction *f* électrophile  
*p* reação *f* eletrofilica
- 2211 electrophilic substitution**  
(Mol.)  
(Chemical reaction, involving e.g. a molecule with a high affinity for electrons.)  
*d* elektrophile Substitution *f*  
*f* substitution *f* électrophile  
*p* substituição *f* eletrofilica
- 2212 electrophoresis**  
(Prod.)  
(Pharmaceutical technology; movement of molecule/particle having an electric charge, e.g. in a colloidal suspension – under the effect of an electric field, formed by the introduction of electrodes into the solution.)  
*d* Elektrophorese *f*  
*f* électrophorèse *f*  
*p* eletroforese *f*
- 2213 electropositive** *adj*  
(Mol.)  
(Elements forming positive ions, due to their tendency to loose electrons.)  
*d* elektropositiv  
*f* électropositif  
*p* electropositivo
- 2214 electrostatic attraction**  
(Prod.)  
(Pharmaceutical chemistry; e.g. between constituents of suspensions etc.)  
*d* elektrostatische Anziehung *f*  
*f* attraction *f* électrostatique  
*p* atração *f* eletrostática
- 2215 electrostatic bond**  
(Mol.)  
(Same as: ionic bond; electrovalent bond; see this entry.)  
*d* elektrostatische Bindung *f*  
*f* liaison *f* électrostatique
- p* ligação *f* eletrostática
- 2216 electrostatic interaction**  
(Mol.)  
(Ref. to charges acting on molecules.)  
*d* elektrostatische Zwischenwirkung *f*;  
elektrostatische Interaktion *f*  
*f* interaction *f* électrostatique  
*p* interação *f* eletrostática
- 2217 electrovalence; electrovalency**  
(Mol.)  
(Chemical bond formed between two ions of opposite charges, when one atom transfers its electrons to another one; also the number of electrons which an atom gains or loses during the formation of a compound by chemical reactions.)  
*d* Elektrovalenz *f*; Elektrowertigkeit *f*  
*f* électrovalence *f*  
*p* eletrovalência *f*; electrovalência *f*
- \* **electrovalency** → 2217
- \* **electrovalent bond** → 3660
- 2218 electuary**  
(Prod.)  
(Pharmaceutical technology; soft pharmaceutical preparation made of e.g. syrup, honey, fruit pulp.)  
*d* Latwerge *f*  
*f* électuaire *m*  
*p* electuário *m*
- 2219 elementary charge**  
(Mol.)  
(Ref. to interaction between elementary particles.)  
*d* Elementarladung *f*  
*f* charge *f* élémentaire  
*p* carga *f* elemental
- 2220 elementary particle**  
(Mol.)  
(Ref. to particle where matter/energy are composed of subatomic form of matter.)  
*d* Elementarteilchen *n*  
*f* particule *f* élémentaire  
*p* partícula *f* elemental
- 2221 elementary processes**  
(Mol.)  
(Ref. to processes involving elementary particle; see this entry.)  
*d* Elementarprozesse *mpl*  
*f* processus *mpl* élémentaires  
*p* processos *mpl* elementares

- 2222 elements of protein structure**  
(Enz.)  
(Enzymology; ref. to the tridimensional arrangement of the protein-structure.)  
*d* Bausteine *mpl* der Proteinstruktur  
*f* éléments *mpl* structuraux de la protéine  
*p* elementos *mpl* estruturais da proteína
- 2223 elevation of calcium reabsorption**  
(Vit.)  
(Vitamin physiology; endogenous vitamin D activity.)  
*d* Erhöhung *f* der Calcium-Reabsorption  
*f* élévation *f* de la réabsorption du calcium  
*p* elevação *f* da reabsorção do cálcio
- 2224 elevation of the hepatic enzyme**  
(Pharm.)  
(Side-effect of certain types of medicaments; this enzyme level is mostly compatible with cholestasis, bile failure of reaching the intestine, causing obstructive jaundice.)  
*d* Erhöhung *f* des hepatischen Enzyms; Anstieg *m* des Leberenzymes  
*f* élévation *f* de l'enzyme hépatique  
*p* elevação *f* da enzima hepática
- 2225 elevation/reduction of cytoplasmic concentration; elevation/reduction of cytoplasm concentration**  
(Cyt.)  
(Cytology; ref. to cell activity.)  
*d* Erhöhung *f*/Erniedrigung *f* der Zytoplasmakonzentration  
*f* élévation *f*/abaissement *m* de la concentration cytoplasmique  
*p* elevação *f*/abaixamento *m* da concentração citoplasmática
- \* **eliminate *v* by means of a centrifuge** → **1160**
- 2226 eliminated quantity of the active principle**  
(Pharm.)  
(Pharmacokinetics; ref. to the activity of the medicament.)  
*d* ausgeschiedene Wirkstoffmenge *f* des Arzneimittels  
*f* quantité *f* éliminée du principe actif du médicament  
*p* quantidade *f* eliminada do princípio ativo do medicamento
- 2227 eliminate *v* heat**  
(Prod.)  
(Pharmaceutical processes; ref. to processing activities.)  
*d* Wärme abführen
- f* éliminer de la chaleur; enlever de la chaleur  
*p* eliminar calor
- 2228 elimination of a drug activity**  
(Pharm.)  
(E.g. blockade of receptors; see this entry.)  
*d* Ausschaltung *f* einer Arzneimittelwirkung  
*f* élimination *f* d'une activité médicamenteuse  
*p* eliminação *f* de uma atividade medicamentosa
- 2229 elimination of decisive risk factors by life habits**  
(Med.)  
(Ref. to a preventive life style.)  
*d* Ausschaltung *f* maßgeblicher Risikofaktoren durch Lebensgewohnheiten  
*f* élimination *f* des facteurs de risque par des habitudes de la vie  
*p* eliminação *f* dos fatores de risco pelos hábitos da vida
- 2230 elimination of the active principle by the emunctories**  
(Pharm.)  
(Pharmacodynamics/pharmacokinetics; ref. to the activity of the medicament: absorption/elimination process by the human body.)  
*d* Ausscheidung *f* des Wirkstoffes durch den Ausscheidungsapparat; Ausscheidung *f* des Wirkstoffes durch das Ausscheidungsorgan  
*f* élimination *f* du principe actif par les émonctoires  
*p* eliminação *f* do princípio ativo pelos emunctórios
- 2231 elimination of the antibiotic by the renal way**  
(Ant.)  
(Ref. to substance elimination with the urine.)  
*d* Ausscheidung *f* des Antibiotikums über die Niere  
*f* élimination *f* du antibiotique par voie rénale  
*p* eliminação *f* do antibiótico por via renal
- 2232 elixir**  
(Prod.)  
(Medicinal concoction.)  
*d* Elixier *n*; Heiltrank *m*  
*f* élixir *m*  
*p* elixir *m*
- 2233 embedded** *adj*  
(Vit.)  
(Pharmaceutical technology; e.g. property of vitamin A products embedded in a gelatine-carbohydrate matrix.)  
*d* eingelassen; eingebettet

- f* enrobé; incorporé  
*p* embutido
- 2234 embedded active substance**  
(Vit.)  
(Pharmaceutical technology; e.g. property of vitamin A products embedded in a gelatine-carbohydrate matrix.)  
*d* eingebetteter Wirkstoff *m*  
*f* principe *m* actif enrobé  
*p* principio *m* ativo embutido
- \* **embedding** → 2236
- 2235 embedding matrix for drugs**  
(Prod.)  
(Pharmaceutical technology; processes; e.g. polymer auxiliaries.)  
*d* Einbettungsmatrix *f* für Medikamente  
*f* matrice *f* d'enrobage pour des médicaments; matrice *f* d'enrobement pour des médicaments  
*p* matriz *f* de embutimento para medicamentos
- 2236 embedment; embedding**  
(Vit.)  
(Vitamin technology; in tablet production: e.g. vitamin A products embedded in a gelatine-carbohydrate matrix.)  
*d* Einlassen *n*; Einarbeiten *n*  
*f* enrobage *m*; enrobement *m*  
*p* embutimento *m*
- 2237 emergency dose**  
(Pharm.)  
(E.g. requiring a specially (higher) dosed form of application for instant effectiveness.)  
*d* Notfallsdosis *f* eines Arzneimittels  
*f* dose *f* médicamenteuse d'urgence  
*p* dose *f* medicamentosa de emergência
- 2238 emetic**  
(Prod.)  
(Vomiting inducing medicine.)  
*d* Brechmittel *n*  
*f* émétique *m*; vomitif *m*  
*p* vomitivo *m*
- 2239 emission cell; emitting cell**  
(Anat.)  
(Opposite to: target cells. The cell that emits the signal, the substance etc.)  
*d* Senderzelle *f*  
*f* cellule *f* émettrice  
*p* célula *f* emiteente; célula *f* emissora
- \* **emission cell of a hormone** → 5615
- \* **emit  $\nu$  heat** → 2857
- \* **emitting cell** → 2239
- \* **emitting cell of a hormone** → 5615
- 2240 emmenagogue**  
(Prod.)  
(Menstruation promoting drug.)  
*d* Menstruation *f* förderndes Mittel  
*f* emménagogue *m*  
*p* emenagogo *m*
- 2241 empirical methods**  
(Prod.)  
(Pharmaceutical processes; based on observation/experience.)  
*d* empirische Methoden *fpl*; erfahrungsgemäße Methoden *fpl*  
*f* méthodes *fpl* empiriques  
*p* métodos *mpl* empíricos
- 2242 emplastrum**  
(Prod.)  
(Pharmaceutical technology; pharmaceutical form for cutaneous application (application on the skin).)  
*d* medikamentöses Pflaster *n*; Heilpflaster *n*  
*f* emplâtre *m*  
*p* emplastro *m*
- 2243 emptying of the vessel/filling of the vessel**  
(Prod.)  
(Pharmaceutical processes; ref. to phials, ampoules etc.)  
*d* Entleeren *n* des Gefäßes/Füllen *n* des Gefäßes  
*f* vidange *f* du récipient/remplissage *m* du récipient  
*p* esvaziamento *m* do recipiente/enchimento *m* do recipiente
- 2244 emulsification**  
(Prod.)  
(Pharmaceutical technology; ref. to "emulsion", see this entry.)  
*d* Emulgierung *f*  
*f* émulsionnement *m*  
*p* emulsificação *f*
- 2245 emulsifier**  
(Prod.)  
(Pharmaceutical technology; auxiliary.)  
*d* Emulgator *m*  
*f* émulsifiant *m*  
*p* emulgador *m*
- 2246 emulsifier for oral pharmaceutical preparations**  
(Prod.)  
(Pharmaceutical technology; auxiliary.)

- d* Emulgator *m* für orale pharmazeutische Produkte  
*f* émulsifiant *m* pour des préparations pharmaceutiques orales  
*p* emulgador *m* para preparações farmacêuticas orais
- 2247 emulsifier for topical pharmaceutical preparations**  
 (Prod.)  
 (Pharmaceutical technology; auxiliary.)  
*d* Emulgator *m* für äußerlich anwendbare pharmazeutische Produkte; Emulgator *m* für topisch anwendbare pharmazeutische Produkte  
*f* émulsifiant *m* pour préparations pharmaceutiques topiques  
*p* emulgador *m* para preparações farmacêuticas tópicas
- 2248 emulsion**  
 (Prod.)  
 (Pharmaceutical technology; product type: emulsion is a dispersion, in which one liquid is distributed in form of fine droplets in another one.)  
*d* Emulsion *f*  
*f* émulsion *f*  
*p* emulsão *f*
- 2249 emulsion as a support for medicamentous active principles**  
 (Prod.)  
 (Pharmaceutical chemistry.)  
*d* Emulsion *f* als Träger medikamentöser Wirkstoffe  
*f* émulsion *f* comme support des principes actifs médicamenteux  
*p* emulsão *f* como suporte dos princípios ativos medicamentosos
- 2250 emulsion: dispersion of a liquid phase into another liquid continuous immiscible phase**  
 (Prod.)  
 (Pharmaceutical chemistry; ref. to emulsion preparation; medicamentous form.)  
*d* Emulsion *f*: Dispersion einer flüssigen Phase in eine andere flüssige kontinuierliche unmischnbare  
*f* émulsion *f*: dispersion d'une phase liquide dans une autre phase liquide continue, immiscible  
*p* emulsão *f*: dispersão de uma fase líquida em outra fase líquida contínua, não miscível
- 2251 emulsion separated in two layers**  
 (Prod.)  
 (Pharmaceutical technology; demulsification-phenomenon: break down of an emulsion.)  
*d* Emulsion *f* in zwei Schichten getrennt; in zwei Schichten getrennte Emulsion *f*  
*f* rupture *f* d'émulsion en deux couches  
*p* separação *f* da emulsão em duas fases
- 2252 emulsions of various types**  
 (Prod.)  
 (Pharmaceutical technology; product types.)  
*d* Emulsionen *fpl* unterschiedlicher Art  
*f* émulsions *fpl* de natures différentes  
*p* emulsões *fpl* de vários tipos; emulsões *fpl* de tipos diferentes
- 2253 emulsion structure**  
 (Prod.)  
 (Pharmaceutical chemistry; ref. e.g. to the quantity of phases of the emulsion.)  
*d* Emulsionsstruktur *f*  
*f* structure *f* des émulsions  
*p* estrutura *f* das emulsões
- 2254 emulsive adj**  
 (Prod.)  
 (Pharmaceutical technology; ref. to "emulsion", see this entry.)  
*d* emulgierbar  
*f* émulsif  
*p* emulsivo
- 2255 emunctory**  
 (Anat.)  
 (Organ, canal, for the elimination excremental of residues/products from the human body: e.g. skin pores, anus, lungs, liver etc.)  
*d* Ausscheidungsapparat *m*;  
 Ausscheidungsorgan *n*  
*f* émonctoire *m*  
*p* emunctorio *m*
- 2256 enantiomerism; molecular chirality**  
 (Mol.)  
 (A form of stereoisomerism; ref. to the phenomenon that molecules can exist in two mirror-image like forms (enantiomers) however not being superimposable.)  
*d* Enantiomerie *f*; Chiralität *f* der Moleküle  
*f* énantiomérisme *m*; chiralité *f* des molécules  
*p* enantiomerismo *m*; quiralidade *f* das moléculas
- 2257 encapsulated vitamin crystals**  
 (Vit.)  
 (Vitamin technology: presentation form of vitamin drugs.)  
*d* eingekapselte Vitaminkristalle *npl*  
*f* cristaux *mpl* vitaminiques encapsulés  
*p* cristais *mpl* de vitaminas encapsulados



- \* **encephalin** → 2313
- \* **encephalin is a hormone with affinity for opiate receptors** → 2316
- \* **encephalin is a hormone with analgesic activity** → 2317
- \* **en crust** *v* → 3431
- 2258 endemic** *adj*  
(Med.)  
(Ref. to diseases generally found in communities in particular regions; e.g. certain vitamin deficiencies as beriberi, due to nutrition on polished rice.)  
*d* endemisch  
*f* endémique  
*p* endêmico
- 2259 endemic avitaminoses** *pl*  
(Vit.)  
(Vitamin physiology.)  
*d* endemische Avitaminosen *fpl*  
*f* avitaminoses *mpl* endêmiques  
*p* avitaminoses *fpl* endêmicas
- 2260 endocrinal tissue**  
(Horm.)  
(E.g. hormone producing tissue in the body.)  
*d* endokrines Gewebe *n*  
*f* tissu *m* endocrine  
*p* tecido *m* endócrino
- 2261 endocrine feedback**  
(Horm.)  
(Ref. to the hormonal responses.)  
*d* endokrine Rückkopplung *f*  
*f* rétroaction *f* endocrine  
*p* retroação *f* endócrina; retroalimentação *f* endócrina
- 2262 endocrine functions**  
(Med.)  
(Ref. to endocrine glands and the hormones they produce.)  
*d* endokrine Funktionen *fpl*  
*f* fonctions *fpl* endocrines  
*p* funções *fpl* endócrinas
- 2263 endocrine glands**  
(Anat.)  
(Ductless glands with internal secretion into the bloodstream. Ex.: Adrenal -pituitary (hypophysis) – parathyroid – thyroid glands; also part of the pancreas, the ovary, placenta and the testis (the pair of male sex organs).)  
*d* endokrine Drüsen *fpl*; Drüsen *fpl* innerer
- Sekretion  
*f* glandes *fpl* endocrines  
*p* glândulas *fpl* endócrinas
- 2264 endocrine regulation**  
(Horm.)  
(The hypothalamic-hypophyseal complex promotes endocrine regulation.)  
*d* endokrine Regulierung *f*  
*f* régulation *f* endocrine  
*p* regulação *f* endócrina
- 2265 endocrine regulation by the hormones**  
(Horm.)  
(Ref. to hormone biochemistry/physiology.)  
*d* endokrine Regulierung *f* durch die Hormone  
*f* régulation *f* endocrinienne par des hormones  
*p* regulação *f* endócrina pelos hormônios
- 2266 endocrine regulation system**  
(Horm.)  
(Ref. to the hypothalamic-hypophyseal complex, responsible for the endocrine regulation system.)  
*d* endokrines Regulierungssystem *n*  
*f* système *m* de régulation endocrine  
*p* sistema *m* de regulação endócrina
- 2267 endocrine system**  
(Anat.)  
(Ref. to the endocrine glands and the hormones they secrete.)  
*d* endokrines System *n*  
*f* système *m* endocrinien  
*p* sistema *m* endócrino
- 2268 endocrine target cell**  
(Horm.)  
(Hormone producing cell type.)  
*d* endokrine Zielzelle *f*  
*f* cellule-cible *f* endocrine  
*p* célula-alvo *f* endócrina
- 2269 endocrinology**  
(Med.)  
(Study of the endocrine glands (ductless glands) and their hormones. It is the science of internal secretions.)  
*d* Endokrinologie *f*  
*f* endocrinologie *f*  
*p* endocrinologia *f*
- 2270 endocrinotherapy**  
(Horm.)  
(Ref. to hormone therapy (see entries on hormones).)  
*d* Endokrinotherapie *f*

- f* endocrinothérapie *f*  
*p* endocrinoterapia *f*
- 2271 endoenzyme**  
 (Enz.)  
 (Ref. to enzymes having their activity range within the cells of the organism.)  
*d* Endoenzym *n*  
*f* endoenzyme *f*  
*p* endoenzima *f*
- 2272 end of the glycolysis process**  
 (Enz.)  
 (Enzymology; e.g. ref. to Krebs-cycle: glyucose decomposition by enzyme-catalyzed process.)  
*d* Ende *n* des Glykolyseprozesses  
*f* terme *m* du processus de la glycolyse  
*p* fim *m* do processo de glicólise; termo *m* do processo de glicólise
- 2273 endogenic biosynthesis**  
 (Enz.)  
 (Auto-synthesis process of substances made by the organism; in biotechnology.)  
*d* endogene Biosynthese *f*  
*f* biosynthèse *f* endogénique  
*p* biossíntese *f* endógena
- 2274 endogenous adj**  
 (Med.)  
 (Caused from within the body.)  
*d* körpereigen; endogen  
*f* endogène  
*p* endógeno
- \* **endogenous active principle** → 691
- 2275 endogenous agonist**  
 (Med.)  
 (E.g. endorphin, a peptide of the brain.)  
*d* körpereigener Agonist *m*; endogener Agonist *m*  
*f* agoniste *m* endogène  
*p* agonista *m* endógeno
- 2276 endogenous cause**  
 (Med.)  
 (Internal cause; parting from within the body.)  
*d* körpereigene Ursache *f*; innere Ursache *f*; endogene Veranlassung *f*  
*f* cause *f* endogène  
*p* causa *f* endógena
- 2277 endogenous correspondency; endogenous similarity**  
 (Pharm.)  
 (Pharmacodynamics; ref. to the similarities between an agonist produced in the body and a corresponding medicament being recognized by the same receptor; (e.g. see entry: morphine).)  
*d* körpereigene Entsprechung *f*; endogene Analogie *f*  
*f* correspondance *f* endogène; analogie *f* endogène  
*p* correspondência *f* endógena; analogia *f* endógena
- 2278 endogenous hormone**  
 (Horm.)  
 (Produced within the living system, within the organs in the body.)  
*d* körpereigenes Hormon *n*  
*f* hormone *f* endogène  
*p* hormônio *m* endógeno
- 2279 endogenous intoxication**  
 (Med.)  
 (Having an internal cause; from inside the organism.)  
*d* körpereigene Vergiftung *f*; endogene Intoxikation *f*  
*f* intoxication *f* endogène  
*p* intoxicação *f* endógena
- 2280 endogenous messenger**  
 (Med.)  
 (Body-own substance, e.g. a hormone.)  
*d* körpereigener Botenstoff *m*  
*f* messenger *m* endogène  
*p* mensageiro *m* endógeno
- 2281 endogenous molecule**  
 (Mol.)  
 (Pharmaceutical chemistry: e.g. the hormones.)  
*d* endogenes Molekül *n*  
*f* molécule *f* endogène  
*p* molécula *f* endógena
- 2282 endogenous NAD formation**  
 (Med.)  
 (E.g. promoted by the metabolism of tryptophan (see entry).)  
*d* endogene NAD-Bildung *f*  
*f* formation *f* endogène de NAD  
*p* formação *f* endógena de NAD
- 2283 endogenous protein**  
 (Enz.)  
 (Resulting amino acids from protein breakdown in metabolism processes.)  
*d* endogenes Protein *n*  
*f* protéine *f* endogène  
*p* proteína *f* endógena

- \* **endogenous similarity** → 2277
- f* endosmose *f*  
*p* endosmose *f*
- 2284 endogenous synthesis**  
(Vit.)  
(E.g. ref. to vitamin synthesis in the body.)  
*d* endogene Synthese *f*  
*f* synthèse *f* endogène  
*p* síntese *f* endógena
- 2285 endonuclease**  
(Enz.)  
(Ref. to a nucleotide chain breaking enzyme.)  
*d* Endonuklease *f*  
*f* endonucléase *f*  
*p* endonuclease *f*
- 2286 endopeptidases**  
(Enz.)  
(Peptide bonds breaking enzymes within the proteic molecule; they have specific action: e.g. pepsin, trypsin etc.)  
*d* Endopeptidasen *fpl*  
*f* endopeptidasen *fpl*  
*p* endopeptidasen *fpl*
- 2287 endoplasmatic reticulum; ER**  
(Cyt.)  
(Site of protein synthesis in the cell.)  
*d* endoplasmatisches Retikulum *n*  
*f* réticulum *m* endoplasmatique  
*p* retículo *m* endoplasmático
- 2288 endorphin**  
(Enz.)  
(END; protein group, originated in the brain (intermediate lobe of the hypophysis), having analgesic properties.)  
*d* Endorphin *n*  
*f* endorfine *f*; endomorphine *f*  
*p* endorfina *f*
- 2289 endorphin as a pain-soothing substance**  
(Enz.)  
(Active substance for analgesic treatment.)  
*d* Endorphin *n* als schmerzstillende Substanz  
*f* endorfine *f* comme de substance anodine; endomorphine *f* comme de substance anodine  
*p* endorfina *f* como substância anódino; endorfina *f* como substância antálgico
- 2290 endosmosis**  
(Prod.)  
(Pharmaceutical processes; in the osmosis process: penetration of a liquid through a membrane into the interior of the cylinder, vessel etc.)  
*d* Endosmose *f*
- 2291 endothermal; endothermic**  
(Prod.)  
(Pharmaceutical processes; chemical and physical processes occurring under consumption of heat; see entry: exothermal; exothermic.)  
*d* endotherm  
*f* endothermique  
*p* endotérmico
- \* **endothermic** → 2291
- 2292 endotoxin**  
(Med.)  
(Bacteria-produced toxin, released during breakdown of the bacterial cell.)  
*d* Endotoxin *n*  
*f* endotoxine *f*  
*p* endotoxina *f*
- 2293 end-product**  
(Prod.)  
(Pharmaceutical technology; final product.)  
*d* Endprodukt *n*  
*f* produit *m* terminé  
*p* produto *m* final
- 2294 end use; final use**  
(Prod.)  
(Pharmaceutical technology; ref. to final product application.)  
*d* Verwendungszweck *m*  
*f* finalité *f*; utilisation *f* finale  
*p* finalidade *f*; utilização *f* final
- 2295 energetic metabolism**  
(Med.)  
(Ref. to physiology.)  
*d* Energiemetabolismus *m*  
*f* métabolisme *m* énergétique  
*p* metabolismo *m* energético
- 2296 energetic support system**  
(Enz.)  
(Enzymology; ref. to enzyme biochemistry.)  
*d* Energieträger-System *n*  
*f* système *m* de support énergétic  
*p* sistema *m* de suporte energético
- 2297 energetic transformation**  
(Vit.)  
(Ref. to biochemical transformation processes in the organism.)  
*d* energetische Umwandlung *f*;  
Energie-Transformation *f*

- f* transformation *f* énergétique  
*p* transformação *f* energética
- 2298 energetic transformation by vitamins**  
 (Vit.)  
 (Ref. to biochemical transformation processes in the organism, influenced, e.g. by certain vitamins.)  
*d* energetische Umwandlung *f* durch Vitamine; Energie-Transformation *f* durch Vitamine  
*f* transformation *f* énergétique par des vitamines  
*p* transformação *f* energética pelas vitaminas
- 2299 energising decomposition; energizing decomposition**  
 (Enz.)  
 (Ref. to Krebs-cycle and cell respiration.)  
*d* energiespendender Abbau *m*  
*f* dégradation *f* énergisante  
*p* decomposição *f* energizante
- \* **energizing decomposition** → **2299**
- 2300 energy**  
 (Prod.)  
 (Pharmaceutical technology; formula E, ref. to stored work (W), i.e.; the capability of a physical system to execute work.)  
*d* Energie *f*  
*f* énergie *f*  
*p* energia *f*
- 2301 energy band**  
 (Mol.)  
 (Ref. to energy range of electrons within a solid; by means of this band model it is possible to interpret many of physical characteristics.)  
*d* Energieband *n*  
*f* band *f* d'énergie  
*p* banda *f* de energia
- 2302 energy cession of an electron**  
 (Mol.)  
 (Ref. to: energy loss, see this entry.)  
*d* Energieabgabe *f* eines Elektrons  
*f* énergie *f* de cession d'un électron  
*p* energia *f* de cessão de um elétron
- \* **energy consume** → **2310**
- 2303 energy exhaustion**  
 (Vit.)  
 (Ref. to human organs and systems for which certain vitamins promote the energy supply.)  
*d* Energieerschöpfung *f*  
*f* épuisement *m* de l'énergie
- p* esgotamento *m* da energia
- 2304 energy gain**  
 (Mol.)  
 (Ref. to the electron which has passed from the internal to an external orbit.)  
*d* Energiegewinn *m*  
*f* gain *m* d'énergie  
*p* ganho *m* de energia
- 2305 energy loss**  
 (Mol.)  
 (Ref. to the electron which has passed from the external to an internal orbit.)  
*d* Energieverlust *m*  
*f* perte *f* d'énergie  
*p* perda *f* de energia
- 2306 energy of atomic interaction**  
 (Mol.)  
 (Molecular biology, pharmaceutical chemistry: ref. to van der Waals (Dutch physicist, Johannes Diderik van der Waals, 1837-1923, Nobel prize 1910) volume. Forces: attractive forces between atoms or molecules.)  
*d* Energie *f* der atomaren Interaktion; Energie *f* der atomaren Zwischenwirkung *f*  
*f* énergie *f* d'interaction atomique  
*p* energia *f* de interação atômica
- 2307 energy of reception of an electron**  
 (Mol.)  
 (Energy gain, see this entry.)  
*d* Energiezufuhr *f* eines Elektrons  
*f* énergie *f* de réception d'un électron  
*p* energia *f* de recepção de um elétron
- 2308 energy production**  
 (Vit.)  
 (Ref. to vitamin activity.)  
*d* Energieaufbau *m*  
*f* production *f* de l'énergie  
*p* produção *f* energética
- 2309 energy production through vitamins**  
 (Vit.)  
 (Ref. to vitamin physiology; vitamin activity.)  
*d* Energieaufbau *m* mit Hilfe von Vitaminen; Energieaufbau *m* mithilfe von Vitaminen  
*f* production *f* de l'énergie à l'aide des vitamines  
*p* produção *f* energética com a ajuda das vitaminas
- 2310 energy requirement; energy consume**  
 (Med.)  
 (Ref. to metabolism, metabolic activity.)  
*d* Energiebedarf *m*; Energieverbrauch *m*

- f* besoin *m* énergétique; consommation *f* énergétique  
*p* necessidade *f* energética; consumo *m* energético
- 2311 energy-rich bonds**  
 (Enz.)  
 (Ref. to coenzyme A-activity.)  
*d* energiereiche Bindungen *fpl*  
*f* liaisons *fpl* riches en énergie  
*p* ligações *fpl* ricas em energia
- \* **energy-rich phosphate bonds** → 4768
- 2312 energy utilization**  
 (Vit.)  
 (Vitamin physiology; ref. to vitamin B<sub>2</sub> (riboflavin) biochemistry in the Krebs-cycle.)  
*d* Energie-Nutzbarmachung *f*; Energie-Ausnutzung *f*  
*f* utilisation *f* énergétique  
*p* utilização *f* energética
- 2313 enkephalin; encephalin**  
 (Horm.)  
 (Enk; either of two, in the brain occurring pentapeptides, with effects like those of opiates (morphine etc).)  
*d* Enkephalin *n*  
*f* enképhaline *f*; encéphaline *f*  
*p* encefalina *f*
- 2314 enkephalin: a hormone present in certain nerve endings**  
 (Horm.)  
 (ENK; see also entry: enkephalin; encephalin.)  
*d* Enkephalin *n*: ein Hormon, welches in gewissen Nervenendungen vorkommt  
*f* enképhaline *f*: une hormone abondante dans certaines terminaisons nerveuses  
*p* encefalina *f*: um hormônio abundante em certas terminações nervosas
- 2315 enkephalin: a hormone which participates in the integration of sensory information**  
 (Horm.)  
 (Participation via nerve endings; see also entry: enkephalin: a hormone present in certain nerve endings; ref. to sensory (pain) information.)  
*d* Enkephalin *n*: ein Hormon, welches an der Integration der sensorischen Informationen beteiligt ist  
*f* enképhaline *f*: une hormone qui participe à l'intégration des informations sensorielles  
*p* encefalina *f*: um hormônio que participa na integração das informações sensoriais
- 2316 enkephalin is a hormone with affinity for opiate receptors; encephalin is a hormone with affinity for opiate receptors**  
 (Horm.)  
 (See also entry: enkephalin: (encephalin): a hormone with analgesic activity.)  
*d* Enkephalin *n* ist ein Hormon mit Affinität zu Opiatrezeptoren  
*f* enképhaline *f* est une hormone ayante de l'affinité avec des récepteurs opiacés; encéphaline *f* est une hormone ayante de l'affinité avec des récepteurs opiacés  
*p* encefalina *f* é um hormônio com afinidade aos receptores opiáceos
- 2317 enkephalin is a hormone with analgesic activity; encephalin is a hormone with analgesic activity**  
 (Horm.)  
 (Hormone biochemistry; hormone physiology.)  
*d* Enkephalin *n* ist ein Hormon mit schmerzstillender Wirkung  
*f* enképhaline *f* est une hormone d'action analgésique; encéphaline *f* est une hormone d'action analgésique  
*p* encefalina *f* é um hormônio de ação analgésica
- 2318 enrichment of the target-site with the medicament**  
 (Pharm.)  
 (Pharmacokinetics; ref. to drug accumulation on specific sites of the body.)  
*d* Anreicherung *f* des Zielortes mit dem Arzneimittel  
*f* enrichissement *m* du site-cible avec le médicament  
*p* enriquecimento *m* do local-alvo com o medicamento
- 2319 entail v the activation of a protein-kinase**  
 (Enz.)  
 (Ref. to hormone/enzyme activity.)  
*d* Aktivierung einer Proteinkinase nach sich ziehen  
*f* entraîner l'activation d'une protéine-kinase  
*p* ocasionar a ativação de uma proteína-quinase
- 2320 enteric coating suspension**  
 (Prod.)  
 (Pharmaceutical technology; special film coating type for pharmaceutical forms, which have to act in the intestines, liberating their bioavailability in the intestines.)  
*d* Überzugs-Suspension *f* für den Darmkanal; intestinale Überzugs-Suspension *f*  
*f* suspension *f* d'enrobage entérique  
*p* suspensão *f* de revestimento entérico

- 2321 enteric coating suspension of tablets**  
(Prod.)  
(Pharmaceutical technology; special film coating type for pharmaceutical forms, which have to act in the intestines, liberating their bioavailability in the intestines.)  
*d* Tablettenüberzugs-Suspension *f* für den Darmkanal; intestinale Tablettenüberzugs-Suspension *f*  
*f* suspension *f* d'enrobage entérique des comprimés  
*p* suspensão *f* de revestimento entérico dos comprimidos
- 2322 enterobacteria** *pl*  
(Prod.)  
(Pharmaceutical processes/production; living microorganism affecting pharmaceutical purity, e.g. salmonella.)  
*d* Enterobakterien *fpl*  
*f* entérobactéries *fpl*  
*p* enterobacterias *fpl*
- 2323 entero-hepatic cycle**  
(Vit.)  
(Vitamin physiology; vitamin cycle within the human body.)  
*d* Darm-Leber-Kreislauf *m*; entero-hepatischer Zyklus *m*  
*f* cycle *m* entéro-hépatique  
*p* ciclo *m* entero-hepático
- \* **entire synthesis of a vitamin** → 6452
- 2324 enveloping for presentation improvement**  
(Prod.)  
(Pharmaceutical processes: tablet treatment for improvement of tablet aspects.)  
*d* Überziehung *f* zur Verbesserung des äußerlichen Aussehens  
*f* enrobage *m* pour l'amélioration de la présentation  
*p* revestimento *m* pela melhora da apresentação
- 2325 enveloping for preservation**  
(Prod.)  
(Pharmaceutical processes: tablet treatment for conservation purposes.)  
*d* Überziehung *f* zur Konservierung; Konservierungsüberzug *m*  
*f* enrobage *m* pour la conservation  
*p* revestimento *m* para a conservação
- 2326 enveloping layer**  
(Prod.)  
(Pharmaceutical technology: coating processes.)  
*d* Überzugsschicht *f*
- f* couche *f* enrobante  
*p* camada *f* de revestimento
- 2327 enveloping material**  
(Prod.)  
(Pharmaceutical technology: coating processes.)  
*d* Überzugsmaterial *n*  
*f* matières *fpl* enrobantes  
*p* material *m* de revestimento
- 2328 enveloping of tablets with acid-proof gelatin[e]**  
(Prod.)  
(Pharmaceutical processes; ref. to tablet coating processes; acid-proof tablet protection for the "intestinal passage", see entry.)  
*d* Überziehung *f* der Tabletten mit säurefester Gelatine  
*f* enrobage *m* des comprimés par la gélatine résistante aux acides  
*p* revestimento *m* dos comprimidos com gelatina resistente aos ácidos
- 2329 enveloping of tablets with keratin**  
(Prod.)  
(Pharmaceutical processes; ref. to tablet coating processes; acid-proof tablet protection for the "intestinal passage", see entry.)  
*d* Überziehung *f* der Tabletten mit Keratin  
*f* enrobage *m* des comprimés par la kératine  
*p* revestimento *m* dos comprimidos com queratina
- 2330 environmental analysis**  
(Prod.)  
(Pharmaceutical technology.)  
*d* Umweltsanalyse *f*  
*f* analyse *f* de l'environnement; analyse *f* environnementale  
*p* análise *f* ambiental
- \* **enzymatic** → 2385
- 2331 enzymatic; enzymatical** *adj*  
(Enz.)  
(Ref. to enzymology.)  
*d* enzymatisch; Enzym betreffend  
*f* enzymatique  
*p* enzimático; enzimico
- 2332 enzymatic activation factor**  
(Enz.)  
(Enzymology.)  
*d* enzymatischer Aktivierungsfaktor *m*; enzymatischer Beschleunigungsfaktor *m*  
*f* facteur *m* d'activation enzymatique  
*p* fator *m* de ativação enzimática

- 2333 enzymatic activators; enzyme activators**  
(Enz.)  
(Enzymatic activators: ions of calcium, magnesium, manganese, zinc etc.)  
*d* Enzym-Aktivatoren *mpl*;  
Enzymaktivatoren *mpl*;  
Enzymbeschleuniger *mpl*  
*f* activateurs *mpl* enzymatiques; activateurs *mpl*  
d'enzymes  
*p* ativadores *mpl* enzimico; ativadores *mpl* de  
enzimas
- 2334 enzymatic activity**  
(Enz.)  
(Supposed to be positively influenced by  
vitamin activity; ref. to enzymology.)  
*d* Enzymaktivität *f*; Enzymwirkung *f*  
*f* activité *f* enzymatique  
*p* atividade *f* enzimática
- \* **enzymatical** → 2332
- 2335 enzymatic catalysis**  
(Enz.)  
(Biotechnology in the field of industrial  
applications: enzyme production etc.)  
*d* enzymatische Katalyse *f*  
*f* catalyse *f* enzymatique  
*p* catálise *f* enzimica; catálise *f* enzimática
- \* **enzymatic complex** → 2362
- 2336 enzymatic conversion**  
(Enz.)  
(Biotechnology in industrial processes.)  
*d* enzymatische Konversion *f*  
*f* conversion *f* enzymatique  
*p* conversão *f* enzimática
- \* **enzymatic cut** → 2345
- \* **enzymatic defect** → 1749
- 2337 enzymatic defectiveness**  
(Enz.)  
(Ref. to enzymology, physiology.)  
*d* Enzymschaden *m*; enzymatische  
Mangelhaftigkeit *f*  
*f* defectuosité *f* enzymatique  
*p* defectibilidade *f* enzimática; defeito *m*  
enzímico
- 2338 enzymatic defence system**  
(Enz.)  
(Enzymology; ref. to immunology.)  
*d* enzymatisches Abwehrsystem *n*  
*f* système *m* de défense enzymatique  
*p* sistema *m* de defesa enzimático
- \* **enzymatic determination** → 2348
- 2339 enzymatic determination**  
(Enz.)  
(Product determination method.)  
*d* enzymatische Bestimmung *f*  
*f* détermination *f* enzymatique  
*p* determinação *f* enzimática
- 2340 enzymatic deviations**  
(Enz.)  
(Causing, e.g. genetic and metabolic  
diseases.)  
*d* enzymatische Abweichungen *fpl*  
*f* déviations *fpl* enzymatiques  
*p* desvios *mpl* enzimáticas; anomalias *fpl*  
enzimáticas
- 2341 enzymatic dysfunction**  
(Enz.)  
(E.g. with the involvement of vitamins as  
cofactors.)  
*d* enzymatische Dysfunktion *f*; gestörte  
enzymatische Funktion *f*  
*f* dysfonctionnement *m* enzymatique  
*p* disfunção *f* enzimática
- 2342 enzymatic effectiveness**  
(Enz.)  
(Highly influenced by vitamin activity, esp.  
the vitamin B group.)  
*d* enzymatische Wirksamkeit *f*  
*f* efficacité *f* enzymatique  
*p* eficácia *f* enzimática
- 2343 enzymatic functions**  
(Enz.)  
(Biotechnology; e.g. enzymes involved in cell  
development.)  
*d* Enzym-Funktionen *fpl*; enzymatische  
Funktionen *fpl*  
*f* fonctions *fpl* enzymatiques  
*p* funções *fpl* enzimáticas
- 2344 enzymatic hydrolysis in the liver**  
(Enz.)  
(Ref. to certain active principles during their  
pathway through the organism.)  
*d* enzymatische Hydrolyse *f* in der Leber  
*f* hydrolyse *f* enzymatique dans la foie  
*p* hidrólise *f* enzimática no fígado
- 2345 enzymatic incision; enzymatic cut**  
(Enz.)  
(Enzymology; enzyme biochemistry.)  
*d* enzymatischer Einschnitt *m*  
*f* coupure *f* enzymatique  
*p* incisão *f* enzimica; corte *m* enzimico

- 2346 enzymatic induction; enzymatic initiation**  
(Enz.)  
(Ref. to vitamin/enzyme metabolism.)  
*d* enzymatische Auslösung *f*; Herbeiführung *f*  
auf enzymatischem Wege  
*f* induction *f* enzymatique  
*p* indução *f* enzimática
- 2347 enzymatic inhibition**  
(Enz.)  
(Ref. to product (effectiveness-) modification  
processes by enzymatic ways.)  
*d* enzymatische Hemmung *f*  
*f* inhibition *f* enzymatique  
*p* inibição *f* enzimática  
  
\* enzymatic initiation → 2346
- 2348 enzymatic method; enzymatic  
determination**  
(Enz.)  
(Ref. to product determination.)  
*d* Enzym-Methode *f*; enzymatische Methode *f*;  
enzymatische Bestimmung *f*  
*f* méthode *f* enzymatique; détermination *f*  
enzymatique  
*p* método *m* enzimático; determinação *f*  
enzimática
- 2349 enzymatic method of determination**  
(Prod.)  
(Pharmaceutical technology, ref. to processes  
of substance analysis.)  
*d* enzymatische Bestimmungsmethode *f*  
*f* méthode *f* enzymatique de détermination  
*p* método *m* enzimática de determinação;  
método *m* enzimico de determinação
- 2350 enzymatic protein**  
(Enz.)  
(Ref. to vitamin/enzyme biochemistry.)  
*d* enzymatisches Protein *n*  
*f* protéine *f* enzymatique  
*p* proteína *f* enzimica
- 2351 enzymatic reaction**  
(Enz.)  
(Enzyme biochemistry, enzymology.)  
*d* enzymatische Reaktion *f*  
*f* réaction *f* enzymatique  
*p* reação *f* enzimática
- 2352 enzymatic synthesis**  
(Enz.)  
(DNA-guided in the organism.)  
*d* Enzymsynthese *f*  
*f* synthèse *f* enzymatique  
*p* síntese *f* enzimática
- 2353 enzymatic synthesis of pure amino acids**  
(Enz.)  
(Biotechnology: products of applied  
biological science.)  
*d* Enzymsynthese *f* reiner Aminosäuren  
*f* synthèse *f* enzymatique d'acides aminés purs  
*p* síntese *f* enzimática de aminoácidos puros
- 2354 enzymatic systems**  
(Enz.)  
(Enzymology: biochemical systems of  
proteins which speeds up biological  
reactions in the body, showing a catalytic  
effect.)  
*d* enzymatische Systeme *npl*  
*f* systèmes *mpl* enzymatiques  
*p* sistemas *mpl* enzimáticos
- 2355 enzymatic transport system**  
(Enz.)  
(E.g. ref. to hydrogen molecule transport in  
biochemical processes.)  
*d* enzymatisches Transportsystem *n*  
*f* système *m* enzymatique transporteur  
*p* sistema *m* enzimático de transporte
- 2356 enzyme**  
(Enz.)  
(Enzymology: proteic substance which  
accelerates and catalyzes specific  
biochemical reactions:  
enzyme=ferment=diastase.)  
*d* Enzym *n*  
*f* enzyme *f*  
*p* enzima *f*  
  
\* enzyme activators → 2333
- 2357 enzyme-activators of amino acids**  
(Enz.)  
(E.g. ref. to certain synthetases. Activating  
enzymes.)  
*d* Enzymaktivatoren *mpl* der Aminosäuren  
*f* enzymes *fpl* activateurs d'acides aminés  
*p* enzimas *fpl* ativadores dos aminoácidos  
  
\* enzyme, a giant molecule → 2358
- 2358 enzyme, a macromolecule; enzyme, a giant  
molecule**  
(Enz.)  
(Enzymology; enzyme characteristic.)  
*d* Enzym *n*, ein Makromolekül; Enzym *n*, ein  
Riesenmolekül  
*f* enzyme *f*, une macromolécule; enzyme *f*, une  
molécule géante  
*p* enzima *f*, uma macromolécula; enzima *f*, uma  
molécula gigante



- 2359 enzyme as a reactional catalyst; enzyme as a reactional catalyzer**  
(Enz.)  
(Biotechnology; enzyme characteristic; ref. to activity of enzymes in cell life.)  
*d* Enzym *n* als reaktioneller Katalysator  
*f* enzyme *f* comme catalyseur réactionnel  
*p* enzima *f* como catalisador reacional
- \* **enzyme as a reactional catalyzer** → 2359
- 2360 enzyme as mediator and activator**  
(Enz.)  
(Ref. to enzymes which condition the biochemical processes in the human body, acting together with vitamins.)  
*d* Enzym *n* als Vermittler und Aktivator  
*f* enzyme *f* comme médiateur et activateur  
*p* enzima *f* como mediador e ativador
- 2361 enzyme-blocking** *adj*  
(Enz.)  
(Enzymology, e.g. ref. to medicamentous activity))  
*d* enzymblockierend  
*f* enzyme-bloquant  
*p* enzima-bloqueante; enzima-bloqueador
- 2362 enzyme complex; enzymatic complex**  
(Enz.)  
(Enzymology; parts of the total enzyme are: the coenzyme + apoenzyme = holoenzyme.)  
*d* Enzymkomplex *m*  
*f* complexe *m* enzymatique  
*p* complexo *m* enzimático
- 2363 enzyme-dependent** *adj*  
(Enz.)  
(Enzymology: ref. to various vital processes in the human body.)  
*d* enzymabhängig  
*f* enzymo-dépendant  
*p* enzimo-dependente
- 2364 enzyme-dependent reaction velocity**  
(Enz.)  
(Ref. to enzymology; reaction characteristic in biochemistry, esp. related to coenzyme activity.)  
*d* enzymabhängige Reaktionsgeschwindigkeit  
*f* vitesse *f* de réaction dépendant des enzymes  
*p* velocidade *f* da reação dependente de enzimas
- 2365 enzyme inhibition in alcoholic fermentation**  
(Enz.)  
(Ref. to the inhibition of enzyme activity in fermentation processes.)  
*d* Enzymhemmung *f* in der alkoholischen Fermentation; Fermenthemmung *f* in der Alkoholfermentation  
*f* inhibition *f* des enzymes dans la fermentation alcoolique; inhibition *f* des enzymes dans la fermentation d'alcool  
*p* inibição *f* das enzimas na fermentação alcoólica; inibição *f* das enzimas na fermentação do álcool
- 2366 enzyme inhibition substance**  
(Enz.)  
(Enzymology; ref. to certain drugs, e.g. in chemotherapy.)  
*d* Enzymhemmstoff *m*  
*f* substance *f* de l'inhibition des enzymes  
*p* substância *f* de inibição das enzimas
- 2367 enzyme-metal substrate**  
(Enz.)  
(Ref. to vitamin/enzyme-biochemistry.)  
*d* Enzym-Metall-Substrat *n*  
*f* enzyme-métal-substrat *m*  
*p* substrato *m* de enzima e metal
- 2368 enzymes products in cultures of microorganisms**  
(Enz.)  
(Biotechnology: products of applied biological science; e.g. proteases. See also this entry.)  
*d* Enzyme *npl* in Kulturen von Mikroorganismen produziert  
*f* enzymes *fpl* produites par culture de microorganismes  
*p* enzimas *fpl* produzidos por culturas de microorganismos
- 2369 enzyme-resistant penicillin**  
(Ant.)  
(Ref. to penicillinase resistance, enzyme which is able to inactivate penicillin.)  
*d* enzymfestes Penicillin *n*  
*f* pénicilline *f* résistante aux enzymes  
*p* penicilina *f* resistente às enzimas
- 2370 enzymes are found in cell reactions**  
(Enz.)  
(Biotechnology; e.g. enzymes involved in cell development.)  
*d* Enzyme *npl* finden sich in den Zellreaktionen an  
*f* enzymes *fpl* se situent dans les réactions cellulaires  
*p* enzimas *mpl* encontram-se nas reações da vida celular

- 2371 enzymes are involved in the articulation of cell structures**  
(Enz.)  
(Biotechnology; e.g. enzymes involved in cell development.)  
*d* Enzyme *npl* spielen eine Rolle im Aufbau der Zellstrukturen  
*f* enzymes *fpl* jouent un rôle dans l'articulation des structures cellulaires  
*p* enzimas *fpl* desempenham um papel na estruturação das células
- 2372 enzymes are involved in the molecular cell degradation process**  
(Enz.)  
(Biotechnology; e.g. enzymes involved in cell development.)  
*d* Enzyme *npl* nehmen am molekularem Zerfall-Prozess der Zellen teil  
*f* enzymes *fpl* participent à la dégradation moléculaire des cellules  
*p* enzimas *fpl* participam no processo de degradação molecular das células
- 2373 enzymes are responsible for the synthesis of the macromolecular components of the cells**  
(Enz.)  
(Biotechnology; e.g. enzymes involved in cell development.)  
*d* Enzyme *npl* sind für die Synthese der makromolekularen Komponenten der Zellen verantwortlich  
*f* enzymes *fpl* sont responsables de la synthèse des composants macromoléculaires des cellules  
*p* enzimas *fpl* são responsáveis pela síntese dos componentes macromoleculares das células
- 2374 enzymes as catalyzers**  
(Enz.)  
(Biotechnology; e.g. enzymes involved in cell metabolism.)  
*d* Enzyme *npl* als Katalysatoren  
*f* enzymes *fpl* comme des catalyseurs  
*p* enzimas *fpl* como catalisadores
- 2375 enzymes as intermediary activators**  
(Enz.)  
(Enzymology; enzymes as reaction activators in physiology.)  
*d* Enzyme *npl* als Beschleunigungs-Vermittler  
*f* enzymes *fpl* comme des intermédiaires activateurs  
*p* enzimas *fpl* como ativadores intermediários
- 2376 enzymes as specific intermediates**  
(Enz.)  
(Enzymology; enzymes acting in specific reactions in physiology.)  
*d* Enzyme *npl* als spezifische Vermittler  
*f* enzymes *fpl* comme des intermédiaires spécifiques  
*p* enzimas *fpl* como intermediários específicos
- 2377 enzymes capable of degrading toxic molecules**  
(Enz.)  
(Biotechnology; ref. to specific enzyme activity.)  
*d* toxische Moleküle abbaufähige Enzyme *npl*; giftige Moleküle abbaufähige Enzyme *npl*  
*f* enzymes *fpl* capables de dégrader des molécules toxiques  
*p* enzimas *fpl* capazes de degradar as moléculas tóxicas
- 2378 enzymes that function in a biosynthetic pathway**  
(Enz.)  
(E.g. ref. to multienzyme complex; see also this entry.)  
*d* Enzyme *npl* welche auf dem biosynthetischem Wege funktionieren  
*f* enzymes *fpl* fonctionnantes en voies biosynthétiques  
*p* enzimas *fpl* funcionando por caminhos biossintéticos
- 2379 enzyme-stimulating**  
(Enz.)  
(Enzymology.)  
*d* enzym-anregend; enzym-stimulierend  
*f* enzyme-stimulant  
*p* enzima-estimulador
- 2380 enzyme substrate**  
(Enz.)  
(Enzymology; a substance on which an enzyme acts.)  
*d* Enzymsubstrat *n*  
*f* substrat *m* enzymique  
*p* substrato *m* enzimico
- \* **enzyme-substrate bond** → 2381
- 2381 enzyme-substrate combination; enzyme-substrate bond**  
(Enz.)  
(Ref. to vitamin-enzyme biochemistry.)  
*d* Enzym-Substrat-Verbindung *f*;  
Enzym-Substrat-Bindung *f*  
*f* combinaison *f* d'enzyme-substrat; liaison *f* entre l'enzyme et le substrat  
*p* combinação *f* de enzima-substrato; ligação *f* entre enzima e substrato

- 2382 enzyme systems in cell organization**  
(Enz.)  
(Biotechnology; enzyme characteristic; ref. to activity of enzymes in cell life.)  
*d* Enzymsysteme *npl* in der Zellorganisation  
*f* systèmes *mpl* d'enzymes dans l'organisation cellulaire  
*p* sistemas *mpl* de enzimas na organização celular
- 2383 enzyme technology**  
(Enz.)  
(Biotechnology; method for the production of organic substances, in substitution of complicated chemical processes; focal point: application in analysis and medicine.)  
*d* Enzymtechnologie *f*  
*f* technologie *f* des enzymes  
*p* tecnologia *f* das enzimas
- 2384 enzymotherapy**  
(Med.)  
(Enzymology, physiology.)  
*d* Enzymtherapie *f*  
*f* enzymothérapie *f*  
*p* enzimo-terapia *f*; terapia *f* à base de enzimas
- 2385 enzymic; enzymatic adj**  
(Enz.)  
(Enzymology: relating to an enzyme.)  
*d* enzymisch; enzymbetreffend  
*f* enzymique  
*p* enzimico
- 2386 enzymology**  
(Enz.)  
(Biochemistry which deals with enzymes.)  
*d* Enzymforschung *f*; Enzymologie *f*  
*f* enzymologie *f*  
*p* enzimologia *f*; pesquisa *f* de enzimas
- 2387 enzymopathic adj**  
(Enz.)  
(Ref. to enzymology.)  
*d* enzymopatisch  
*f* enzymopathique  
*p* enzimopático
- 2388 ephedrine**  
(Prod.)  
(C<sub>10</sub>H<sub>15</sub>NO; medicamentous substance. Phenylethylamine derivative; see entries "alkaloids with nonnitrogenous cycles" and "alkaloid". Use: e.g. sympathomimetic agent for allergic disorders, nasal decongestant.)  
*d* Ephedrin *n*  
*f* éphédrine *f*
- p* efedrina *f*
- 2389 epidermis**  
(Anat.)  
(Outer skin layer.)  
*d* Oberhaut *f*; Epidermis *f*  
*f* épiderme *m*  
*p* epiderme *f*
- 2390 epiglottis**  
(Anat.)  
(Body part of the larynx, covering its entrance during swallowing.)  
*d* Kehldeckel *m*  
*f* épiglotte *f*  
*p* epiglote *f*
- 2391 epithelium regulation**  
(Vit.)  
(Supposed effect of fat-soluble vitamin-action on the external upper cell-layer of the skin.)  
*d* Epitheliumregulierung *f*  
*f* régulation *f* des épithéliums  
*p* regulação *f* do epitélio
- 2392 equation of state**  
(Mol.)  
(See entry: van der Waals equation.)  
*d* Zustandsgleichung *f*  
*f* équation *f* d'état  
*p* equação *f* de estado
- \* **equilibrium break down in vitamin supply**  
→ 2396
- 2393 equilibrium of energetic reserves of the body**  
(Horm.)  
(Ref. to glucose reserves, influenced positively by the activity of glucocorticoids, hormones related to carbohydrate metabolism.)  
*d* Gleichgewicht *n* der Energiereserven des Körpers  
*f* équilibre *m* des réserves énergétiques du corps  
*p* equilíbrio *m* das reservas energéticas do corpo
- 2394 equilibrium of the calcium balance**  
(Med.)  
(Calcium is involved in nearly all cellular functions; also e. g. in blood coagulation.)  
*d* Ausgeglichenheit *f* des Kalziumhaushalts  
*f* équilibre *m* du bilan calcique  
*p* equilíbrio *m* do teor de cálcio

- 2395 equilibrium of the potassium/sodium balance of the body**  
(Med.)  
(Important elements of the organism: potassium in erythrocytes (red blood cells, liver, muscles) and sodium in blood plasma and extracellular fluids.)  
*d* Ausgeglichenheit *f* des Kalium/Natriumhaushaltes des Körpers  
*f* équilibre *m* du bilan de potassium/sodium du corps  
*p* equilíbrio *m* do teor de potássio/sódio do corpo
- 2396 equilibrium rupture in vitamin supply; equilibrium break down in vitamin supply**  
(Vit.)  
(E.g. by intestinal resorption failure.)  
*d* Zusammenbruch *m* der Vitaminzufuhr; Unterbrechung *f* der Vitaminzufuhr  
*f* rupture *f* d'équilibre d'approvisionnement vitaminique; interruption *f* d'équilibre d'approvisionnement vitaminique  
*p* ruptura *f* do equilíbrio de fornecimento vitamínico; interrupção *f* do equilíbrio de fornecimento vitamínico
- 2397 equimolar** *adj*  
(Mol.)  
(Having the same mole numbers of different ingredients; e.g. equimolar mixture.)  
*d* äquimolar  
*f* équimolaire  
*p* equimolar
- 2398 equimolecular** *adj*  
(Mol.)  
(Ref. to an equimolecular mixture, which has various substances in equal molecular proportions.)  
*d* äquimolekular  
*f* équimoléculaire  
*p* equimolecular
- 2399 equivalency**  
(Prod.)  
(Pharmaceutical technology; e.g. ref. to equivalency of properties of active principles; also of equivalent processes; equivalent weight (ref. to atomic/molecular weight).)  
*d* Äquivalenz *f*; Gleichwertigkeit *f*  
*f* équivalence *f*  
*p* equivalência *f*
- 2400 equivalent weight**  
(Mol.)  
(Ref. to a compound mass in chemical reactions, capable of combination with one gram of hydrogen; atomic or molecular weight divided by the valance.)  
*d* Äquivalentgewicht *n*;  
Gleichwertigkeitsgewicht *n*  
*f* poids *m* équivalent; poids *m* de combinaison  
*p* peso *m* equivalente  
  
\* ER → 2287
- 2401 erepsin**  
(Enz.)  
(Enzyme-group in the intestine and pancreatic secretion, including aminopeptidases and dipeptidases.)  
*d* Erepsin *n*  
*f* érepsine *f*  
*p* erepsina *f*
- 2402 ergastoplasm; ribosome-studded endoplasmic reticulum; rough endoplasmic reticulum**  
(Cyt.)  
(Ref. to inner cell structure.)  
*d* Ergastoplasma *n*; endoplasmatisches Ribosomen enthaltendes Retikulum *n*  
*f* ergastoplasme *m*; réticulum *m* endoplasmique contenant des ribosomes  
*p* ergastoplasma *m*; retículo *m* endoplasmático rugoso  
  
\* ergocalciferol → 6833
- 2403 ergocalciferol and calciferol are synonyms and determine vitamin D<sub>2</sub>**  
(Vit.)  
(Vitamin biochemistry; C<sub>28</sub>H<sub>44</sub>O.)  
*d* Ergocalciferol *n* und Calciferol *n* sind Synonyme und bestimmen das Vitamin D<sub>2</sub>  
*f* ergocalciférol *m* et calciférol *m* sont des synonymes et déterminent la vitamine D<sub>2</sub>  
*p* ergocalciferol *m* e calciferol *m* são sinônimos e determinam a vitamina D<sub>2</sub>
- 2404 ergocalciferol has a biological vitamin D activity**  
(Vit.)  
(Vitamin biochemistry; C<sub>28</sub>H<sub>44</sub>O; vitamin D<sub>2</sub>)  
*d* Ergocalciferol *n* hat eine biologische Vitamin D-Aktivität  
*f* ergocalciférol *m* a d'activité biologique de la vitamine D<sub>2</sub>  
*p* ergocalciferol *m* possui uma atividade biológica de vitamina D<sub>2</sub>  
  
\* ergosterin → 2405  
\* ergosterin as precursor of vitamin D<sub>2</sub> → 2406

- 2405 ergosterol; ergosterin**  
(Vit.)  
(C<sub>28</sub>H<sub>44</sub>O; ergosterine = phytosterol having the function of provitamin D.)  
*d* Ergosterol *n*; Ergosterin *n*  
*f* ergostérol *m*  
*p* ergosterol *m*
- 2406 ergosterol as precursor of vitamin D<sub>2</sub>; ergosterin as precursor of vitamin D<sub>2</sub>**  
(Vit.)  
(Vitamin physiology; C<sub>28</sub>H<sub>44</sub>O.)  
*d* Ergosterol *n* als Vorläufer von Vitamin D<sub>2</sub>; Ergosterin *n* als Vorstufe von Vitamin D<sub>2</sub>  
*f* ergostérol *m* comme précurseur de la vitamine D<sub>2</sub>  
*p* ergosterol *m* como precursor da vitamina D<sub>2</sub>
- 2407 ergot; spurred rye**  
(Phyto.)  
(*Secale cornutum*; of the fungus "*Claviceps purpurea* (Fies) Tul., Hypocreaceae"; parasite on rye; active principle: ergotamine (C<sub>33</sub>H<sub>35</sub>N<sub>5</sub>O<sub>5</sub>); use: oxytotic (stimulating muscle contraction of the womb). In migraine treatment.)  
*d* Mutterkornpilz *m*  
*f* ergot *m* du seigle  
*p* esporão *m* do centeio
- 2408 ergotamine**  
(Phyto.)  
(C<sub>33</sub>H<sub>35</sub>N<sub>5</sub>O<sub>5</sub>; see entries: "derivatives of the indole core" and "derivative of ergot; spurred rye"; medicamentous substance; analgetic; migraine headache treatment; stimulating womb muscle contractions during labour.)  
*d* Ergotamin *n*  
*f* ergotamine *f*  
*p* ergotamina *f*
- 2409 error of the oxidative decarboxylation; faulty in oxidative decarboxylation**  
(Vit.)  
(Vitamin physiology; ref. to hereditary pathologies: thiamine (vitamin B<sub>1</sub>)-sensitive.)  
*d* fehlerhafte oxidative Decarboxilierung *f*  
*f* défaut *m* de la décarboxylation oxydative  
*p* decarboxilação *f* oxidativa defeituosa
- 2410 erythrocyte**  
(Anat.)  
(See entry: red blood corpuscle; red blood cell.)  
*d* Erythrozyt *m*  
*f* érythrocyte *m*  
*p* eritrócito *m*
- 2411 erythrocytic enzymopathy**  
(Med.)  
(Hemolytic anemia.)  
*d* Erythrozytenenzymopathy *f*  
*f* enzymopathie *f* érythrocytique  
*p* enzimopatía *f* eritrocítica
- 2412 erythromycin**  
(Ant.)  
(C<sub>37</sub>H<sub>67</sub>NO<sub>13</sub>; selective-spectrum antibiotic.)  
*d* Erythromicin *n*; Erythromizin *n*  
*f* érythromycine *f*  
*p* eritromicina *f*
- 2413 erythropoietin**  
(Horm.)  
(EPO; also: haemopoietin; kidney-originated hormone, promoting and controlling red blood cell formation in the erythropoiesis (erythrogenesis) process.)  
*d* Erythropoietin *n*  
*f* érythropoétine *f*  
*p* eritropoietina *f*; hemopoietina *f*
- 2414 eserine; physostigmine**  
(Phyto.)  
(C<sub>15</sub>H<sub>21</sub>N<sub>3</sub>O<sub>2</sub>; from: physostigma; calabar bean; see this entry; use: e.g. in glaucoma (for eye pupil contraction); parasymphomimetic agent.)  
*d* Eserin *n*; Physostigmin *n*  
*f* ésérine *f*; physostigmine *f*  
*p* eserina *f*; fisostigmina *f*
- \* **esophageal** *adj* → 4412
- \* **esophagus** → 4413
- \* **essay** → 6297
- 2415 essence as alcoholic solution of ethereal oils**  
(Prod.)  
(Pharmaceutical technology.)  
*d* Essenz *f* als alkoholische Lösung ätherischer Öle  
*f* essence *f* comme solution alcoolique des huiles étherées  
*p* essência *f* como solução alcoólica de óleos voláteis
- 2416 essence as volatile oil**  
(Phyto.)  
(Essential oil, vaporizable at low temperature; volatile active principles of plant origin.)  
*d* Essenz *f* als flüchtige Öle  
*f* essence *f* comme huiles volatiles  
*p* essência *f* como óleos voláteis

- 2417 essence distillate**  
(Phyto.)  
(Ref. to composition-examination methods of essences.)  
*d* Essenzdestillat *n*  
*f* distillat *m* d'une essence  
*p* destilado *m* de uma essência
- 2418 essential amino acids**  
(Med.)  
(Physiology: must be obtained for the body from diet-protein.)  
*d* essentielle Aminosäuren *fpl*  
*f* aminoácidos *mpl* essenciais  
*p* aminoácidos *mpl* essenciais
- 2419 essential elements in form of cations; essential minerals in form of cations**  
(Med.)  
(Necessary for the organism, intake with food (see respect. entry "anions"): calcium, copper, cobalt, iron, magnesium, manganese, potassium, sodium, zinc.)  
*d* essentielle Elemente *npl* in der Form von Kationen; essentielle Mineralstoffe *mpl* in der Form von Kationen  
*f* éléments *mpl* essentiels sous forme de cations; minéraux *mpl* essentiels sous forme de cations  
*p* elementos *mpl* essenciais em forma de cátions; minerais *mpl* essenciais em forma de cátions
- 2420 essential fatty acids**  
(Med.)  
(Physiology; necessary for maintaining good health conditions, together with vitamins and mineral salts.)  
*d* essentielle Fettsäuren *fpl*  
*f* acides *mpl* gras essentiels  
*p* ácidos *mpl* graxos essenciais
- \* **essential minerals in form of cations** → **2419**
- 2421 ester**  
(Prod.)  
(Pharmaceutical chemistry; reaction product between alcohols and acids.)  
*d* Ester *m*  
*f* ester *m*  
*p* éster *m*
- 2422 esterases**  
(Enz.)  
(Enzymology: enzyme group which breaks down the esters into their specific alcohols and acids.)
- d* Esterasen *fpl*  
*f* estérases *fpl*  
*p* esterases *fpl*
- 2423 esterification**  
(Enz.)  
(Biotechnology: esterification-reaction: alcohol + acid – ester + water. The inversion is called "hydrolysis".)  
*d* Veresterung *f*  
*f* estérification *f*  
*p* esterificação *f*
- 2424 esterification reversal is hydrolysis**  
(Prod.)  
(Pharmaceutical processes; reverse reaction of esterification.)  
*d* Veresterungs-Umkehrung *f* ist die Hydrolyse  
*f* inversion *f* de l'estérification est de l'hydrolyse  
*p* inversão *f* da esterificação é a hidrólise
- 2425 esterify v**  
(Prod.)  
(Pharmaceutical processes; convert into an ester.)  
*d* verestern  
*f* estérifier  
*p* esterificar
- 2426 estradiol**  
(Horm.)  
(C<sub>18</sub>H<sub>24</sub>O<sub>2</sub>; estrogenic hormone; female sex hormone.)  
*d* Östradiol *n*  
*f* œstradiol *m*; estradiol *m*  
*p* estradiol *m*
- 2427 estradiol and estrone are the most important estrogens**  
(Horm.)  
(Female sex hormones; see also entry: "estrogen; estrogenic hormones".)  
*d* Östradiol *n* und Östron *n* sind die wichtigsten Östrogenhormone  
*f* œstradiol *m* et œstrone *m* sont les hormones œstrogènes les plus importantes; œstradiol *m* et folliculine *f* sont les hormones œstrogènes les plus importantes  
*p* estradiol *m* e a estrina *f* são os estrogênios mais importantes; estradiol *m* e foliculina *f* são os estrogênios mais importantes
- 2428 estradiol as a medicament is absorbed through the mucosa**  
(Pharm.)  
(See entry: natural estradiol as a medicament of the menopause.)

- d* Östradiol *n* als Arzneimittel wird durch die Schleimhaut absorbiert
- f* œstradiol *m* comme médicament est absorbé de la muqueuse; œstradiol *m* comme médicament est absorbé à travers par la muqueuse
- p* estradiol *m* como medicamento é absorvido através da mucosa
- 2429 estradiol as a medicament is rapidly absorbed by the gastric-intestinal tract** (Pharm.)  
(See entry: natural estradiol as a medicament of the menopause.)
- d* Östradiol *n* als Arzneimittel wird schnell vom Magen-Darmkanal aufgenommen
- f* œstradiol *m* comme médicament est absorbé vite par le tractus gastro-intestinal; œstradiol *m* comme médicament est absorbé rapidement par le tractus gastro-intestinal
- p* estradiol *m* como medicamento é rapidamente absorvido pelo trato gastrintestinal
- 2430 estradiol is a natural estrogen** (Horm.)  
(See entry: estrogen; estrogenic hormones.)
- d* Östradiol *n* ist ein natürliches Östrogen
- f* œstradiol *m* est un œstrogène naturel; estradiol *m* est un œstrogène naturel
- p* estradiol *m* é um estrogênio natural
- 2431 estradiol is formed in the ovarian follicle** (Horm.)  
(Hormone physiology; origin of one of the female sex hormones; see entry: female sex hormone.)
- d* Östradiol *n* wird im Eifollikel gebildet
- f* œstradiol *m* est formé dans le follicule ovarien; estradiol *m* est formé dans le follicule ovarien
- p* estradiol *m* é formado no folículo ovariano
- 2432 estradiol metabolism is essentially a hepatic one** (Pharm.)  
(Pharmacokinetics; ref. to the way of action of the estrogenic hormone estradiol; see this entry.)
- d* Östradiol-Stoffwechsel *m* ist wesentlich ein hepatischer
- f* métabolisme *m* de l'estradiol est essentiellement hépatique
- p* metabolismo *m* de estradiol é essencialmente hepático
- 2433 estrogen; estrogenic hormone** (Horm.)
- (Sex hormone, stimulating development of female secondary sex characteristics.)
- d* Östrogen *n*
- f* œstrogène *m*; hormone *f* œstrogène
- p* estrógeno *m*
- 2434 estrogenic constituents of isoflavones** (Horm.)  
(Ref. to phytotherapeutic hormones; biotechnology.)
- d* Östrogen-Bestandteile *mpl* der Isoflavone
- f* constituants *mpl* œstrogènes des isoflavones
- p* constituintes *mpl* estrogênicos das isoflavonas
- \* **estrogenic hormone** → 2433
- 2435 estrogenotherapy** (Horm.)  
(Application of hormones in medicine.)
- d* Östrogentherapie *f*
- f* œstrogénothérapie *f*
- p* terapia *f* à base de estrogênios
- 2436 estrogen secretion** (Horm.)  
(FSH; follicle-stimulating hormone (see this entry) stimulates the estrogen secretion.)
- d* Östrogensekretion *f*
- f* sécrétion *f* d'œstrogène
- p* secreção *f* de estrogênio
- 2437 estrone** (Horm.)  
(1,3,5-estratrien-3-ol-17-one, (C<sub>18</sub>H<sub>22</sub>O<sub>2</sub>); oestrone; an estrogenic hormone, follicular hormone)
- d* Östron *n*
- f* œstrone *f*; folliculine *f*
- p* estrina *f*; foliculina *f*
- 2438 estrone is one of the estrogenic hormones** (Horm.)  
(Female sex hormone, secreted by the ovary and the pancreas.)
- d* Östron *n* ist eines der Östrogenhormone
- f* œstrone *f* est l'une des hormones œstrogènes
- p* estrina *f* é um dos estrogênios
- 2439 ethanol; anhydrous alcohol** (Vit.)  
(Vitamin technology; C<sub>2</sub>H<sub>6</sub>O; in this specific case: antagonist of some vitamins.)
- d* Äthanol *m*; Äthylalkohol *m*; Weingeist *m*
- f* éthanol *m*; alcool *m* éthylique
- p* etanol *m*; álcool *m* etílico

- 2440 ethanol produced by fermentation**  
(Prod.)  
(Biotechnology; ethanol (ethyl alcohol; C<sub>2</sub>H<sub>5</sub>OH); in Brazil obtained from sugar cane, in other countries: from grain (grain alcohol.)
- d* Ethanol *n* durch Gärung produziert; Äthanol *n* durch Gärung produziert
- f* éthanol *m* produit par fermentation
- p* etanol *m* produzido por fermentação
- 2441 ether**  
(Prod.)  
(Ethoxyethane; C<sub>4</sub>H<sub>10</sub>O; organic compounds having the general formula: R<sub>1</sub>-O-R<sub>2</sub>; these compounds appear in many natural products, like sugar and starch etc.)
- d* Äther *m*
- f* éther *m*
- p* éter *m*
- 2442 etherification**  
(Prod.)  
(Pharmaceutical processes; ref. to conversion into ether.)
- d* Ätherifizierung *f*
- f* éthérification *f*
- p* eterificação *f*
- 2443 etherification process**  
(Prod.)  
(Pharmaceutical processes; ref. to conversion into ether.)
- d* Ätherifizierungsprozess *m*
- f* processus *m* de l'éthérification
- p* processo *m* de eterificação
- 2444 etherify *v***  
(Prod.)  
(Pharmaceutical processes; ref. to conversion into ether: convert alcohol into ether.)
- d* ätherifizieren
- f* éthérifier
- p* eterificar
- 2445 ethyl cellulose**  
(Prod.)  
(Ethyl ether of cellulose in pharmaceutical technology. Auxiliary in film-coatings and binding auxiliary in tablet production.)
- d* Äthylcellulose *f*
- f* éthylcellulose *f*; cellulose *f* éthylique
- p* celulose *f* etilica
- 2446 ethylenediaminetetraacetic acid; EDTA**  
(Prod.)  
(C<sub>10</sub>H<sub>16</sub>N<sub>2</sub>O<sub>8</sub>; chelating agent, used e.g. against metal poisoning.)
- d* Äthylendiamintetraessigsäure *f*; EDTA
- f* acide *m* éthylène-diamino-tétracétique; EDTA
- p* ácido *m* etilenodiamino tetracético; EDTA
- 2447 ethyl formate**  
(Vit.)  
(C<sub>3</sub>H<sub>6</sub>O<sub>2</sub>; in organic synthesis, e.g. in synthesis pathway of vitamin B<sub>1</sub>, thiamine hydrochloride.)
- d* Äthylformiat *n*
- f* éthyle *m* formiate; formiate *m* d'éthyle
- p* formiato *m* de etila
- 2448 eucalyptus oil**  
(Phyto.)  
("Eucalyptus globulus Labill.; Myrtaceae" dinkum oil; use: expectorant, sinusitis, catarrh; febrifuge; for inhalation and massage. Preparations for internal and external use.)
- d* Eukalyptusöl *n*
- f* huile *f* de l'eucalyptus
- p* óleo *m* de eucalipto
- 2449 euphorbia; snake-weed; pill-bearing spurge**  
(Phyto.)  
("Euphorbia hirta L.", "Euphorbia pilulifera L." – Euphorbiaceae; medicinal active principle: used in asthma and bronchitis.)
- d* Euphorbia *f*; Wolfsmilch *f*
- f* euphorbe *f*
- p* euforbiácea *f*
- 2450 euploid *adj***  
(Enz.)  
(Having a chromosome structure number which is a multiple of the monoploid number.)
- d* euploid
- f* euploïde
- p* euploïde
- 2451 evaluation of a vitamin activity**  
(Cyt.)  
(Vitamin physiology.)
- d* Bewertung *f* einer Vitaminaktivität
- f* évaluation *f* d'une activité vitaminique
- p* avaliação *f* de uma atividade vitamínica
- 2452 evaporated in waterbath**  
(Prod.)  
(Pharmaceutical processes; heat bath type, used e.g. in research and analysis, see entry: waterbath.)
- d* verdunstet im Wasserbad
- f* évaporé au bain-marie
- p* evaporado em banho-maria



- 2453 evaporate *v* to dryness**  
(Prod.)  
(Ref. to pharmaceutical processes in product determination.)  
*d* verdunsten bis zum Trockenheitszustand  
*f* évaporer jusqu'à sec total  
*p* evaporar até a dessecação
- 2454 evaporation**  
(Prod.)  
(Pharmaceutical processes; ref. to the state of change of a liquid into the gaseous state by boiling or vaporization.)  
*d* Verdampfung *f*; Verdampfen *n*  
*f* évaporation *f*  
*p* evaporação *f*
- 2455 evaporation heat**  
(Prod.)  
(Pharmaceutical processes; specific evaporation heat is equal to specific condensation heat.)  
*d* Verdampfungswärme *f*  
*f* chaleur *f* d'évaporation  
*p* calor *m* de evaporação
- 2456 evaporation process by convection**  
(Prod.)  
(Pharmaceutical processes; a heat transfer process.)  
*d* Prozess *m* der Konvektionsverdampfung; Verdunstungsprozess *m* durch Wärmekonvektion; Verdunstungsprozess *m* durch Wärmeströmung  
*f* procédé *m* d'évaporation par convection  
*p* processo *m* de evaporação por convecção
- 2457 evaporation process by heat conduction**  
(Prod.)  
(Pharmaceutical processes; in this process is the heat transferred to the liquid mass to be evaporated, by the contact with a heated surface.)  
*d* Verdampfungsprozess *m* durch Wärmeleitung  
*f* procédé *m* d'évaporation par conduction de la chaleur  
*p* processo *m* de evaporação por condução de calor
- 2458 evaporation process by irradiation**  
(Prod.)  
(Pharmaceutical processes; e.g. by infrared irradiation.)  
*d* Verdampfungsprozess *m* durch Bestrahlung; Verdunstungsprozess *m* durch Bestrahlung  
*f* procédé *m* d'évaporation par rayonnement  
*p* processo *m* de evaporação por irradiação
- 2459 evaporation residue**  
(Prod.)  
(Pharmaceutical processes; ref. to evaporation processes.)  
*d* Verdampfungsrückstand *m*  
*f* résidu *m* après évaporation  
*p* resíduo *m* após evaporação
- 2460 evaporation residue of a solution**  
(Prod.)  
(Pharmaceutical processes; e.g. in determination processes, analytical processes.)  
*d* Verdampfungsrückstand *m* einer Lösung  
*f* résidu *m* d'évaporation d'une solution  
*p* resíduo *m* de evaporação de uma solução
- 2461 evolution as a progressive transformation of a living species**  
(Enz.)  
(E.g. in microbiology.)  
*d* Evolution *f* als eine langsam bruchlos fortschreitende Entwicklung einer Spezies  
*f* évolution *f* comme transformation progressive d'une espèce vivante  
*p* evolução *f* como a transformação progressiva de uma espécie viva
- 2462 evolution of a biotechnological procedure to an industrial stage**  
(Enz.)  
(Biotechnology as biology in industrial production.)  
*d* Entwicklung *f* eines biotechnologischen Verfahrens zu einem industriellen Stadium  
*f* évolution *f* au stade industriel d'un procédé biotechnologique  
*p* evolução *f* para o estado industrial de um procedimento biotecnológico
- 2463 evolution of a disease**  
(Med.)  
(Ref. to the phases of the clinical picture.)  
*d* Entwicklung *f* des Krankheitsverlaufes  
*f* évolution *f* d'une maladie  
*p* evolução *f* de uma doença
- 2464 exact dosage**  
(Prod.)  
(Pharmaceutical technology; ref. to drug administration.)  
*d* genaue Dosierung *f*; exakte Dosierung *f*  
*f* dosage *m* précis; dosage *m* exact  
*p* dosagem *f* exata
- 2465 examination of pure substance**  
(Vit.)  
(Pharmaceutical vitamin technology; ref. to pure vitamins.)

- d* Prüfung *f* der Reinsubstanz  
*f* examen *m* de la substance pure  
*p* exame *m* da substância pura
- 2466 examine v the fermentation**  
 (Prod.)  
 (Pharmaceutical processes; ref. fermentation processes in research and production.)  
*d* Gärungsprozess untersuchen  
*f* rechercher le processus de la fermentation; examiner le processus de la fermentation  
*p* examinar o processo de fermentação
- \* **excess dosage** → 4512
- 2467 excessive dose; overdose**  
 (Pharm.)  
 (Pharmacodynamics; a toxic/lethal quantity of substances due to overdosage.)  
*d* Überdosis *f*  
*f* dose *f* excessive  
*p* superdose *f*; dose *f* excessiva
- \* **excessive stimulation of the thyroid gland**  
 → 3316
- 2468 exchange between molecules**  
 (Enz.)  
 (Ref. to coenzyme activity, e.g. electron-/proton exchange promotion.)  
*d* Austausch *m* zwischen Molekülen  
*f* échange *m* entre molécules  
*p* troca *f* entre moléculas
- 2469 exchange of a chemical substance; replacement of a technical part**  
 (Prod.)  
 (Pharmaceutical processes; ref. to research, reactions synthesis and to technology.)  
*d* Austausch *m* einer chemischen Substanz; Ersatz *m* eines technischen Teils  
*f* substitution *f* d'une substance chimique; remplacement *m* d'une pièce technique  
*p* substituição *f* de uma substância química; troca *f* de uma peça técnica
- 2470 exchange surface of particles in the powder**  
 (Prod.)  
 (Pharmaceutical technology; ref. to: "the powder division process increases the exchange surface of particles" see this entry; pharmaceutical powder production.)  
*d* Teilchenaustauschoberfläche *f* des Pulvers  
*f* surface *f* d'échange des particules de la poudre  
*p* superfície *f* de intercâmbio das partículas do pó
- 2471 excipient for suppositories**  
 (Prod.)  
 (Pharmaceutical technology; e.g. cocoa butter, "Theobroma cacao L.")  
*d* Trägersubstanz *f* für Zäpfchen; Trägersubstanz *f* für Suppositorien  
*f* excipient *m* pour suppositoires  
*p* excipiente *m* para supositórios
- 2472 excipient particle**  
 (Prod.)  
 (Pharmaceutical chemistry; an excipient, a vehicle for a medicament, is generally made of an inert substance, e.g. like starch etc.)  
*d* Trägermaterialteilchen *n*; Trägersubstanzteilchen *n*  
*f* particule *f* d'excipient  
*p* partícula *f* de excipiente
- \* **excitation-accepting receptor** → 5623
- 2473 excited state**  
 (Mol.)  
 (Ref. to the energy value of electrons in the electron shells of the atom.)  
*d* angeregter Zustand *m*  
*f* état *m* excité  
*p* estado *m* excitado
- 2474 excretion of a drug**  
 (Pharm.)  
 (Pharmacokinetics; elimination from the human body: by urine and by faeces.)  
*d* Ausscheidung *f* eines Arzneimittels  
*f* excrétion *f* d'un médicament  
*p* excreção *f* de um medicamento
- 2475 excretion of potassium**  
 (Pharm.)  
 (Pharmacokinetics; effect of diuretic treatment; must be controlled to prevent potassium deficiency.)  
*d* Kaliumausscheidung *f*  
*f* excrétion *f* de potassium  
*p* excreção *f* de potássio
- 2476 excretion of vitamins in the urine, in the faeces**  
 (Vit.)  
 (Vitamin physiology.)  
*d* Ausscheidung *f* der Vitamine durch das Urin, den Kot; Ausscheidung *f* der Vitamine durch das Urin, die Fäkalien  
*f* excrétion *f* des vitamines dans l'urine, dans les fèces  
*p* excreção *f* das vitaminas na urina, nas fezes
- 2477 exert v an antihypertensive effect**  
 (Pharm.)  
 (Effect of the activity of a diuretic.)

- d* eine antihypertensive Wirkung ausüben  
*f* exercer un effet antihypertensif  
*p* exercer ação antihipertensiva
- 2478 exfoliate *v***  
 (Med.)  
 (Desquamation; ref. to the skin.)  
*d* aufreiben; aufkratzen; abschälen  
*f* exfolier  
*p* esfolar
- 2479 exhaustion; fatigue**  
 (Med.)  
 (Physical or mental state of a patient.)  
*d* Abgespanntheit *f*  
*f* épuisement *m*; fatigue *m*  
*p* cansaço *m*; fadiga
- 2480 exhaustion of the culture substrate of the microorganisms**  
 (Enz.)  
 (Biotechnology; ref. to microbial cultures in research and production processes.)  
*d* Erschöpfung *f* des Nährsubstrats der Mikroorganismen  
*f* épuisement *m* du substrat de culture des micro-organismes  
*p* exaustão *f* do substrato de cultura dos microorganismos
- 2481 exhaustion of vitamin reserves**  
 (Vit.)  
 (Vitamin physiology.)  
*d* Erschöpfung *f* der Vitaminreserven  
*f* épuisement *m* des réserves vitaminiques  
*p* esgotamento *m* das reservas vitamínicas
- 2482 exocrine glands**  
 (Anat.)  
 (Glands having a duct for secretion to the outer (epithelial) surface; e.g. sebaceous glands.)  
*d* exokrine Drüsen *fpl*; nach außen abscheidende Drüsen *fpl*  
*f* glandes *fpl* exocrines  
*p* glândulas *fpl* exócrinas
- 2483 exogenous *adj***  
 (Med.)  
 (Caused from outside the body.)  
*d* körperfremd; exogen  
*f* exogène  
*p* exógeno
- 2484 exogenous intoxication**  
 (Med.)  
 (E.g. cause by foodstuff.)  
*d* körperfremde Vergiftung *f*; exogene Intoxikation *f*  
*f* intoxication *f* exogène  
*p* intoxicação *f* exógena
- \* exogenous protein → 2712**
- 2485 exogenous vitamin necessities**  
 (Vit.)  
 (Vitamin physiology; foreign (not covered by the organism) vitamin necessities in case of e.g. hipovitaminosis.)  
*d* exogene Vitaminbedürfnisse *npl*  
*f* besoins *mpl* exogènes de vitamines  
*p* necessidades *fpl* exógenas de vitaminas
- 2486 exogenous vitamin sources**  
 (Vit.)  
 (Depending on the specific vitamin : e.g. fruits, vegetables, cereals etc.)  
*d* exogene Vitaminquellen *fpl*  
*f* sources *fpl* exogènes vitaminiques  
*p* fontes *fpl* exógenas vitamínicas
- 2487 exonuclease**  
 (Enz.)  
 (Ref. to a nucleic acid breaking enzyme by nucleotide elimination.)  
*d* Exonuklease *f*  
*f* exonuclease *f*  
*p* exonuclease *f*
- 2488 exopeptidase**  
 (Enz.)  
 (Proteolytic enzyme; proteolysis: hydrolysis of proteins and peptides.)  
*d* Exopeptidase *f*  
*f* exopeptidase *f*  
*p* exopeptidase *f*
- 2489 exosmosis**  
 (Prod.)  
 (Pharmaceutical processes; in the osmosis process: penetration of a liquid through a membrane to the exterior.)  
*d* Exosmose *f*  
*f* exosmose *f*  
*p* exosmose *f*
- 2490 exothermal; exothermic *adj***  
 (Prod.)  
 (Pharmaceutical processes; chemical and physical processes occurring under liberation of heat; see entry: endothermal; endothermic.)  
*d* exotherm  
*f* exothermique  
*p* exotérmico
- \* exothermic → 1937**

- 2491 exotoxin**  
(Med.)  
(Bacterial toxin, diffused through the surrounding medium, causing e.g. botulism.)  
*d* Exotoxin *n*  
*f* exotoxine *f*  
*p* exotoxina *f*
- \* **expansibility** → 1937
- 2492 expansion**  
(Prod.)  
(Pharmaceutical processes; ref. to the increase in volume (e.g. of steam) by heating.)  
*d* Expansion *f*; Ausdehnung *f*  
*f* expansion *f*  
*p* expansão *f*
- 2493 expansion of a gas by temperature increase**  
(Prod.)  
(Pharmaceutical processes; expansion; see this entry.)  
*d* Expansion *f* eines Gases durch Temperaturerhöhung; Ausdehnung *f* eines Gases durch Temperaturerhöhung  
*f* expansion *f* d'un gaz par élévation de la température  
*p* expansão *f* de um gás pela elevação da temperatura
- 2494 expectorant**  
(Prod.)  
(Medicine, promoting mucus expulsion from the respiratory track.)  
*d* Expectorantium *n*; schleimlösendes Mittel *n*  
*f* expectorant *m*  
*p* expectorante *m*
- \* **experiment** → 6297
- 2495 experimental disintegration of tablets**  
(Prod.)  
(Pharmaceutical technology: the time of this tablet control method as indicated by the pharmacop[oe]ia.)  
*d* experimentale Tabletten-desintegration *f*; versuchsweiser Tablettenzerfall *m*; experimentelle Tabletten-desintegration *f*  
*f* désintégration *f* expérimentale des comprimés  
*p* desintegração *f* experimental dos comprimidos
- 2496 experimental vitamin deficiency**  
(Vit.)  
(Vitamin physiology; for research purposes.)  
*d* experimenteller Vitamin-Mangel *m*  
*f* carence *f* vitaminique expérimentale  
*p* carência *f* vitamínica experimental
- 2497 experimentation**  
(Prod.)  
(Pharmaceutical processes; e.g. trying out a new (production) process)  
*d* Experimentieren *n*  
*f* expérimentation *f*  
*p* experimentação *f*
- 2498 experimentation in pharmacology**  
(Prod.)  
(Pharmaceutical chemistry; ref. to an essential activity in chemistry.)  
*d* Experimentieren *n* in der Pharmakochemie  
*f* expérimentation *f* en pharmacochimie  
*p* experimentação *f* na farmacocômica
- 2499 experimentation with the healthy individual**  
(Med.)  
(Hom[oe]opathic notions; one of the homoeopathic principles.)  
*d* Versuch *m* am gesunden Individuum  
*f* expérimentation *f* sur l'individu sain  
*p* experimentação *f* com o indivíduo são
- 2500 exposure to air; air exposure**  
(Prod.)  
(Pharmaceutical technology.)  
*d* Aussetzung *f* an die Luft; Luftkontakt *m*  
*f* exposition *f* à l'air; contact *m* de l'air  
*p* exposição *f* ao ar; contato *m* com o ar
- 2501 expressibility**  
(Prod.)  
(Pharmaceutical technology; product characteristic.)  
*d* Auspressvermögen *n*  
*f* pouvoir *m* d'expression; expressibilité *f*  
*p* poder *m* de expressão
- 2502 expression as separation operation**  
(Prod.)  
(Pharmaceutical processes; ref. to pressure extraction, i.e. the separation of a solid phase and a liquid phase, promoted by a mechanical force.)  
*d* Auspressverfahren *n* als Trennungsprozess  
*f* expression *f* comme opération de séparation  
*p* expressão *f* como operação de separação
- 2503 extent of substance recrystallization**  
(Prod.)  
(Pharmaceutical technology; e.g. physical characteristic of a substance.)  
*d* Ausmaß *n* der Substanzrekristallisierung  
*f* étendue *f* de la recristallisation de la substance  
*p* extensão *f* de recristalização da substância

- 2504 external application of a medicament**  
(Med.)  
(Application form of a topical medicament.)  
*d* äußerliche Anwendung *f* eines Arzneimittels  
*f* emploi *m* externe d'un médicament  
*p* aplicação *f* externa de um medicamento
- 2505 external electron shell**  
(Mol.)  
(Ref. to atomic energy level.)  
*d* äußere Elektronenschale *f*  
*f* couche *f* externe électronique  
*p* camada *f* eletrônica externa
- 2506 external morphology of the protein**  
(Enz.)  
(Enzymology; ref. to the protein structure, e.g. fibrous etc.)  
*d* äußerliche Morphologie *f* des Proteins  
*f* morphologie *f* externe de la protéine  
*p* morfologia *f* externa da proteína
- 2507 external pressure**  
(Prod.)  
(Pharmaceutical processes; ref. to processing activities.)  
*d* äußerlicher Druck *m*  
*f* pression *f* externe  
*p* pressão *f* externa
- 2508 extracellular ascorbic acid**  
(Vit.)  
(Vitamin physiology; vitamin C, promotes the response of the immune system against oxidation processes.)  
*d* extrazelluläre Ascorbinsäure *f*  
*f* acide *m* ascorbique extracellulaire  
*p* ácido *m* ascórbico extracelular
- 2509 extracellular concentration**  
(Cyt.)  
(Cytology; ref. to cell activity.)  
*d* extrazelluläre Konzentration *f*  
*f* concentration *f* extracellulaire  
*p* concentração *f* extracelular
- 2510 extracellular concentration of the hormone**  
(Horm.)  
(Hormone biochemistry; ref. to hormone activity.)  
*d* extrazelluläre Konzentration *f* des Hormons  
*f* concentration *f* extracellulaire d'hormone  
*p* concentração *f* extracelular do hormônio
- 2511 extracellular domain of the receptors**  
(Horm.)  
(Hormone biochemistry; ref. to hormone/receptor cell activity.)  
*d* extrazellulärer Rezeptorenbereich *m*  
*f* domaine *m* extracellulaire des récepteurs  
*p* local *m* extracelular dos receptores; região *f* extracelular dos receptores
- 2512 extracellular enzymes**  
(Enz.)  
(Enzymology.)  
*d* extrazelluläre Enzyme *npl*  
*f* enzymes *mpl* extracellulaires  
*p* enzimas *fppl* extracelulares
- 2513 extrachromosomal bacterial resistance**  
(Ant.)  
(Bacterial resistance via the plasmid, an extrachromosomal bacterial DNA-ring, with autonomous replication capacity.)  
*d* extrachromosomale Bakterienresistenz *f*  
*f* résistance *f* bactérienne extra-chromosomique  
*p* resistência *f* bacteriana extracromossômica
- 2514 extract**  
(Phyt.)  
(ref. to concentration by evaporation.)  
*d* Extrakt *m*  
*f* extrait *m*  
*p* extrato *m*
- 2515 extract from plant substances**  
(Phyto.)  
(Plant (vegetable) substance, concentrated by evaporation (elimination of roughage) and dissolved in alcohol or water.)  
*d* Auszug *m* aus pflanzlichen Substanzen  
*f* extrait *m* de substances végétales  
*p* extrato *m* de substâncias vegetais
- 2516 extraction**  
(Prod.)  
(Pharmaceutical processes; selective separation of certain substances out of mixtures by means of a solvent.)  
*d* Extraktion *f*  
*f* extraction *f*  
*p* extração *f*
- 2517 extraction by double lixiviation**  
(Phyto.)  
(Extraction technique in production of active principles.)  
*d* Extraktion *f* durch doppelte Auslaugung; selektives Herauslösen *n* durch doppelte Auslaugung  
*f* extraction *f* par une double lixiviation  
*p* extração *f* por uma dupla lixiviação

- 2518 extraction liquid**  
(Prod.)  
(Pharmaceutical processes; ref. to extraction processes.)  
*d* Auszugsflüssigkeit *f*  
*f* liquide *m* d'extraction  
*p* líquido *m* de extração
- 2519 extractive chemistry**  
(Phyto.)  
(E.g. used in the identification process of natural active substances leading to final industrial production; in biochemistry.)  
*d* Extraktionschemie *f*  
*f* chimie *f* extractive  
*p* química *f* extrativa
- 2520 extractive dissolution**  
(Phyto.)  
(Ref. to the elaboration of tinctures and extracts.)  
*d* extraktive Auflösung *f*  
*f* dissolution *f* extractive  
*p* dissolução *f* extrativa
- 2521 extractive dissolution by exhaustion**  
(Phyto.)  
(Ref. to various extractive dissolution methods: by simple and multiple contact with the solvent, the counter-current exhaustion method and lixiviation.)  
*d* extraktive Lösung *f* durch Erschöpfung  
*f* dissolution *f* extractive par l'épuisement  
*p* dissolução *f* extrativa por esgotamento
- 2522 extractive distillation**  
(Phyto.)  
(Ref. to processes.)  
*d* Extraktivdestillation *f*  
*f* distillation *f* extractive  
*p* destilação *f* extrativa
- 2523 extractive effect**  
(Phyto.)  
(E.g. of an auxiliary, alcohol etc.)  
*d* extraktive Wirkung *f*; ausziehende Wirkung *f*  
*f* action *f* extractive  
*p* ação *f* extrativa
- 2524 extractive fermentation**  
(Enz.)  
(Biotechnology; ref. to fermentation type e.g. in biotechnological production.)  
*d* extraktive Gärung *f*  
*f* fermentation *f* extractive  
*p* fermentação *f* extrativa
- 2525 extractive solubilization of active principles**
- in phytotherapy**  
(Phyto.)  
(Preparation of extracts.)  
*d* extraktive Auflösung *f* von Wirkstoffen in der Pflanzenheilkunde; extraktive Löslichmachung *f* von Wirkstoffen in der Pflanzenheilkunde  
*f* solubilisation *f* extractive des principes actifs en phytothérapie  
*p* solubilização *f* extrativa dos princípios ativos na fitoterapia
- 2526 extractive solution**  
(Phyto.)  
(Ref. to the elaboration of tinctures and extracts.)  
*d* extraktive Lösung *f*  
*f* solution *f* extractive  
*p* solução *f* extrativa
- 2527 extract of the passion fruit**  
(Phyto.)  
(Edible fruit of the passion flower, genus "Passiflora"; sedative, anodyne (pain soothing); active principle: maracugin, passiflorin.)  
*d* Passionsfrucht-Extrakt *m*  
*f* extrait *m* du fruit de la passion  
*p* extrato *m* de maracujá
- 2528 extracts of medicinal plant drugs**  
(Phyto.)  
(See also entry: decoction of medicinal plants.)  
*d* Extrakte *mpl* medizinischer pflanzlicher Drogen; Auszüge *mpl* medizinischer pflanzlicher Drogen  
*f* extraits *mpl* de drogues médicinales végétales  
*p* extratos *mpl* de drogas medicinais vegetais
- 2529 extragranular addition of the auxiliary in tableting**  
(Prod.)  
(Pharmaceutical technology; ref. to tableting processes.)  
*d* extragranulare Zugabe *f* des Hilfsproduktes bei der Tablettierung  
*f* addition *f* extragranulaire du produit auxiliaire dans la compression des comprimés  
*p* adição *f* extragranular do produto auxiliar na compressão de comprimidos
- 2530 extramitochondrial synthesis**  
(Enz.)  
(Enzymology; e.g. ref. to the synthesis of fatty acids.)  
*d* extramitochondriale Synthese *f*; außerhalb des Mitochondriums stattfindende Synthese *f*

- f* synthèse *f* extramitochondriale  
*p* síntese *f* extramitocondrial
- 2531 extrapolation to zero concentration**  
 (Prod.)  
 (Pharmaceutical processes; determination of product characteristics in concentrations.)  
*d* Extrapolation *f* zur Null-Konzentration  
*f* extrapolation *f* jusqu'à la concentration zero  
*p* extrapolação *f* até a concentração zero
- 2532 extrudate**  
 (Prod.)  
 (Pharmaceutical processes; products obtained by extrusion processes.)  
*d* Extrudat *n*  
*f* produit *m* d'extrusion  
*p* produto *m* de extrusão
- 2533 extrusion of oily vitamins**  
 (Vit.)  
 (Vitamin technology. e.g. ref. to powder production for the elaboration of tablets.)  
*d* Extrusion *f* ölliger Vitamine  
*f* extrusion *f* des vitamines huileuses  
*p* extrusão *f* de vitaminas oleosas
- 2534 eyeball keratosis; keratoma of the eyeball**  
 (Vit.)  
 (Vitamin physiology; a horny tissue growth; e.g. ref. to vitamin A deficiency.)  
*d* Keratose *f* des Augapfels  
*f* kératose *f* du globe de l'œil  
*p* queratose *f* do globo do olho; queratose *f* do globo ocular
- 2535 eye bath**  
 (Prod.)  
 (Pharmaceutical technology; medicamentous form for ophthalmic (eye) treatment.)  
*d* Augenbad *n*  
*f* bain *m* ophtalmique  
*p* banho *m* para os olhos; banho *m* oftálmico
- 2536 eye bath in eye treatment**  
 (Prod.)  
 (Ref. to ophthalmological treatment, eye treatment.)  
*d* Augenbad *n* in der Augenbehandlung  
*f* bain *m* pour les yeux dans le traitement oculaire; bain *m* oculaire dans le traitement des yeux  
*p* banho *m* para os olhos no tratamento ocular; banho *m* ocular no tratamento dos olhos
- 2537 eye drops**  
 (Prod.)  
 (Pharmaceutical technology; medicated solution, medicamentous form for ophthalmic treatment.)  
*d* Augentropfen *m*/*mpl*  
*f* collyre *m*; gouttes *fpl* pour les yeux  
*p* colírio *m*
- 2538 eye drops are an isosmotic solution; eye drops are an isotonic solution**  
 (Prod.)  
 (Pharmaceutical technology: isosmotic (isosmotic) solutions (see this entry) are solutions of equal osmotic pressure; see also entry: eye drops are sterilized buffer solutions.)  
*d* Augentropfen *mpl* sind eine isotonische Lösung; Augentropfen *mpl* sind eine isosmotische Lösung  
*f* collyre *m* est une solution isotonique  
*p* colírio *m* é uma solução isotônica
- \* **eye drops are an isotonic solution** → 2538
- 2539 eye drops are sterilized buffer solutions**  
 (Prod.)  
 (Pharmaceutical technology: ref. to the elaboration and characteristics of eye drops; see also entry: eye drops are an isosmotic (isotonic) solution.)  
*d* Augentropfen *mpl* sind sterilisierte Pufferlösungen  
*f* collyres *mpl* sont des solutions tampons stérilisées  
*p* colírios *mpl* são soluções tampões esterilizadas
- 2540 eye drops as ophthalmic instillation products**  
 (Prod.)  
 (Pharmaceutical chemistry; medicament characteristic.)  
*d* Augentropfen *mpl* als ophthalmische Instillation-Produkte  
*f* collyres *mpl* comme produits d'instillation ophtalmique  
*p* colírios *mpl* como produtos de instilação oftálmicas
- 2541 eyes and eye diseases**  
 (Med.)  
 (Ref. to ophthalmology – treatment of eye diseases.)  
*d* Augen *npl* und Augenleiden *fpl*  
*f* yeux *mpl* et maladies *fpl* d'œil  
*p* olho *m* e as doenças *fpl* olhos

## F

- (Ref. to obesity, accumulation of excess fat.)  
*d* Fettbauch *m*  
*f* ventre *m* adipeux; abdomen *m* obèse  
*p* ventre *m* adiposo; barriga *f* gorda
- \* **fatigue** → 2479
- 2542 factor of genetic transcription**  
 (Cyt.)  
 (Cytogenetics; see also entry: genetic transcription.)  
*d* Faktor *m* genetischer Transkription  
*f* facteur *m* de transcription génétique  
*p* fator *m* de transcrição genética
- \* **factor of resistance** → 4850
- 2543 factors of biological alterations**  
 (Prod.)  
 (Pharmaceutical chemistry; conservation problems of chemical substances.)  
*d* Faktoren *mpl* biologischer Veränderungen  
*f* facteurs *mpl* d'altérations biologiques  
*p* fatores *mpl* de alterações biológicas
- \* **FAD** → 2652
- 2544 falciform ligament of the liver**  
 (Anat.)  
 (Liver structure; the liver is a site of synthesis e.g.: prothrombin (precursor of the enzyme thrombin: coagulation process), fibrinogen (produces fibrin: coag. proc.), heparin (anticoagulant).)  
*d* Leberband *n*  
*f* hile *m* du foie  
*p* ligamento *m* falciforme do figado
- 2545 family**  
 (Enz.)  
 (Biotechnology; flora/fauna: Classification of living organisms; taxonomy: a group of similar families builds an order.)  
*d* Familie *f*  
*f* famille *f*  
*p* família *f*
- 2546 fast-acting sulfamides**  
 (Ant.)  
 (H<sub>2</sub>NSO<sub>2</sub>NH<sub>2</sub>; also H<sub>4</sub>N<sub>2</sub>O<sub>2</sub>S: possibility of secondary effects of renal toxicity.)  
*d* schnellwirkende Sulfamide *npl*;  
 Kurzzeitsulfonamide *npl*  
*f* sulfamides *mpl* à action rapide  
*p* sulfamidas *fpl* de ação rápida
- 2547 fat abdomen**  
 (Anat.)
- 2548 fat layer**  
 (Med.)  
 (Ref. to adipose layer; reason may be e.g. irregularities in hormone production.)  
*d* Fettschicht *f*  
*f* couche *f* adipeuse  
*p* camada *f* adiposa
- 2549 fat oxidation**  
 (Med.)  
 (In physiology: fat oxidation activated by vitamin C activity.)  
*d* Fettoxidation *f*  
*f* oxydation *f* de graisse  
*p* oxidação *f* de gordura
- 2550 fat-solubility of an antibiotic drug**  
 (Ant.)  
 (Ref. to tissular diffusion capability of the medication.)  
*d* Fettlöslichkeit *f* eines antibiotischen Arzneimittels  
*f* liposolubilité *f* d'un médicament antibiotique  
*p* lipossolubilidade *f* de um medicamento antibiótico
- 2551 fat-solubility of the drug promotes its resorption**  
 (Pharm.)  
 (Pharmacodynamics.)  
*d* Fettlöslichkeit *f* des Arzneimittels fördert dessen Resorption  
*f* liposolubilité *f* du médicament favorise sa résorption  
*p* lipossolubilidade *f* do medicamento favoriza sua resorção
- 2552 fat-soluble antioxidant**  
 (Prod.)  
 (Pharmaceutical processes; stabilizer e.g. for fats and oils etc.)  
*d* fettlösliches Antioxidant *n*  
*f* antioxydant *m* liposoluble  
*p* antioxidante *m* lipossolúvel
- 2553 fat-soluble biologically active substance**  
 (Vit.)  
 (Vitamin biochemistry; ref. to fat-soluble vitamins.)  
*d* fett-lösliche biologische Wirksubstanz *f*



- f* principe *m* liposoluble biologiquement actif  
*p* substância *f* lipossolúvel biologicamente ativa
- \* **fat-soluble, converted in a hormone, acting in the calcium metabolism** → 6834
- 2554 fat-soluble vitamins**  
 (Vit.)  
 (Vitamin characteristic ref. to one of the vitamin groups: vitamins A, D, E, K.)  
*d* fettlösliche Vitamine *npl*  
*f* vitamines *fpl* liposolubles  
*p* vitaminas *fpl* lipossolúveis
- 2555 fatty acid catabolism**  
 (Enz.)  
 (Decomposing metabolism – under energy release, supposedly influenced by certain vitamins and intermediated by acetyl coenzyme A (acetyl CoA) as metabolic intermediary.)  
*d* Fettsäurecatabolismus *m*; Katabolismus *m* der Fettsäure  
*f* catabolisme *m* des acides gras  
*p* catabolismo *m* dos ácidos graxos
- \* **fatty acid-deficiency** → 6770
- 2556 fatty acid dehydrogenase**  
 (Enz.)  
 (Dehydrogenase: oxidoreductase; an enzyme catalysing oxidation-reduction reactions in the human body.)  
*d* Fettsäure-Dehydrogenase *f*;  
 Fettsäuredehydrase *f*  
*f* déshydrogénase *f* d'acide gras; déhydrase *f* d'acide gras  
*p* deshidrogenase *f* de ácido graxo
- 2557 fatty acid growth chain**  
 (Enz.)  
 (Ref. to the Krebs-cycle; final effect is the production of palmitic acid (C<sub>16</sub>H<sub>32</sub>O<sub>2</sub>), which is the precursor of all fatty acids.)  
*d* Wachstumskette *f* der Fettsäuren  
*f* chaîne *f* de croissance des acides gras  
*p* cadeia *f* de crescimento dos ácidos graxos
- 2558 fatty acid metabolism**  
 (Med.)  
 (E.g. promoted by pantothenic acid (vitamin B).)  
*d* Fettsäurestoffwechsel *m*  
*f* métabolisme *m* des acides gras  
*p* metabolismo *m* dos ácidos graxos
- 2559 fatty body**  
 (Prod.)
- (Pharmaceutical chemistry; fatty constituent.)  
*d* Fettkörper *m*  
*f* corps *m* gras  
*p* corpo *m* graxo
- \* **faulty in oxidative decarboxylation** → 2409
- \* **febrifuge** → 556
- 2560 febrifuge remedies**  
 (Prod.)  
 (Active substances for analgesic treatment.)  
*d* fiebersenkende Mittel *npl*  
*f* remèdes *mpl* fébrifuges  
*p* remédios *mpl* febrífugos
- \* **feebly bound antibiotic fraction** → 7014
- 2561 feedback**  
 (Horm.)  
 (Ref. to hormonal regulation activities in the body.)  
*d* Rückkopplung *f*  
*f* rétroaction *f*  
*p* retroação *f*; retroalimentação *f*
- 2562 feedback inhibition**  
 (Horm.)  
 (Ref. to hormonal regulation activities in the body; hormonal interrelations.)  
*d* Rückkopplungshemmung *f*  
*f* inhibition *f* de la rétroaction  
*p* inibição *f* de retroação; inibição *f* da retroalimentação
- 2563 feedback inhibition of an enzyme**  
 (Enz.)  
 (Enzymology; ref. to coupling of output/input of certain biochemical processes; e.g. enzyme inhibition of its initial process stage – when it is controlling – by its final (critical) concentration.)  
*d* Rückkopplungshemmung *f* eines Enzyms  
*f* inhibition *f* de la rétroaction d'une enzyme  
*p* inibição *f* da retroação de uma enzima
- 2564 feedback in series**  
 (Horm.)  
 (Ref. to hormone activity in the body.)  
*d* serienweise Rückkopplung *f*  
*f* rétroaction *f* en série  
*p* retroação *f* em série
- 2565 female sex hormone**  
 (Horm.)  
 (Steroid hormones; oestrogens; progesterone etc.)  
*d* weibliches Geschlechtshormon *n*

- f* hormone *f* sexuelle femelle  
*p* hormônio *m* sexual feminino
- 2566 female sex hormones belong to the steroids**  
 (Horm.)  
 (Ref. to oestrogens; progesterone.)  
*d* weibliche Geschlechtshormone *npl* gehören den Steroiden an  
*f* hormones *fpl* sexuelles femelles appartiennent à des stéroïdes  
*p* hormônios *mpl* sexuais femininos pertencem aos steróides
- 2567 fennel**  
 (Phyto.)  
 (Medicinal herb "Foeniculum vulgare, Umbeliferae", see entry: fennel tea.)  
*d* Fenchel *m*  
*f* fenouil *m*  
*p* funcho *m*; endro *m*; endrão *m*; anis-doce *m*; erva-doce *f*; maratro *m*
- 2568 fennel honey**  
 (Phyto.)  
 (Remedy against coughing prepared from the medicinal herb "Foeniculum vulgare, Umbeliferae", see entry: fennel.)  
*d* Fenchelhonig *m*  
*f* miel *m* au fenouil  
*p* mel *m* de funcho
- 2569 fennel tea**  
 (Phyto.)  
 (Herbal tea. "Foeniculum vulgare, Umbeliferae", having a laxative (constipation relieving) effect; depurative (blood-purifying) tea; digestive effect.)  
*d* Fencheltee *m*  
*f* tisane *f* de fenouil  
*p* chá *m* de funcho
- 2570 fennel water**  
 (Phyto.)  
 (Eye-cleaning remedy from the medicinal herb "Foeniculum vulgare, Umbeliferae", see entry: fennel.)  
*d* Fenchelwasser *n*  
*f* eau *m* de fenouil  
*p* água *m* do funcho
- 2571 ferment**  
 (Enz.)  
 (Enzymology; ferment = enzyme = diastase.)  
*d* Ferment *n*  
*f* ferment *m*  
*p* fermento *m*
- 2572 fermentable** *adj*  
 (Prod.)  
 (Pharmaceutical chemistry; product characteristic.)  
*d* gärbar  
*f* fermentable  
*p* fermentável
- 2573 fermentation**  
 (Enz.)  
 (Biotechnology; e.g. enzymatic decomposition of carbohydrates to provide chemical energy; biochemical process for aroma development e.g. for medicaments.)  
*d* Gärung *f*; fermentation *f*  
*f* fermentation *f*  
*p* fermentação *f*
- 2574 fermentation accelerator**  
 (Enz.)  
 (Pharmaceutical processes; ref. to process acceleration.)  
*d* Gärungsbeschleuniger *m*  
*f* accélérateur *m* de fermentation  
*p* acelerador *m* da fermentação
- 2575 fermentation alcohol**  
 (Enz.)  
 (Biotechnology; product of biotechnological production.)  
*d* Fermentationsalkohol *m*  
*f* alcool *m* de la fermentation  
*p* álcool *m* de fermentação
- 2576 fermentation by microorganisms**  
 (Enz.)  
 (Biotechnology; example of applied biological science aimed at industrial exploitation.)  
*d* Gärung *f* durch Mikroorganismen  
*f* fermentation *f* par micro-organismes  
*p* fermentação *f* por microorganismo
- 2577 fermentation by-products**  
 (Enz.)  
 (Biotechnology; ref. to product of biotechnological production.)  
*d* Gärungsnebenprodukte *npl*  
*f* produits *mpl* secondaires de la fermentation  
*p* subprodutos *mpl* da fermentação
- 2578 fermentation caused by microorganisms**  
 (Enz.)  
 (A transformation process in biotechnology, comprising a series of biochemical reactions of sugar transformation into ethanol and carbon dioxide.)

- d* Fermentation *f* durch Mikroorganismen verursacht; Gärung *f* durch Mikroorganismen verursacht
- f* fermentation *f* engendrée par des microorganismes
- p* fermentação *f* provocada por microorganismos
- 2579 fermentation caused by nonpathogenic yeast**  
(Enz.)  
(A transformation process in biotechnology executed by anaerobic respiration of microorganisms, as e.g. yeast.)
- d* Gärung *f* durch nicht pathogene Hefen hervorgerufen; Fermentation *f* durch nicht pathogene Hefen hervorgerufen
- f* fermentation *f* engendrée par des levures non pathogènes
- p* fermentação *f* causada por lêvedos não patogênicos
- 2580 fermentation conditions**  
(Prod.)  
(Pharmaceutical processes; ref. to optimal process conditions.)
- d* Fermentationsbedingungen *fpl*;  
Gärungsbedingungen *fpl*
- f* conditions *fpl* de la fermentation
- p* condições *fpl* de fermentação
- 2581 fermentation continuation**  
(Prod.)  
(Pharmaceutical processes; ref. to process continuation.)
- d* Weitergärung *f*
- f* continuation *f* de la fermentation
- p* continuação *f* da fermentação
- 2582 fermentation interruption by cooling**  
(Prod.)  
(Pharmaceutical processes; ref. to process interruption method.)
- d* Abbruch *m* der Gärung durch Abkühlung
- f* arrêt *m* de la fermentation par refroidissement
- p* interrupção *f* da fermentação por resfriamento
- 2583 fermentation medium for vitamin B<sub>12</sub> production**  
(Vit.)  
(Vitamin biochemistry; ref. to a nutrient system for the growth of microorganisms for the fermentation process; microorganisms in this fermentation are frequently of the genus "Propionibacterium".)
- d* Gärungsmedium *n* für die Produktion von Vitamin B<sub>12</sub>
- f* milieu *m* de fermentation à l'usage de production de vitamine B<sub>12</sub>
- p* meio *m* de fermentação para a produção de vitamina B<sub>12</sub>
- 2584 fermentation of cereals**  
(Phyto.)  
(Biotechnology; e.g. applied biological science for industrial exploitation.)
- d* Vergärung *f* von Getreide;  
Getreidevergärung *f*
- f* fermentation *f* de céréales
- p* fermentação *f* de cereais
- 2585 fermentation of extracts of plant tissues**  
(Enz.)  
(Biotechnology; example of applied biological science aimed at industrial exploitation; production process in phytotherapy.)
- d* Gärung *f* pflanzlicher Gewebsextrakte
- f* fermentation *f* d'extraits de tissus végétaux
- p* fermentação *f* de extratos de tecidos vegetais
- 2586 fermentation of germinated barley**  
(Enz.)  
(Biotechnology; e.g. applied biological science for industrial exploitation: beer brewing.)
- d* Gärung *f* angekeimter Gerste
- f* fermentation *f* de l'orge germée
- p* fermentação *f* da cevada germinada
- 2587 fermentation of sugar containing solution**  
(Enz.)  
(Biotechnology; applied biological science for industrial exploitation; ref. to food processing technology: e.g. process part of citric acid production.)
- d* Vergärung *f* von zuckerhaltiger Lösung
- f* fermentation *f* d'une solution sucrée
- p* fermentação *f* de solução contendo açúcar
- 2588 fermentation originated carbon dioxide; carbon dioxide produced by fermentation**  
(Enz.)  
(Biotechnology; fermentation processes, giving rise to CO<sub>2</sub> (carbon dioxide), use in carbonation of beverages.)
- d* gärungsursprüngliches Kohlendioxid *n*
- f* gaz *m* carbonique d'origine fermentaire;  
dioxyde *m* de carbone d'origine fermentaire
- p* gás *m* carbônico originado pela fermentação;  
dióxido *m* de carbono originado pela fermentação
- 2589 fermentation period**  
(Enz.)  
(Enzymology; ref. to duration of fermentation steps/phases etc.)

- d* Gärungsdauer *f*  
*f* durée *f* de la fermentation  
*p* duração *f* da fermentação
- 2590 fermentation process**  
 (Enz.)  
 (Biotechnology; beer brewery process: first scientific basis was supplied by Louis Pasteur, in 1860.)  
*d* Fermentationsvorgang *m*; Prozess *m* der gesteuerten Gärung; Gärungsprozess *m*  
*f* processus *m* de la fermentation; processus *m* fermentaire  
*p* porcesso *m* de fermentação
- \* **fermentation start** → 768
- 2591 fermentation under submerged conditions**  
 (Prod.)  
 (Pharmaceutical technology; ref. to types of fermentation processes.)  
*d* Gärung *f* im Submersverfahren  
*f* fermentation *f* sous des conditions de submersion  
*p* fermentação *f* sob condições de submersão
- 2592 fermentation value**  
 (Enz.)  
 (Biotechnology; ref. e.g. to brewery processes: determination of alcohol-content in the beer.)  
*d* Vergärungsgrad *m*  
*f* valeur *f* de brassage  
*p* grau *m* da fermentação
- 2593 fermentative bacteria**  
 (Enz.)  
 (Fermentation process bacteria.)  
*d* Gärungsbakterien *fpl*  
*f* bactéries *fpl* de fermentation  
*p* bactérias *fpl* de fermentação
- 2594 fermented beverages as example of biotechnically transformed products**  
 (Enz.)  
 (Product example for demonstration of biotechnical products transformation (by fermentation), already attainable in antiquity.)  
*d* fermentierte Getränke *npl* als Beispiel biotechnisch transformierter Produkte; fermentierte Getränke *npl* als Beispiel biotechnisch umgewandelte Produkte.  
*f* boissons *fpl* fermentées comme exemple de produits transformés par voie biotechnique  
*p* bebidas *fpl* fermentadas como exemplo de produtos transformados por meios biotécnicos
- 2595 ferric compound**  
 (Prod.)  
 (Pharmaceutical chemistry; iron(III) – ref. to three-valence iron.)  
*d* Eisen(III)-Verbindung *f*  
*f* composé *m* ferrique  
*p* composto *m* férrico
- 2596 ferrous compound**  
 (Prod.)  
 (Pharmaceutical chemistry; iron(II) – ref. to bivalent (divalent) iron, valence of two.)  
*d* Eisen(II)-Verbindung *f*  
*f* composé *m* ferreux  
*p* composto *m* ferroso
- 2597 ferruginous adj**  
 (Prod.)  
 (A chalybeate: chalybeate (ferruginous) medicine: iron salts-containing medicine.)  
*d* eisenhaltig  
*f* ferrugineux  
*p* ferruginoso
- \* **fever reducing** → 555
- 2598 fibrinolytic medicinal drug**  
 (Prod.)  
 (Ref. to fibrinolysis, blood cloth removal from circulation.)  
*d* Fibrinolytika *npl*; gerinnselauflösendes Arzneimittel *n*; fibrinabbauendes Arzneimittel *n*  
*f* remède *m* fibrinolytique  
*p* remédio *m* fibrinolítico
- 2599 fibrous protein; albuminoids; scleroprotein**  
 (Enz.)  
 (Long strand protein from skeletal tissue, e.g. keratins.)  
*d* fibrilläres Protein *n*; Albuminoide *npl*; Skleroprotein *n*  
*f* protéine *f* fibreuse; albuminoïdes *mpl*; scléroprotéine *f*  
*p* proteína *f* fibrilosa; albuminoïdes *mpl*; escleroproteína *f*
- 2600 field of application of a drug**  
 (Med.)  
 (Ref. to the range of application of medicaments.)  
*d* Anwendungsgebiet *n* eines Arzneimittels  
*f* champ *m* d'application d'un médicament  
*p* campo *m* de aplicação de um medicamento
- 2601 field of vitaminic intervention**  
 (Vit.)  
 (Vitamin physiology; ref. to vitamin activity possibilities in the body.)

- d* Eingriffsbereich *m* eines Vitamins  
*f* champ *m* d'intervention vitaminique  
*p* campo *m* de intervenção de uma vitamina
- 2602 fields of application**  
 (Prod.)  
 (Pharmaceutical technology.)  
*d* Einsatzgebiete *fpl*  
*f* domaines *mpl* d'application  
*p* campos *mpl* de aplicação
- 2603 fields of utilization of enzymes**  
 (Enz.)  
 (Biotechnology; e.g. enzymes for industrial application, industrial production processes.)  
*d* Anwendungsbereiche *npl* der Enzyme  
*f* champs *mpl* d'utilisation des enzymes  
*p* campos *mpl* de utilização das enzimas
- 2604 filamentous bacteria**  
 (Med.)  
 (Ref. to the strain-structure type of bacterial cells.)  
*d* strangförmige Bakterien *fpl*  
*f* bactéries *fpl* filamenteuses  
*p* bactérias *fpl* filamentosas
- 2605 filamentous fungi**  
 (Med.)  
 (Ref. to the strain-structure type of fungal cells.)  
*d* strangförmige Pilze *mpl*  
*f* champignons *mpl* filamenteux  
*p* fungos *mpl* filamentosos
- 2606 filiform papilla**  
 (Anat.)  
 (Ref. to one kind of tongue-protuberance related to the taste buds.)  
*d* fadenförmige Zungenpapille *f*; fadenförmige Geschmacksknospe *f*  
*f* papille *f* filiforme  
*p* papila *f* filiforme
- 2607 filler**  
 (Prod.)  
 (Pharmaceutical technology; auxiliary.)  
*d* Füllstoff *m*; Füllmittel *n/npl*; Füllprodukt *n*  
*f* charge *f*  
*p* carga *f*
- 2608 filler for tablets**  
 (Prod.)  
 (Pharmaceutical technology; auxiliary.)  
*d* Tablettenfüllmittel *n/npl*  
*f* charge *f* pour les comprimés  
*p* carga *f* para comprimidos
- 2609 filler for tablets in powder form**  
 (Prod.)  
 (Pharmaceutical technology; auxiliary.)  
*d* Tablettenfüllmittel *n/npl* in Pulverform; pulverförmiges Tablettenfüllmittel *n*  
*f* charge *f* pour les comprimés en forme de poudre  
*p* carga *f* para comprimidos em forma de pó
- 2610 fill v under nitrogen**  
 (Vit.)  
 (Pharmaceutical vitamin technology.)  
*d* unter Stickstoff abfüllen  
*f* remplir sous azote  
*p* encher sob nitrogênio
- 2611 film-coating**  
 (Vit.)  
 (Vitamin technology: coating type of vitamin tablets.)  
*d* Dünnschichtüberziehung *f*  
*f* revêtement *m* par pellicule  
*p* revestimento *m* por película
- 2612 film-coating agent made of a varnish resistant to gastric juices**  
 (Prod.)  
 (Pharmaceutical technology; tablet production method, e.g. for retard forms.)  
*d* Filmbildner *m* aus einem den Magensäften widerstandsfähigem Firnis  
*f* revêtement *m* par un vernis résistant aux sucs digestifs  
*p* revestimento *m* por uma verniz resistente aos sucos digestivos
- 2613 film coating of tablets with multiple layers**  
 (Prod.)  
 (Pharmaceutical technology; film-forming process.)  
*d* Tablettenüberziehung *f* mit mehrfachen Schichten; Mehrschichtenüberziehung *f* von Tabletten  
*f* enrobage *m* des comprimés pour couches multiples  
*p* revestimento *m* de comprimidos por camadas múltiplas
- 2614 film evaporation**  
 (Prod.)  
 (Pharmaceutical processes; in case of very high heating temperatures occur on the heating surfaces isolating steam films, inhibiting the evaporation process.)  
*d* Filmverdampfung *f*  
*f* évaporation *f* pelliculaire  
*p* evaporação *f* pelicular

- 2615 film formation**  
(Prod.)  
(Pharmaceutical technology: ref. to auxiliaries (e.g. certain PVP-types) in tablet production.)  
*d* Filmbildung *f*  
*f* formation *f* des filmes  
*p* formação *f* de filmes
- 2616 film-forming agent; film-forming auxiliary**  
(Prod.)  
(Pharmaceutical technology: Ref. to the use of certain PVP types.)  
*d* Filmbildner *m*; filmbildendes Hilfsmittel *n*  
*f* agent *m* filmogène; produit *m* auxiliaire filmogène; produit *m* auxiliaire pelliculaire  
*p* agente *m* formador de filmes; produto *m* auxiliar formador de películas  
  
\* **film-forming auxiliary** → 2616
- 2617 film-forming properties**  
(Prod.)  
(Pharmaceutical technology; auxiliary characteristic.)  
*d* filmbildende Eigenschaften *fppl*  
*f* propriétés *fppl* filmogènes; propriétés *fppl* pelliculaires  
*p* propriedades *fppl* de formação de filmes; propriedades *fppl* de formação de películas
- 2618 filterability**  
(Prod.)  
(Pharmaceutical processes; product characteristic.)  
*d* Filtrierbarkeit *f*  
*f* filtrabilité *f*  
*p* filtrabilidade *f*
- 2619 filterable** *adj*  
(Prod.)  
(Pharmaceutical processes; product characteristic.)  
*d* filtrierbar  
*f* filtrable  
*p* filtrável
- 2620 filtering effect**  
(Prod.)  
(Pharmaceutical processes.)  
*d* Filtriereffekt *m*  
*f* effet *m* de la filtration  
*p* efeito *m* de filtração
- 2621 filtrate**  
(Prod.)  
(Pharmaceutical chemistry; ref. to substances which have passed through a filter.)  
*d* Filtrat *n*  
*f* filtrat *m*; produit *m* de filtrage  
*p* filtrado *m*; produto *m* de filtração
- 2622 filtration aid; filtration auxiliary**  
(Prod.)  
(Pharmaceutical processes; auxiliary.)  
*d* Filtrierhilfsmittel *n*  
*f* additif *m* de filtration  
*p* aditivo *m* de filtração  
  
\* **filtration auxiliary** → 2622
- 2623 filtration by renal glomeruli**  
(Pharm.)  
(Ref. to the filtering action executed by the renal capillaries within the Bowman's capsule of the nephron, final the drug elimination process, with posterior tubular secretion (see this entry).)  
*d* Filtrierung *f* durch die Nierenkörperchen; Filtration *f* durch die Glomeruli  
*f* filtration *f* par des glomérules rénaux  
*p* filtração *f* glomerular
- 2624 filtration of potable water over charcoal**  
(Homoeop.)  
(Hom[o]eopathic process for elimination of organic substances.)  
*d* Trinkwasserfiltration *f* über Holzkohle  
*f* filtration *f* de l'eau distillée sur charbon  
*p* filtração *f* da água potável sobre carvão
- 2625 filtration of the active substance**  
(Prod.)  
(Pharmaceutical processes; ref. e.g. to tableting processes.)  
*d* Filtrierung *f* des Wirkstoffes; Wirkstofffiltrierung *f*  
*f* filtration *f* du principe actif  
*p* filtração *f* do princípio ativo
- 2626 filtration over cellulose**  
(Prod.)  
(Pharmaceutical processes; one of the purification processes for active principles.)  
*d* Filtrierung *f* über Zellulose  
*f* filtration *f* sur cellulose  
*p* filtração *f* sobre celulose
- 2627 filtration process in the renal glomeruli for urine production**  
(Med.)  
(Ref. to kidney functioning.)  
*d* Filtrationsprozess *m* in den Nierenkörperchen zur Hambereitung  
*f* processus *m* de filtration dans des glomérules rénaux par la production de l'urine  
*p* processo *m* de filtração pelos glomérulos renais para a produção da urina

- 2628 filtration time**  
(Prod.)  
(Pharmaceutical processes; ref. to filtration processes of compounds, the filtration time of which depends greatly on its concentration.)  
*d* Filtrierungszeit *f*  
*f* temps *mpl* de filtration  
*p* tempo *m* de filtração
- 2629 final aqueous coating**  
(Vit.)  
(Vitamin (tableting) technology; ref. to vitamin tablets.)  
*d* letzter wäßriger Filmüberzug *m*  
*f* revêtement *m* aqueux final  
*p* revestimento *m* aquoso final
- 2630 final drying stage**  
(Prod.)  
(Pharmaceutical technology, tablet compression stage.)  
*d* Endphase *f* des Trocknungsprozesses  
*f* cours *m* du séchage final  
*p* fase *f* final do processo de secagem
- 2631 final effect of a treatment**  
(Med.)  
(Ref. e.g. to long-term therapy.)  
*d* Endeffekt *m* einer Behandlung; endgültige Auswirkung *f* einer Behandlung  
*f* effet *m* final d'un traitement  
*p* efeito *m* final de um tratamento
- 2632 final pressure**  
(Prod.)  
(Pharmaceutical processes; ref. to processing activities.)  
*d* Enddruck *m*  
*f* pression *f* finale  
*p* pressão *f* final
- \* **final products of metabolism** → 4040
- 2633 final stage of interactions**  
(Prod.)  
(Pharmaceutical technology; ref. to the course of processes)  
*d* Endetappe *f* von Wechselwirkungen  
*f* étape *f* finale des interactions  
*p* etapa *f* final das interações
- \* **final use** → 2294
- 2634 fine fraction**  
(Prod.)  
(Pharmaceutical technology; e.g. physical structure of substances.)  
*d* feine Fraktion *f*  
*f* fraction *f* fine  
*p* fração *f* fina
- 2635 finely dispersed vitamin A**  
(Vit.)  
(Vitamin technology; vitamin A form for capsules, tablets etc.)  
*d* fein dispergiertes Vitamin *n* A  
*f* vitamine *f* A dispersée finement  
*p* vitamina *f* A finamente dispersa
- 2636 finely dispersed vitamin A in gelatin[e] or sugar**  
(Vit.)  
(Vitamin technology; vitamin A form for capsules, tablets etc.)  
*d* fein dispergiertes Vitamin *n* A in Gelatine oder Zucker  
*f* vitamine *f* A dispersée finement dans de gélatine ou dans de sucre  
*p* vitamina *f* A finamente dispersa em gelatina ou açúcar
- 2637 fineness of powder particles**  
(Prod.)  
(Pharmaceutical technology; ref. to tablet-production, preliminary operations – the granulation operations; powder characteristic.)  
*d* Feinheit *f* der Pulverteilchen  
*f* finesse *f* des particules de la poudre  
*p* fineza *f* das partículas do pó
- 2638 fine powder**  
(Vit.)  
(Vitamin technology; vitamin form.)  
*d* feines Pulver *n*  
*f* poudre *f* fine  
*p* pó *m* fino
- 2639 firm abdomen**  
(Anat.)  
(E.g. eventually referring to a good health condition.)  
*d* straffer Bauch *m*; fester Bauch *m*  
*f* ventre *m* ferme  
*p* barriga *f* firme
- 2640 first-aid kit for carrying in the car**  
(Med.)  
(Ref. to first-aid in case of accident.)  
*d* Erste-Hilfe-Kasten *m* im Wagen mitzunehmen  
*f* boîte *f* de secours pour emporter dans la voiture  
*p* caixa *f* de primeiro socorro do automóvel

- 2641 first-aid post**  
(Med.)  
(Post for first aid treatment.)  
*d* Ersthilfestation *f*  
*f* poste *m* de secours  
*p* pronto-socorro *m*
- 2642 first aid treatment**  
(Med.)  
(See also entry: first-aid post.)  
*d* erste Hilfe *f*  
*f* traitement *m* d'urgence  
*p* tratamento *m* de pronto socorro
- 2643 first fraction of distillation; first runnings**  
(Prod.)  
(Pharmaceutical technology; ref. to processes.)  
*d* Vorlauf *m* der Destillation;  
Destillationsvorlauf *m*  
*f* première fraction *f* de la distillation;  
avant-coulant *m*; eau-de-vie *f* première  
*p* destilado *m* de cabeça; destilados *mpl* de flor
- \* **first runnings** → 2643
- \* **fit of a disease** → 682
- 2644 fixation of aerosols in the respiratory tracts**  
(Pharm.)  
(Aerosols for treatment purposes.)  
*d* Festsetzung *f* der Aerosole in den Luftwegen  
*f* fixation *f* des aérosols dans les voies  
respiratoires  
*p* fixação *f* dos aerossóis nas vias respiratórias
- 2645 fixation of drug molecules on receptor level**  
(Pharm.)  
(Ref. to the way of action of an active principle.)  
*d* Festsetzung *f* von Arzneimittelmolekülen auf  
Rezeptorenniveau  
*f* fixation *f* des molécules médicamenteuses au  
niveau des récepteurs  
*p* fixação *f* das moléculas medicamentosas no  
nível dos receptores
- 2646 fixation of hormones on their receptors**  
(Horm.)  
(Hormone biochemistry; hormonal activity.)  
*d* Festsetzung *f* der Hormone an den  
Rezeptoren  
*f* fixation *f* des hormones sur les récepteurs  
*p* fixação *f* dos hormônios nos receptores
- 2647 fixation site on the membrane of the target cell**  
(Pharm.)
- (Ref. to the action-site of active medicamentous substances within the organism.)  
*d* Bindungsort *m* an der Membran der Zielzelle  
*f* site *m* de fixation sur la membrane de la cellule-cible  
*p* local *m* de fixação na membrana da célula-alvo
- 2648 fix v the coenzyme by a bridge**  
(Enz.)  
(Enzymology; ref. to molecular fixation in biochemistry, e.g. a hydrogen bridge, etc.)  
*d* das Coenzym durch eine Brücke fixieren  
*f* fixer la coenzyme par un pont  
*p* fixar a coenzima por uma ponte
- \* **flag lily** → 3674
- \* **flaky** → 2668
- 2649 flat tablet coating operation**  
(Prod.)  
(Pharmaceutical processes; ref. to tablet coating type, the other one is the vaulted type.)  
*d* flacher Tablettenüberzugsvorgang *m*  
*f* opération *f* d'enrobage à plat du comprimé  
*p* operação *f* de revestimento de forma chata do comprimido
- 2650 flat tablet core**  
(Prod.)  
(Pharmaceutical technology; tableting; core structure.)  
*d* flacher Tablettenkern *m*  
*f* noyau *m* plat du comprimé  
*p* núcleo *m* chato do comprimido
- 2651 flavin**  
(Vit.)  
(Hydrosoluble pigment, widely spread in Nature, is part of the nucleus of vitamin B<sub>2</sub> and of certain respiratory enzymes (coenzyme of flavoproteins); precursor of the prosthetic groups of the respiratory ferment.)  
*d* Flavin *n*  
*f* flavine *f*  
*p* flavina *f*
- 2652 flavin-adenine-dinucleotide; FAD**  
(Enz.)  
(C<sub>27</sub>H<sub>33</sub>N<sub>9</sub>O<sub>15</sub>P<sub>2</sub>; a hydrogen fixing coenzyme; ref. to vitamin B<sub>2</sub> (riboflavin) biochemistry.)  
*d* Flavin-Adenin-Dinukleotid *n*; FAD  
*f* flavine-adénine-dinucléotide *f*; FAD  
*p* flavina-adenina-dinucléotideo *m*; FAD



- 2653 flavin coenzyme**  
(Enz.)  
(E.g. riboflavin is part of this coenzyme.)  
*d* Flavin-Coenzym *n*  
*f* flavine-coenzyme *f*  
*p* coenzima *f* da flavine
- 2654 flavin mononucleotide; FMN**  
(Enz.)  
(Coenzyme; e.g. ref. to vitamin B<sub>2</sub> biochemistry.)  
*d* Flavin-Mononukleotid *n*; FMN  
*f* flavine-mononucléotide *f*; FMN  
*p* flavina-mononucleotídeo *m*; FMN
- 2655 flavin structure**  
(Vit.)  
(Biochemical structure characteristic of vitamin B<sub>2</sub> (riboflavin).)  
*d* Flavinstruktur *f*  
*f* structure *f* flavinique  
*p* estrutura *f* flavínica
- 2656 flavoenzyme**  
(Enz.)  
(Vitamin biochemistry; e.g. in riboflavin physiology.)  
*d* Flavoenzym *n*  
*f* flavoenzyme *f*  
*p* flavoenzima *f*
- 2657 flavonoid**  
(Prod.)  
(Plant heteroside (see entry: heteroside); used as agent for vascular disease (small blood vessels' degeneration); see entry: vitamin P (flavonoid complex; bioflavonoids).)  
*d* Flavonoid *n*  
*f* flavonoide *m*  
*p* flavonoide *m*
- 2658 flavoproteide**  
(Vit.)  
(Ref. to vitamin B<sub>2</sub> (riboflavin) biochemistry.)  
*d* Flavoproteid *n*  
*f* flavoprotéide *m*  
*p* flavoproteídeo *m*
- 2659 flavoprotein**  
(Enz.)  
(Flavoenzyme, oxidation ferment of the respiratory chain.)  
*d* Flavoprotein *n*  
*f* flavoprotéine *f*  
*p* flavoproteína *f*
- 2660 flexibility of the tablet coating; elasticity of the tablet coating**  
(Prod.)  
(Pharmaceutical technology: a table coating quality, avoiding e.g. hairline cracks (see entry) etc.)  
*d* Flexibilität *f* des Tablettenüberzug[e]s; Elastizität *f* des Tablettenüberzug[e]s  
*f* flexibilité *f* du revêtement du comprimé; élasticité *f* du revêtement du comprimé  
*p* flexibilidade *f* do revestimento do comprimido; elasticidade *f* do revestimento do comprimido
- 2661 flexible granulate**  
(Prod.)  
(Pharmaceutical technology; granulate characteristic, to accompany eventual "core expansion", see entry.)  
*d* flexibles Granulat *n*  
*f* granulé *m* souple  
*p* granulé *m* flexível
- 2662 flocculate**  
(Prod.)  
(Pharmaceutical technology: a flocculent mass.)  
*d* Ausflockung *f*; Ausflockungsprodukt *n*  
*f* flocculat *m*  
*p* flocação *f*; produto *m* de flocação
- 2663 flocculation**  
(Prod.)  
(Pharmaceutical technology; aggregation of material, forming a flocculent mass by macromolecular activity.)  
*d* Flockulation *f*; Flockung *f*; Ausflockung *f*  
*f* flocculation *f*  
*p* flocação *f*
- 2664 flocculation phenomenon of a dispersion**  
(Prod.)  
(Pharmaceutical chemistry; ref. to dispersion defect, dispersion research.)  
*d* Ausflockungserscheinung *f* einer Dispersion  
*f* phénomène *m* de flocculation d'une dispersion  
*p* fenômeno *m* de flocação de uma dispersão
- 2665 flocculation point**  
(Prod.)  
(Pharmaceutical chemistry; also: point of flocculation.)  
*d* Flockungspunkt *m*  
*f* point *m* de flocculation  
*p* ponto *m* de flocação

- 2666 flocculation process**  
(Prod.)  
(Pharmaceutical technology; all types of processes, causing separation of particles suspended in a colloidal system, by forming flocks.)  
*d* Ausflockungsprozess *m*  
*f* processus *m* de floculation  
*p* processo *m* de floculação
- 2667 floccule**  
(Prod.)  
(Pharmaceutical chemistry; ref. to product form, product aspect.)  
*d* Flocke *f*  
*f* flocon *m*  
*p* floco *m*
- 2668 flocculent; flaky adj**  
(Prod.)  
(Pharmaceutical chemistry; ref. to product characteristic.)  
*d* flockig  
*f* floconneux  
*p* floculento; flocoso
- 2669 flowability agent for tableting**  
(Prod.)  
(Pharmaceutical processes; auxiliary (as e.g. starch) to improve poor flow properties of powders.)  
*d* Fließbarkeitverbesserer *m* für die Tablettierung  
*f* agent *m* de coulabilité pour la fabrication de comprimés  
*p* auxiliar *m* de fluibilidade para a compressão de comprimidos
- 2670 flowability of the blood; blood flow properties**  
(Pharm.)  
(Can be influenced (increased) by drugs.)  
*d* Fließbarkeit *f* des Blutes  
*f* fluidité *f* du sang  
*p* propriedade *f* de fluidez do sangue
- 2671 flowability of vitamin powder**  
(Vit.)  
(Vitamin technology: properties of vitamins in powder form.)  
*d* Fließbarkeit *f* von Vitaminpulver  
*f* coulabilité *f* de la poudre vitaminique; aptitude *f* à l'écoulement de la poudre vitaminique  
*p* fluibilidade *f* do pó vitamínico
- 2672 flowing out of intracellular fungi components**  
(Ant.)  
(Action of polyene antibiotics and antifungus on the fungi.)  
*d* Ausfließen *n* intrazellulärer Bestandteile der Pilze  
*f* déchargement *m* des composants intracellulaires des champignons; déchargement *m* des composants intracellulaires des fungos  
*p* extravazamento *m* dos componentes intracelulares dos fungos
- 2673 flow properties**  
(Prod.)  
(Pharmaceutical technology; e.g. characteristic of particles.)  
*d* Flusseigenschaften *fpl*; Flussverhalten *n*  
*f* propriété *f* d'écoulement; aptitude *f* à l'écoulement  
*p* propriedade *f* de fluxo
- 2674 flow rate**  
(Prod.)  
(Pharmaceutical technology; e.g. in chromatography.)  
*d* Durchflussgeschwindigkeit *f*  
*f* vitesse *f* d'écoulement  
*p* velocidade *f* de fluxo
- 2675 flow rate of the liquid**  
(Prod.)  
(Pharmaceutical technology; ref. to consistency tests of milks etc.)  
*d* Fließgeschwindigkeit *f* der Flüssigkeit  
*f* vitesse *f* d'écoulement du fluide  
*p* taxa *f* de fluxo do líquido; velocidade *f* de escoamento do líquido
- 2676 flow time**  
(Prod.)  
(Pharmaceutical technology.)  
*d* Durchlaufzeit *f*  
*f* temps *m* d'écoulement  
*p* tempo *m* de escoamento; tempo *m* de passagem
- 2677 flowtime of the solution**  
(Prod.)  
(Pharmaceutical technology.)  
*d* Durchlaufzeit *f* der Lösung  
*f* écoulement *m* de la solution  
*p* tempo *m* de passagem da solução
- 2678 fluent; fluid adj**  
(Prod.)  
(Pharmaceutical chemistry; characteristic of a fluid.)  
*d* flüssig

- f* liquide  
*p* liquido
- \* **fluid** → 2678
- 2679 fluid**  
 (Prod.)  
 (Pharmaceutical chemistry; liquid matter (a liquid or a gas), not having a constant form.)  
*d* Flüssigkeit *f*  
*f* liquide *m*  
*p* líquido *m*
- \* **fluid body** → 3824
- \* **fluid extract** → 3827
- 2680 fluid extract**  
 (Phyto.)  
 (Alcoholic preparation of a vegetable medicine.)  
*d* flüssiger Extrakt *m*; dünnflüssiger Auszug *m*  
*f* extrait *m* fluide  
*p* extrato *m* fluido
- 2681 fluidity**  
 (Prod.)  
 (Pharmaceutical chemistry; ref. to the state of liquid matter.)  
*d* Flüssigkeitszustand *m*  
*f* fluidité *f*  
*p* fluidez *f*
- 2682 fluidized bed coating**  
 (Prod.)  
 (Pharmaceutical technology, ref. to production process by fluidized bed method.)  
*d* Wirbelbettbeschichtung *f*  
*f* revêtement *m* en bain fluidisé; revêtement *m* en lit fluidisé  
*p* revestimento *m* pelo processo de leito fluidizado
- 2683 fluidized bed granulation**  
 (Prod.)  
 (Pharmaceutical technology; ref. to tableting processes.)  
*d* Wirbelbettgranulierung *f*  
*f* granulation *f* en lit fluidisé  
*p* granulação *f* pelo processo de leito fluidizado
- 2684 fluidized bed granulator**  
 (Prod.)  
 (Pharmaceutical processes; a fluid bed of compound particles which are suspended by an upward fluid flow; ref. to granulation processes.)  
*d* Wirbelschichtgranulator *m*  
*f* granulateur *m* à lit fluidisé  
*p* granulador *m* de leito fluidizado
- 2685 fluidized bed granules**  
 (Prod.)  
 (Pharmaceutical technology, ref. to production by fluidized bed process.)  
*d* Wirbelbettgranulat *n*  
*f* granules *mpl* en lit fluidisé  
*p* grânulos *m* por leito fluidizado
- 2686 fluidizer of the viscous secretion**  
 (Prod.)  
 (Ref. to expectorants; see this entry.)  
*d* Verflüssigungsmittel *n* der zähflüssigen Sekretion; Auflösungsmittel *n* der schleimigen Sekretion  
*f* fluidifiant *m* de la sécrétion visqueuse  
*p* fluidificante *m* da secreção viscosa
- \* **fluid pressure** → 3297
- 2687 fluorimetric method**  
 (Prod.)  
 (Pharmaceutical technology; analytical process for the determination of vitamins, hormones, proteins etc.)  
*d* Fluorimetrie-Verfahren *n*; Verfahren *n* der Fluorometrie  
*f* méthode *f* fluorimétrique  
*p* método *m* fluorimétrico; método *m* fluorométrico
- \* **fluorimetric thiamin[e] assay method** → 2688
- 2688 fluorometric thiamin[e] assay method; fluorimetric thiamin[e] assay method**  
 (Vit.)  
 (Thiamine (vitamin B<sub>1</sub>) estimation method.)  
*d* fluorometrische Analysenmethode *f*; fluorometrische Untersuchungsmethode *f*  
*f* méthode *f* d'analyse fluorimétrique; méthode *f* d'examen fluorimétrique  
*p* método *m* de análise fluorimétrico; método *m* de exame fluorimétrico
- 2689 flush** *v*  
 (Prod.)  
 (Pharmaceutical technology.)  
*d* spülen; abspülen  
*f* rincer  
*p* enxaguar; passar água
- \* **FMN** → 2654
- \* **foam** → 2755

- 2690 foaming effect**  
(Prod.)  
(Pharmaceutical technology; undesirable effect which may occur in solubilization processes, e.g. due to too high stirring speed.)  
*d* Schaumwirkung *f*; Schaumeffekt *m*  
*f* effet *m* écumant  
*p* efeito *m* espumante
- 2691 focal point of penicillin-effectiveness is situated within the range of gram-negative germs**  
(Ant.)  
(Ref. to penicillin activity within the organism.)  
*d* Wirkungsschwerpunkt *m* der Penicilline befindet sich im Bereich gramnegativer Keime  
*f* point *m* capital de l'efficacité des pénicillines se trouve dans la plage des bactériens à gram négatif  
*p* foco *m* da eficácia das penicilinas situa-se no campo das bacterias gram-negativas
- 2692 focus of disease; focus of inflammation**  
(Med.)  
(Ref. to the site of a disease/inflammation in/on the human body.)  
*d* Krankheitsherd *m*; Sitz *m* der Erkrankung; Entzündungsherd *m*  
*f* foyer *m* de maladie; foyer *m* de l'inflammation  
*p* foco *m* de moléstia; foco *m* inflamatório
- \* **focus of inflammation** → 2692
- 2693 foliate papilla**  
(Anat.)  
(One kind of tongue-protuberance related to the taste buds.)  
*d* Blätterpapille *f* der Zunge; blätterförmige Geschmacksknospe *f*  
*f* papille *f* foliée  
*p* papila *f* foliata
- 2694 folic acid**  
(Vit.)  
(C<sub>19</sub>H<sub>19</sub>N<sub>7</sub>O<sub>6</sub>; pteroylmonoglutamic acid; PGA; belongs to the vitamin B complex; use in megaloblastic anaemia.)  
*d* Folsäure *f*  
*f* acide *m* folique  
*p* ácido *m* fólico
- 2695 folic acid antagonist**  
(Vit.)  
(Folic acid (C<sub>19</sub>H<sub>19</sub>N<sub>7</sub>O<sub>6</sub>) belongs to the vitamin B complex.)  
*d* Folsäureantagonist *m*  
*f* antagoniste *m* de l'acide folique  
*p* antagonista *m* do ácido fólico
- 2696 folic acid deficiency**  
(Vit.)  
(Cause of neuropathy and megaloblastic anaemia.)  
*d* Folsäuremangel *m*  
*f* carence *f* en acide folique  
*p* deficiência *f* de ácido fólico
- 2697 folic acid in the cell metabolism**  
(Vit.)  
(Vitamin physiology.)  
*d* Folsäure *f* im Zellstoffwechsel  
*f* acide *m* folique dans le métabolisme cellulaire  
*p* ácido *m* fólico no metabolismo celular
- 2698 folic acid production by biochemical synthesis through microorganisms**  
(Vit.)  
(C<sub>19</sub>H<sub>19</sub>N<sub>7</sub>O<sub>6</sub>; pteroylmonoglutamic acid; PGA; belongs to the water-soluble vitamin B complex.)  
*d* Folsäure-Produktion *f* durch biochemische Synthese der Mikroorganismen  
*f* production *f* de l'acide folique par la synthèse biochimique des micro-organismes  
*p* produção *f* do ácido fólico pela síntese bioquímica dos microorganismos
- 2699 folic acid promotes noradrenalin activation**  
(Vit.)  
(C<sub>8</sub>H<sub>11</sub>NO<sub>3</sub>; norepinephrine; e.g. neurotransmitter; also: a vasopressor hormone.)  
*d* Folsäure *f* fördert die Aktivierung des Noradrenalins  
*f* acide *m* folique stimule l'activation de la noradrénaline  
*p* ácido *m* fólico estimula a ativação da noradrenalina
- 2700 folic acid stimulates the serotonin activation**  
(Vit.)  
(C<sub>10</sub>H<sub>12</sub>N<sub>2</sub>O; a neurotransmitter, vasoconstrictor.)  
*d* Folsäure *f* verhilft dem Serotonin zu einer größeren Wirksamkeit  
*f* acide *m* folique augmente l'activation de la sérotonine  
*p* ácido *m* fólico aumenta a ativação da serotonina

- 2701 folic acid takes part in the metabolism of amino acids**  
(Vit.)  
(Vitamin physiology.)  
*d* Folsäure *f* nimmt am Stoffwechsel von Aminosäuren teil  
*f* acide *m* folique participe dans les métabolismes des acides aminés  
*p* ácido *m* fólico participa no metabolismo dos amino-ácidos
- 2702 folic acid takes part in the protein synthesis**  
(Vit.)  
(Vitamin physiology; C<sub>19</sub>H<sub>19</sub>N<sub>7</sub>O<sub>6</sub>; pteroylmonoglutamic acid; PGA; belongs to the water-soluble vitamin B complex.)  
*d* Folsäure *f* nimmt an der Protein-Synthese teil  
*f* acide *m* folique participe à la synthèse protéique  
*p* ácido *m* fólico participa na síntese das proteínas
- 2703 folic acid takes part on the level of enzymatic reactions**  
(Vit.)  
(Vitamin physiology; ref. e.g. to the glycine (glycocol) catabolism (see this entry); decomposing metabolism – under energy release, supposedly influenced by certain vitamins.)  
*d* Folsäure *f* nimmt auf der Ebene der enzymatischer Reaktionen teil  
*f* acide *m* folique participe au niveau de réactions enzymatiques  
*p* ácido *m* fólico participa em nível de reações enzimáticas
- 2704 follicle hormone**  
(Horm.)  
(Ref. to estrogens, e.g. estrone.)  
*d* Follikelhormon *n*  
*f* hormone *f* folliculaire  
*p* hormônio *m* folicular
- 2705 follicle-stimulating hormone**  
(Horm.)  
(FSH; hormone of the anterior lobe of the pituitary gland (hypophysis); follicle/ovum-growth stimulating; activation of sperm-producing cells.)  
*d* follikelstimulierendes Hormon *n*  
*f* hormone *f* folliculostimulante  
*p* hormônio *m* foliculo-estimulante
- 2706 follicle-stimulating hormone: a gonadotrophic hormone**  
(Horm.)  
(Ref. to the ripening of the ovarian follicles; also: sperm formation in the testis.)  
*d* Follikelreifungs-Hormon *n*: ein gonadotropes Hormon  
*f* hormone *f* folliculostimulante: une hormone gonadotrope  
*p* hormônio *m* foliculo-estimulante: um hormônio gonadotrópico
- 2707 follicle-stimulating hormone stimulates the estrogen secretion**  
(Horm.)  
(FSH in hormone biochemistry; hormone physiology.)  
*d* follikelstimulierendes Hormon *n* regt die Östrogen-Ausschüttung an  
*f* hormone *f* folliculostimulante stimule la sécrétion d'œstrogène  
*p* hormônio *m* foliculo-estimulante estimula a secreção de estrogênio
- \* **fomentation** → 4931
- \* **food additives** → 173
- 2708 food proteins of biotechnological origin**  
(Enz.)  
(Biotechnology in industrial production: food prime materials.)  
*d* Nahrungsmittelproteine *npl* biotechnologischen Ursprungs  
*f* protéines *fpl* alimentaires de l'origine biotechnologique  
*p* proteínas *fpl* alimentícias de origem biotecnológica
- 2709 food requirement**  
(Med.)  
(Ref. to nutrition.)  
*d* Nahrungsmittelbedarf *m*  
*f* besoin *m* alimentaire  
*p* necessidade *f* alimentar
- 2710 food research**  
(Prod.)  
(Pharmaceutical chemistry; ref. to food requirement (see also this entry) and to nutrition.)  
*d* Nahrungsmittelforschung *f*  
*f* recherche *f* alimentaire  
*p* pesquisa *f* alimentar
- 2711 foreign body**  
(Prod.)  
(Pharmaceutical chemistry; in this case: impurity.)  
*d* Fremdkörper *m/mpl*  
*f* corps *m* étranger  
*p* corpo *m* estranho

- 2712 foreign protein; exogenous protein**  
(Enz.)  
(Protein types, ref. to pathology.)  
*d* körperfremdes Protein *n*; exogenes Protein *n*  
*f* protéine *f*étrangère; protéine *f*exogène  
*p* proteína *f*exógena
- 2713 foresee v the activity of a medicamentous molecule**  
(Mol.)  
(Ref. to research and development of active principles, of drugs.)  
*d* die Wirkung eines medikamentösen Moleküls vorraussehen  
*f* prévoir l'activité d'une molécule médicamenteuse  
*p* prever a atividade de uma molécula medicamentosa
- 2714 formaldehyde; methanal**  
(Prod.)  
(CH<sub>2</sub>O; preservative, disinfectant, e.g. in virus culture preparation.)  
*d* Formaldehyd *n*; Methanal *n*  
*f* formaldéhyde *m*; aldéhyde *m* formique; méthanal *m*  
*p* formaldeído *m*; aldeído *m* fórmico; metanal *m*
- 2715 formation of a protective layer**  
(Prod.)  
(Pharmaceutical technology; tablet production; layer material within a tablet.)  
*d* Bildung *f*eines Schutzfilmes  
*f* formation *f*d'une couche protectrice  
*p* formação *f*de uma camada protetora
- 2716 formation of the tridimensional protein structure**  
(Enz.)  
(Enzymology; ref. to protein-chain formation and characteristic.)  
*d* Bildung *f*der dreidimensionalen Proteinstruktur  
*f* formation *f*de la structure tridimensionnelle de la protéine  
*p* formação *f*da estrutura tridimensional da proteína
- 2717 formation tendency of covalent protein bonds by the penicillins**  
(Ant.)  
(Allergy causing tendency due to unstableness of the beta-lactam cycle; see this entry.)  
*d* Tendenz *f*zur kovalenten Proteinbindung von Penicillinen  
*f* tendance *f*à la formation de liaisons covalentes protéiniques par des pénicillines  
*p* tendência *f*à formação de ligações covalentes
- protéicas pelas penicilinas
- 2718 formed adj by the action of enzymes**  
(Horm.)  
(E.g. ref. to a certain hormone as angiotensin.)  
*d* durch Enzymwirkung gebildet  
*f* formé par l'action d'enzymes  
*p* formada pela ação de enzimas
- 2719 formula containing the principle vitamins necessary for the organism**  
(Vit.)  
(Vitamin technology; ref. to formulation of multivitamin tablets; see this entry.)  
*d* Formel *f*mit den hauptsächlichsten dem Organismus notwendigen Vitaminen  
*f* formule *f*contenant les vitamines principales nécessaires à l'organisme  
*p* fórmula *f*com as principais vitaminas necessárias ao organismo
- 2720 formulation of multivitamin tablets**  
(Vit.)  
(Vitamin technology; a of pharmaceutical preparation.)  
*d* Formulierung *f*von Multivitamin-tabletten  
*f* formulation *f*de comprimés multivitaminiques  
*p* formulação *f*de comprimidos multivitaminicos
- 2721 formulations of 96%; 96% formulations**  
(Prod.)  
(Pharmaceutical technology.)  
*d* 96%ige Einstellungen *fpl*  
*f* préparations *fpl* à 96%  
*p* formulações *fpl* a 96%
- 2722 for preparation of emulsions adv**  
(Prod.)  
(Pharmaceutical processes.)  
*d* zur Emulsionen-Herstellung  
*f* pour la fabrication d'émulsions  
*p* para a elaboração de emulsões
- 2723 found v by shaking**  
(Prod.)  
(Pharmaceutical processes.)  
*d* schmelzen durch Schütteln; schmelzen unter Schüttelbewegungen  
*f* fondre par agitation  
*p* fundir por agitação
- 2724 fractional distillation**  
(Prod.)  
(Pharmaceutical technology; ref. to processes; e.g. creosote fraction distillation, see entries: creosote and creosol.)

- d* fraktionierte Destillation *f*  
*f* distillation *f* fractionnée  
*p* destilação *f* fracionada
- 2725 fractionated centrifugation**  
 (Prod.)  
 (Pharmaceutical processes; ref. to operations of machines etc. in processes: ref. to division methods of substance mixtures; graduation of the centrifugation process.)  
*d* fraktionierte Zentrifugierung *f*  
*f* centrifugation *f* fractionnée  
*p* centrifugação *f* fracionada
- 2726 fractionation**  
 (Prod.)  
 (Substance fractionation: ref. to product research in pharmaceutical technology.)  
*d* Fraktionierung *f*  
*f* fractionnement *m*  
*p* fracionamento *m*
- 2727 fragility of blood-capillaries due to vitamin C deficiency**  
 (Vit.)  
 (Vitamin physiology; vitamin C hypovitaminosis; scurvy symptom.)  
*d* Zerbrechlichkeit *f* der Blutkapillaren bedingt durch Vitamin-C-Mangel; Schwäche *f* der Blutkapillaren bedingt durch Vitamin-C-Mangel  
*f* fragilité *f* des capillaires sanguins due à la carence en vitamine C  
*p* fragilidade *f* dos capilares sanguíneos devido à deficiência de vitamina C
- 2728 fragment v; break v up into fragments**  
 (Prod.)  
 (Pharmaceutical processes; ref. to separation methods.)  
*d* fragmentieren; in Fragmente zerlegen  
*f* fragmenter; séparer en fragments  
*p* fragmentar; fracionar; separar em fragmentos
- 2729 fragmentary; consisting of fragments** *adj*  
 (Prod.)  
 (Pharmaceutical technology; e.g. substance characteristic.)  
*d* fragmentarisch; fragmentär; bruchstückhaft  
*f* fragmentaire; à l'état de fragments  
*p* fragmentário; que se encontra em fragmentos
- 2730 fragmentation**  
 (Prod.)  
 (Pharmaceutical technology; breaking into parts.)  
*d* Fragmentieren *n*; Fragmentierung *f*; in Fragmente *npl* zerlegen  
*f* fragmentation *f*  
*p* fragmentação *f*
- 2731 fragmentation of a chromosome interrupting the succession of genes**  
 (Cyt.)  
 (Cytology; ref. to chromosomal defects and consequences.)  
*d* Fragmentierung *f* eines Chromosomes, welche die Gen-Reihenfolge unterbricht  
*f* fragmentation *f* d'une chromosome interrompant la succession des gènes  
*p* fragmentação *f* de um cromossomo interrompendo a sucessão dos genes
- 2732 fragmentation of a chromosome provoking a mutation**  
 (Cyt.)  
 (Cytology; ref. to chromosomal defects and consequences.)  
*d* eine Mutation hervorrufende Chromosomentfragmentierung *f*  
*f* fragmentation *f* du chromosome provoquant une mutation  
*p* fragmentação *f* de um cromossomo provocando uma mutação
- \* **free antibiotic fraction** → 465
- 2733 free-antiradical effect of the vitamins**  
 (Vit.)  
 (Vitamin physiology, certain vitamins (e.g. vitamin C, vitamin E) as active principles against free radicals.)  
*d* frei-antiradikale Wirkung *f* der Vitamine  
*f* effet *m* antiradicaux libres des vitamines  
*p* efeito *m* antiradicaux livres das vitaminas
- 2734 free-falling surfactant solution**  
 (Prod.)  
 (Pharmaceutical technology; see entry: "determination of a surfactant's wetting power", ref. to foam measuring method. DIN 53902, part 2.)  
*d* freies Ausfließenlassen *n* einer Tensidlösung  
*f* solution *f* de tensioactif en chute libre  
*p* escoamento *m* da solução de tensoativo em queda livre
- 2735 free-flowing granules**  
 (Prod.)  
 (Pharmaceutical technology.)  
*d* freifließende Granulate *npl*  
*f* granules *mpl* à écoulement libre  
*p* grânulos *mpl* de fluxo solto

- 2736 free-flowing powder**  
(Prod.)  
(Pharmaceutical technology.)  
*d* rieselfähiges Pulver *n*  
*f* poudre *f* à écoulement libre  
*p* pó *m* a escorregar livremente
- 2737 free-flowing vitamin powder**  
(Vit.)  
(Vitamin technology; ref. to vitamin powder flowing properties.)  
*d* rieselfähiges Vitamin-Pulver *n*  
*f* poudre *f* vitaminique à écoulement libre  
*p* pó *m* de vitamina a escorregar livremente
- 2738 freely soluble in oils** *adj*  
(Prod.)  
(Pharmaceutical technology; product characteristic.)  
*d* leicht fettlöslich  
*f* facilement soluble dans d'huiles  
*p* facilmente solúvel em óleos
- 2739 free nicotinic acid**  
(Vit.)  
(Vitamin biochemistry; C<sub>6</sub>H<sub>5</sub>NO<sub>2</sub>; niacin; vitamin B<sub>3</sub>, vitamin PP; plant origin.)  
*d* freie Nicotinsäure *f*  
*f* acide *m* nicotinique libre  
*p* ácido *m* nicotínico livre
- 2740 free oxygen radical**  
(Mol.)  
(A free radical consists of an atom or atom group having one unpaired valence electron, due to which they are very reactive.)  
*d* freies Sauerstoff-Radikal *n*  
*f* radical *m* libre oxigène  
*p* radical *m* livre de oxigênio
- 2741 free-radical catcher**  
(Vit.)  
(Vitamin physiology; ref. to vitamins with antioxydant activities, e.g. vitamin C (ascorbic acid) and beta-carotene (as provitamin A), vitamin E (alpha tocopherol).)  
*d* Einfänger *m* reier Radikale  
*f* piègeur *m* de radicaux libres  
*p* caçador *m* dos radicais livres
- 2742 free-radical polymerization**  
(Prod.)  
(Pharmaceutical technology; a polymerization process.)  
*d* Freiradikal-Polymerisation *f*  
*f* polymérisation *f* aux radicaux libres  
*p* polimerização *f* de radicais livres
- 2743 free-radical trap**  
(Enz.)  
(Biochemical product characteristic.)  
*d* Falle *f* freier Radikale; Falle *f* für die freien Radikale  
*f* piège *m* aux radicaux libres  
*p* alçapão *m* para os radicais livres
- 2744 free thiamin[e]**  
(Vit.)  
(Found abundantly in plants.)  
*d* freies Thamin *n*  
*f* thiamine *f* libre  
*p* tiamina *f* livre
- 2745 freeze-dried vitamin injectable; lyophilized vitamin injectable**  
(Vit.)  
(Vitamin technology; pharmaceutical vitamin preparation for injections.)  
*d* gefriergetrocknetes Vitamin-Injektionsprodukt *n*; lyophilisiertes Vitamin-Injektionsprodukt *n*  
*f* produit *m* injectable vitaminique lyophilisé  
*p* produto *m* vitamínico injetável liofilizado
- 2746 freeze-drying; lyophilization**  
(Prod.)  
(Pharmaceutical technology; drying process under vacuum of frozen substances, for preservation purposes.)  
*d* Gefriertrocknung *f*; Lyophilisation *f*  
*f* lyophilisation *f*  
*p* liofilização *f*  
  
\* freeze-drying auxiliary → 3896
- 2747 freezing point**  
(Prod.)  
(Pharmaceutical technology; temperature at which a liquid turns solid.)  
*d* Gefrierpunkt *m*  
*f* point *m* de congélation  
*p* ponto *m* de congelação; ponto *m* de congelamento
- 2748 freezing point depression**  
(Prod.)  
(Pharmaceutical technology; ref. to the temperature at which a liquid turns solid.)  
*d* Erniedrigung *f* des Gefrierpunktes; Gefrierpunktsenkung *f*  
*f* abaissement *m* du point de congélation; diminution *f* du point de congélation  
*p* abaixamento *m* do ponto de congelamento; diminuição *f* do ponto de congelação



- 2749 freezing process**  
(Prod.)  
(Pharmaceutical technology; conservation process by rapid temperature decrease for the slowing down of biological phenomena.)  
*d* Gefrierprozess *m*  
*f* processus *m* de congélation  
*p* processo *m* de congelação
- \* **friability** → 2154
- 2750 friability; attrition on rolling**  
(Prod.)  
(Pharmaceutical processes; physical tablet characteristic, evaluated by loss on rolling.)  
*d* Friabilität *f*; Rollverschleiß *m*  
*f* friabilité *f*; frottement *m* de roulement  
*p* friabilidade *f*; desgaste *m* no rolamento
- 2751 friability of tablet cores**  
(Prod.)  
(Pharmaceutical technology; dust formation process on tablet cores with loss of particles; this defect can be eliminated by means of binding auxiliaries.)  
*d* Staubbildung *f* der Tablettkerne  
*f* friabilité *f* des noyaux de comprimés  
*p* friabilidade *f* dos núcleo de comprimidos
- 2752 friable granules**  
(Prod.)  
(Pharmaceutical technology; in tableting process.)  
*d* bröckeliges Granulat *n*; krümeliges Granulat *n*  
*f* granules *mpl* friables  
*p* grânulos *mpl* friáveis
- 2753 frictional pressure**  
(Prod.)  
(Pharmaceutical processes; ref. to processing activities.)  
*d* Reibungsdruck *m*  
*f* pression *f* due à la friction  
*p* pressão *f* por fricção; pressão *f* por atrito
- 2754 from an emission cell secreted hormone; from an emitting cell secreted hormone**  
(Horm.)  
(Ref. to hormone activity in the body.)  
*d* von einer Sendezelle abgesondertes Hormon *n*  
*f* hormone *f* sécrétée par une cellule émettrice  
*p* hormônio *m* secretado por uma célula emissora; hormônio *m* segregado por uma célula emissora
- \* **from an emitting cell secreted hormone** → 2754
- 2755 froth v; foam v**  
(Prod.)  
(Pharmaceutical chemistry; product characteristic.)  
*d* schäumen  
*f* mousser  
*p* espumar
- 2756 fructose**  
(Prod.)  
(C<sub>6</sub>H<sub>12</sub>O<sub>6</sub>; fruit sugar; auxiliary in pharmaceutical processes/production.)  
*d* Fruktose *f*  
*f* fructose *f*  
*p* frutose *f*
- 2757 fructose intolerance**  
(Med.)  
(Ref. a metabolic disorder.)  
*d* Fruktoseunverträglichkeit *f*; Unverträglichkeit *f* gegenüber Fruktose  
*f* intolérance *f* a la fructose  
*p* intolerância *f* à fructose
- 2758 fruit sugar; levulose**  
(Prod.)  
(Pharmaceutical chemistry; fructose-type to be found especially in honey and fruit juices, C<sub>6</sub>H<sub>12</sub>O<sub>6</sub>; one of the two sucrose sugars (the other one is glucose).)  
*d* Fruchtzucker *m*; Lävulose *f*  
*f* sucre *m* de fruit; lévulose *m*  
*p* açúcar *m* das frutas; levulose *f*
- 2759 fucus; brown algae; bladder-wrack; black-tang**  
(Phyto.)  
("Fucus vesiculosus L.; Phaeophyta"; containing e.g. sodium alginate (algin) and approx. 0,01% of iodine; used e.g. as weight reduction auxiliary.)  
*d* Fucus *m*; Braunalge *f*; Blasentang *m*  
*f* fucus *m*; algue *f* brune  
*p* fuco *m*; fucus *m*; alga *f* marrom
- 2760 fumaric acid; trans-butenedioic acid**  
(Enz.)  
(C<sub>4</sub>H<sub>4</sub>O<sub>4</sub>; intermediate in the Krebs-cycle.)  
*d* Fumarsäure *f*; trans-Butendisäure *f*  
*f* acide *m* fumarique  
*p* ácido *m* fumárico
- 2761 function**  
(Prod.)  
(Pharmaceutical chemistry; ref. e. g. to the characteristic behaviour of a chemical compound.)  
*d* Funktion *f*

- f* fonction *f*  
*p* função *f*
- 2762 functional alteration of a proteic chain**  
 (Enz.)  
 (Enzymology; caused by modification of amino acids within the chain.)  
*d* funktionelle Veränderung *f* einer Proteinkette  
*f* altération *f* fonctionnelle d'une chaîne protéique  
*p* alteração *f* funcional de uma cadeia protéica
- 2763 functional deficiency of folic acid**  
 (Vit.)  
 (Vitamin physiology; ref. to pteroylmonoglutamic acid functional deficiency, cause e.g. of megaloblastic anaemia and neuropathies etc.)  
*d* funktionelle Mangelscheinung *f* der Folsäure  
*f* carence *f* fonctionnelle de l'acide folique  
*p* carência *f* funcional do ácido fólico
- 2764 functional differences between vitamins**  
 (Vit.)  
 (Ref. to vitamin biochemistry in the human body.)  
*d* funktionelle Verschiedenheiten *fpl* der Vitamine  
*f* différences *fpl* fonctionnelles des vitamines  
*p* diferenças *fpl* funcionais das vitaminas
- 2765 functional group**  
 (Mol.)  
 (Atom group responsible for the characteristic reaction of a chemical compound by substitution of a hydrogen atom; e.g. amino group -NH<sub>2</sub> (amine); carboxyl group -COOH (carboxylic acids), hydroxyl group -OH (alcohols).)  
*d* funktionelle Gruppe *f*  
*f* groupe *m* fonctionnel  
*p* grupo *m* funcional
- 2766 functionality**  
 (Vit.)  
 (Ref. to certain biochemical processes.)  
*d* Funktionstüchtigkeit *f*  
*f* fonctionnalité *f*  
*p* funcionalidade *f*
- 2767 functional properties of vitamins**  
 (Vit.)  
 (Vitamin biochemistry/physiology.)  
*d* funktionelle Eigenschaften *fpl* der Vitamine  
*f* propriétés *fpl* fonctionnelles des vitamines  
*p* propriedades *fpl* funcionais das vitaminas
- 2768 functional reduction of vitamin activity**  
 (Vit.)  
 (Vitamin physiology.)  
*d* funktionelle Reduktion *f* der Vitaminaktivität  
*f* réduction *f* fonctionnelle de l'activité vitaminique  
*p* redução *f* funcional da atividade vitamínica
- 2769 functional trajectory**  
 (Pharm.)  
 (Pharmacokinetics; ref. to the metabolic pathway of vitamins and enzymes.)  
*d* funktioneller Verlauf *m*; funktioneller Weg *m*  
*f* trajet *m* fonctionnel  
*p* trajeto *m* funcional
- 2770 function in chemistry**  
 (Prod.)  
 (Pharmaceutical chemistry; entirety of chemical properties; e.g. acid function.)  
*d* Funktion *f* in der Chemie  
*f* fonction *f* en chimie  
*p* função *f* em química
- 2771 functioning of the living cell**  
 (Enz.)  
 (Biotechnology in industrial exploitation.)  
*d* Funktionieren *n* der lebenden Zelle  
*f* fonctionnement *m* de la cellule vivante  
*p* funcionamento *m* da célula viva
- 2772 function of ascorbic acid: inactivation of free radicals**  
 (Vit.)  
 (Vitamin physiology.)  
*d* Funktion *f* der Ascorbinsäure: Inaktivierung der freien Radikale; Funktion *f* der Ascorbinsäure: Unwirksammachung der freien Radikale  
*f* fonction *f* de l'acide ascorbique: inactivation des radicaux libres  
*p* função *f* do ácido ascórbico: inativação dos radicais livres
- 2773 function of hydro-mineral balance**  
 (Horm.)  
 (E.g. promoted by certain hormones.)  
*d* Funktion *f* des hydro-mineralischen Gleichgewichtes  
*f* fonction *f* d'équilibre hydro-minéral  
*p* função *f* do equilíbrio hidro-mineral
- 2774 function of the receptor cell; function of the target cell**  
 (Anat.)  
 (Ref. to the interaction between the active substances and the receptor/target cell.)  
*d* Empfängerzellenfunktion *f*;  
 Zielzellenfunktion *f*

- f* fonction *f* de la cellule réceptrice; fonction *f* de la cellule cible  
*p* função *f* da célula receptora; função *f* da célula-alvo
- \* **function of the target cell** → 2754
- 2775 fungal culture as origin of antibiotic molecules**  
 (Ant.)  
 (Origin of antibiotics in biotechnology.)  
*d* Pilzkultur *f* als Ursprung antibiotischer Moleküle  
*f* culture *f* fongique comme d'origine de molécules antibiotiques  
*p* cultura *f* de fungos como origem de moléculas anti-bióticas
- 2776 fungicidal action**  
 (Ant.)  
 (Killing effect on fungi; see entry: bactericidal action.)  
*d* fungizide Wirkung *f*  
*f* action *f* fongicide  
*p* ação *f* fungicida
- 2777 fungicide**  
 (Ant.)  
 (A chemotherapeutical fungi killing substance.)  
*d* Fungizid *n*  
*f* fongicide *m*  
*p* fungicida *m*
- 2778 fungiform papilla**  
 (Anat.)  
 (One kind of tongue-protuberance related to the taste buds.)  
*d* pilzförmige Zungenpapille *f*; pilzförmige Geschmacksknospe *f*  
*f* papille *f* fungiforme  
*p* papila *f* fungiforme
- 2779 fungistatic action**  
 (Ant.)  
 (Proliferation and growth inhibiting effect on fungi; see also entry: bacteriostatic power.)  
*d* fungistatische Wirkung *f*  
*f* action *f* fongistatique  
*p* ação *f* fungistática
- 2780 fungus**  
 (Med.)  
 (Ref. to parasitic fungi.)  
*d* Pilz *m*  
*f* champignon *m*  
*p* fungo *m*
- 2781 furfural**  
 (Vit.)  
 (C<sub>5</sub>H<sub>4</sub>O<sub>2</sub>; 2-furaldehyde; may occur as by-product in vitamin C preparations.)  
*d* Furfural *n*; Furfurol *n*  
*f* furfural *m*  
*p* furfural *m*; furfurol *m*
- 2782 fusiform bacteria**  
 (Med.)  
 (Ref. to characteristics of certain bacterial stem.)  
*d* spindelförmige Bakterien *fpl*  
*f* bactéries *fpl* fusiformées  
*p* bactérias *fpl* fusiformes
- 2783 fusion**  
 (Prod.)  
 (Pharmaceutical chemistry; ref. to merging of various chemical elements into a whole.)  
*d* Verschmelzung *f*; Verschmelzen *n*  
*f* fusion *f*  
*p* fusão *f*
- 2784 fusion of the excipient**  
 (Prod.)  
 (Pharmaceutical chemistry; ref. e.g. to: "cacao butter; cocoa butter" (see this entry), as suppository excipient.)  
*d* Schmelzen *n* des Trägermaterials; Schmelzen *n* der Trägersubstanz  
*f* fusion *f* de l'excipient  
*p* fusão *f* do excipiente
- 2785 fusion point**  
 (Prod.)  
 (Pharmaceutical technology.)  
*d* Schmelzpunkt *m*  
*f* point *m* de fusion  
*p* ponto *m* de fusão

## G

- 2786 galactagogue**  
(Prod.)  
(Ref. to milk secretion stimulating drug.)  
*d* Milchabsonderung *f* förderndes Mittel  
*f* remédio *m* galactagogue; galactogène *m*;  
lactogène *m*  
*p* remédio *m* galactagogo; galactógeno *m*
- \* **galactin** → 3738
- 2787 galactosemia**  
(Med.)  
(Inherited metabolic disease: Galactose accumulation due to enzyme deficiency ref. to galactose conversion into glucose.)  
*d* Galaktosämie *f*  
*f* galactosémie *f*  
*p* galactosemia *f*
- 2788 galenical: prepared by extracting active principles from plant/animal sources**  
(Phyto.)  
(Definition of a galenical: English and German: as given here; French: Galenical means the given pharmaceutic form of a drug; galenical form of a medicament like, e.g. suppositories, syrups etc; Portuguese/Brazil: drugs of not exactly defined composition.)  
*d* Galenikum *n*: Hergestellt durch Wirkstoffextraktion pflanzlicher/tierischer Herkunft  
*f* médicament *m* galénique: préparé par l'extraction de principes actifs d'origine végétale/animale  
*p* medicamento *m* galênico: preparado pela extração de princípios ativos de origem vegetal/animal
- 2789 galenic preparations**  
(Prod.)  
(Definitions: English/German: ref. to preparations/drugs of animal/plant origin; French: ref. to the production of pharmaceutical forms; Portuguese: any medicament of a not well-defined composition.)  
*d* galenische Präparate *npl*  
*f* préparations *fpl* galéniques  
*p* preparações *fpl* galênicas; preparados *mpl* galênicos
- 2790 galvanism**  
(Prod.)  
(Pharmaceutical processes; as to Luigi Galvani, 1797, science of transformation of chemical energy into electrical energy.)  
*d* Galvanismus *m*  
*f* galvanisme *m*  
*p* galvanismo *m*
- 2791 gamete**  
(Cyt.)  
(Haploid sex cell, having half of the chromosome number, i.e. 23; the other (somatic) cells have 46 chromosomes (23 pairs of homologue chr., being called: "diploid" (see entries: haploid cell/diploid cell and homologous chromosome).)  
*d* Gamet *m*  
*f* gamète *m*  
*p* gameta *m*
- 2792 gametogenesis**  
(Cyt.)  
(Process of formation of gametes.)  
*d* Gametogenese *f*; Geschlechtszellenbildung *f*  
*f* gamétogénèse *f*  
*p* gametogênese *f*
- 2793 gamma-aminobutyric acid**  
(Vit.)  
(C<sub>4</sub>H<sub>9</sub>NO<sub>2</sub>; GABA; neurotransmitter; ref. to vitamin B<sub>6</sub> biochemistry.)  
*d* Gamma-Aminobuttersäure *f*  
*f* acide *m* gamma aminobutyrique  
*p* ácido *m* gama aminobutírico
- 2794 gamma irradiation**  
(Vit.)  
(Vitamin technology; ref. to gamma sterilization of vitamins.)  
*d* Gamma-Ausstrahlung *f*  
*f* irradiation *f* gamma  
*p* irradiação *f* gama
- 2795 gamma sterilization of vitamins**  
(Vit.)  
(Vitamin technology; sterilization process.)  
*d* Gamma-Sterilisation *f* von Vitaminen;  
Gamma-Sterilisierung *f* von Vitaminen  
*f* stérilisation *f* gamma de vitamines  
*p* esterilização *f* gama de vitaminas
- \* **gangliablocker** → 2796
- 2796 ganglioplegic substance; gangliablocker**  
(Prod.)  
(Pharmaceutical chemistry; e.g. nicotine (C<sub>10</sub>H<sub>14</sub>N<sub>2</sub>) in higher doses, as a side-effect for heavy smokers.)

- d* ganglienlähmender Stoff *m*;  
Ganglienblocker *n/npl*  
*f* substance *f* ganglioplégique  
*p* substância *f* ganglioplégica
- 2797 gargles**  
(Prod.)  
(Pharmaceutical technology; mouth-and throat-washing medicated solution.)  
*d* Mundwasser *n*; Gurgelwasser *n*  
*f* gargarisme *m*; solutions *f/pl* pour gargarismes  
*p* gargarejo *m*; solução *f* para higiene bucal
- 2798 gas chromatography method**  
(Prod.)  
(Ref. to fine chemical technology; analytical method; separation process.)  
*d* Gaschromatographie-Methode *f*  
*f* méthode *f* de la chromatographie en phase gazeuse  
*p* método *m* de cromatografia em fase gasosa; método *m* de cromatografia de gases
- 2799 gaseous body**  
(Prod.)  
(Pharmaceutical chemistry; a body characterized by absence of solidity, expanding indefinitely.)  
*d* gasförmiger Körper *m*  
*f* corps *m* gazeux  
*p* corpo *m* gasoso
- 2800 gaseous pharmaceutical carrier**  
(Prod.)  
(Pharmaceutical technology: e.g. the gaseous phase of aerosols.)  
*d* gasförmige pharmazeutische Wirkstoffträgersubstanz *f*  
*f* véhicule *m* gazeux pharmaceutique  
*p* veículo *m* farmacêutico em estado gasoso
- 2801 gas pressure**  
(Prod.)  
(Pharmaceutical processes; ref. to processing activities.)  
*d* Gasdruck *m*  
*f* pression *f* du gaz  
*p* pressão *f* de gás
- 2802 gas sterilization by ethylene oxide**  
(Prod.)  
(Pharmaceutical technology; a sterilization process by chemical substances.)  
*d* Gassterilisation *f* durch Äthylenoxid; Sterilisierung *f* durch Begasung mit Äthylenoxid  
*f* stérilisation *f* gazeuse par l'oxyde d'éthylène  
*p* esterilização *f* por gás pelo óxido de etileno
- 2803 gastric acid**  
(Med.)  
(Ref. to hyperacidity, to be treated by antacids, drugs for the neutralization of hydrochloric gastric acid.)  
*d* Magensäure *f*  
*f* acide *m* gastrique  
*p* ácido *m* gástrico
- 2804 gastric acidity**  
(Pharm.)  
(Antacid: remedy against excessive gastric acid.)  
*d* Magensäuerung *f*  
*f* acidité *f* gastrique  
*p* acidez *f* gástrica
- 2805 gastric acidity degree**  
(Pharm.)  
(Ref. to antacid: remedy against excessive gastric acid.)  
*d* Grad *m* der Magensäure  
*f* degré *m* de l'acidité gastrique  
*p* grau *m* da acidez gástrica
- 2806 gastric administering of medicaments**  
(Pharm.)  
(Ref. to administering of a specific kind of medicine: by the stomach.)  
*d* gastrale Verabreichung *f* von Medikamenten  
*f* administration *f* stomacale des médicaments; administration *f* gastrique des médicaments  
*p* administração *f* estomacal do medicamento; administração *f* do medicamento pelo estômago
- 2807 gastric mucosa hormone; hormone of the mucosa of the stomach**  
(Horm.)  
(See entry: gastrin.)  
*d* Magenschleimhaut-Hormon *n*  
*f* hormone *f* de la muqueuse gastrique; hormone *f* de la muqueuse de l'estomac  
*p* hormônio *m* da mucosa gástrica; hormônio *m* da mucosa do estômago
- 2808 gastric mucous membrane protecting prostaglandines**  
(Pharm.)  
(Synthetic medicaments for the treatment of gastric ulcer.)  
*d* magenschleimhautschützende Prostaglandine *npl*  
*f* prostaglandines *f/pl* protectrices de la muqueuse gastrique  
*p* prostaglandinas *f/pl* protetoras da mucosa gástrica

- 2809 gastrin**  
(Horm.)  
(Various gastric mucosa hormones, promoting secretion of the gastric juice.)  
*d* Gastrin *n*  
*f* gastrine *f*  
*p* gastrina *f*; gasterina *f*
- 2810 gastrin increases acid production over specific membrane receptors**  
(Horm.)  
(Hormone biochemistry; hormone physiology.)  
*d* Gastrin *n* erhöht die Säureproduktion über besondere Membranrezeptoren  
*f* gastrine *f* augmente la production des acides par des récepteurs membranaires spécifiques  
*p* gastrina *f* aumenta a produção de ácidos via receptores membranosos específicos
- 2811 gastrin is a polypeptidic hormone**  
(Horm.)  
(Hormone biochemistry.)  
*d* Gastrin *n* ist ein Polypeptid-Hormon  
*f* gastrine *f* est une hormone polypeptidique  
*p* gastrina *f* é um hormônio polipeptídico
- 2812 gastrin is jointly responsible for the hydrochloric acid production in the stomach**  
(Horm.)  
(Hormone biochemistry; hormone physiology.)  
*d* Gastrin *n* ist mitverantwortlich für die Salzsäureproduktion im Magen  
*f* gastrine *f* partage la responsabilité dans la production de l'acide chlorhydrique de l'estomac  
*p* gasterina *f* é co-responsável na produção de ácido clorídrico no estômago
- 2813 gastrin is set off on a greater scale after food intake**  
(Horm.)  
(Hormone biochemistry; hormone physiology.)  
*d* Gastrin *n* wird nach der Nahrungsaufnahme in einem größeren Maßstab freigesetzt  
*f* gastrine *f* est libérée après la nourriture à échelle plus élevée  
*p* gasterina *f* é liberada após a alimentação numa escala maior
- 2814 gastrin stimulates the gastric secretion**  
(Horm.)  
(Hormone biochemistry; hormone physiology.)  
*d* Gastrin *n* stimuliert die gastrische Sekretion
- f* gastrine *f* stimule la sécrétion gastrique  
*p* gasterina *f* estimula a secreção gástrica
- 2815 gastrin stimulates the secretion of calcitonin**  
(Horm.)  
(CT; thyrocalcitonin; a polypeptide thyroid gland hormone having phosphate- and calcium decreasing activity.)  
*d* Gastrin *n* stimuliert die Ausschüttung von Calcitonin  
*f* gastrine *f* stimule la sécrétion de calcitonine  
*p* gasterina *f* estimula a secreção da calcitonina
- 2816 gastromucous effect**  
(Pharm.)  
(Properties of certain medicaments.)  
*d* magenschleimhautbetreffende Einwirkung *f*  
*f* effet *m* gastromuqueux  
*p* efeito *m* sobre a mucosa gástrica
- 2817 gel**  
(Prod.)  
(Pharmaceutical technology; product (a colloid); product aspect.)  
*d* Gel *n*  
*f* gel *m*  
*p* gel *m*
- 2818 gelatin[e]**  
(Prod.)  
(A colloidal protein, obtained by bone/skin-boiling; auxiliary in pharmaceutical processes/production, binder for tablets.)  
*d* Gelatine *f*  
*f* gélatine *f*  
*p* gelatina *f*
- 2819 gelatin[e] as flexible encapsulating auxiliary**  
(Prod.)  
(Pharmaceutical technology, material for the embedding of active principles.)  
*d* Gelatine *f* als flexiblen Einkapselungs-Hilfsmittel  
*f* gélatine *f* comme auxiliaire encapsulant flexible  
*p* gelatina *f* como auxiliar de encapsulação flexível
- \* **gelatin[e] capsule for the treatment of the rectum** → 5305
- 2820 gelatin[e] capsules**  
(Prod.)  
(Pharmaceutical technology; a pharmaceutical form.)  
*d* Gelatine-Kapseln *f/pl*

- f* capsules *fpl* de gélatine  
*p* cápsulas *fpl* de gelatine
- 2821 gelatin[e]-carbohydrate matrix**  
 (Vit.)  
 (Vitamin technology: vitamin A products embedded in a gelatine-carbohydrate matrix.)  
*d* Gelatine-Kohlenhydrat-Matrize *f*  
*f* matrice *f* de gélatine et d'hydrate de carbone  
*p* matriz *f* de gelatina e carboidrato
- 2822 gelatin[e]-coated dry vitamin powder**  
 (Vit.)  
 (Vitamin technology; ref. to the production of vitamin preparations.)  
*d* mit Gelatine *f* umhülltes Vitamin-Trockenpulver *n*  
*f* poudre *f* sèche vitaminique enrobée de gélatine  
*p* pó *m* seco de vitaminas revestido com gelatina
- 2823 gelatin[e] matrix**  
 (Vit.)  
 (Embedding material for vitamin dry powders for vitamin stabilization.)  
*d* Gelatinematrize *f*  
*f* matrice *f* de gélatine  
*p* matriz *f* de gelatina
- 2824 gelatin[e] solution**  
 (Vit.)  
 (Vitamin technology, used as a binder in granulation processes.)  
*d* Gelatinelösung *f*  
*f* solution *f* de gélatine  
*p* solução *f* de gelatina
- 2825 gelatinization**  
 (Prod.)  
 (Pharmaceutical technology; transforming a substance into a gelatinous condition, producing a jelly.)  
*d* Gelatinisierung *f*  
*f* gélatinisation *f*  
*p* gelatinização *f*
- 2826 gelatinization agent**  
 (Prod.)  
 (Pharmaceutical technology; transforming a substance into a gelatinous condition, producing a jelly, using a gelatinization additive; see also entry: gelatinization.)  
*d* Gelatinierungsmittel *n*  
*f* agent *m* de gélatinisation  
*p* produto *m* de gelatinização
- 2827 gelatinize** *v*  
 (Prod.)  
 (Pharmaceutical technology; transforming a substance into a gelatinous condition, producing a jelly; see also entry: gelatinization.)  
*d* gelatinieren  
*f* gélatiniser  
*p* gelatinizar
- 2828 gelatinous** *adj*  
 (Prod.)  
 (Pharmaceutical technology; product characteristic; viscous.)  
*d* gelatinös  
*f* gélatineux  
*p* gelatinoso
- 2829 gelatinous precipitate**  
 (Prod.)  
 (Pharmaceutical technology; substance characteristic; viscous.)  
*d* gelatinöse Präzipitation *f*  
*f* précipité *m* gélatineux  
*p* precipitado *m* gelatinoso
- 2830 gel formation**  
 (Prod.)  
 (Pharmaceutical technology.)  
*d* Gelbildung *f*  
*f* formation *f* de gel  
*p* formação *f* de gel
- 2831 gene**  
 (Cyt.)  
 (Genetic (DNA) material unit on a chromosome.)  
*d* Gen *n*; Erbräger *m*  
*f* gène *m*  
*p* gene *m*
- 2832 general reaction**  
 (Med.)  
 (E.g. ref. to allergic reactions: anaphylactic shock.)  
*d* Allgemeinreaktion *f*  
*f* réaction *f* générale  
*p* reação *f* geral
- 2833 general structure of the desoxyribonucleic acid**  
 (Enz.)  
 (Biotechnology; DNA-structure, determined in 1953 by Watson and Crick.)  
*d* allgemeiner Aufbau *m* der Desoxyribonucleinsäure; allgemeine Struktur *f* der Desoxyribonucleinsäure  
*f* structure *f* générale de l'acide désoxyribonucléique  
*p* estrutura *f* geral do ácido desoxiribonucléico

- 2834 generic name of a medicament**  
(Prod.)  
(Medicament having no more its original patent, which now is of public domain, obtainable without necessity of prescription.)  
*d* Freiname *m* eines Arzneimittels  
*f* désignation *f* générique d'un médicament  
*p* nome *m* genérico de um medicamento  
  
\* **genetic coupling** → 2842
- 2835 genetic diseases connected to amino acids**  
(Cyt.)  
(Ref. to genetic biochemistry; genetic pathologies.)  
*d* genetische Aminosäuren *fpl* betreffende Krankheiten  
*f* maladies *fpl* génétiques liées aux acides aminés  
*p* doenças *fpl* genéticas ligadas aos aminoácidos
- 2836 genetic engineering**  
(Enz.)  
(Biotechnology; ref. to processes of modification of genetic material; intervention in genetic processes.)  
*d* Gentechnologie *f*  
*f* génie *m* génétique; techniques *mpl* des gènes  
*p* engenharia *f* genética
- 2837 genetic engineering directed towards energy production**  
(Enz.)  
(Biotechnology as applied biological science aimed at industrial exploitation.)  
*d* an der Energieproduktion orientierte Gentechnologie *f*  
*f* génie *m* génétique orienté vers la production de l'énergie  
*p* engenharia *f* genética orientada para a produção de energia
- 2838 genetic engineering directed towards mass production**  
(Enz.)  
(Biotechnology as applied biological science aimed at industrial exploitation.)  
*d* massenproduktionsorientierte Gentechnologie *f*  
*f* génie *m* génétique orienté vers la production de masse  
*p* engenharia *f* genética orientada para a produção em massa
- 2839 genetic engineering directed towards pharmacy**
- (Enz.)  
(Biotechnology as applied biological science aimed at industrial exploitation; e.g. production of medicaments, medical drugs.)  
*d* an der Pharmazeutische orientierte Gentechnologie *f*; zur Pharmazie ausgerichtete Gentechnologie *f*  
*f* génie *m* génétique orienté vers la pharmacie  
*p* engenharia *f* genética orientada para a farmácia
- 2840 genetic engineering directed towards the sector of the industry of agricultural products**  
(Enz.)  
(Biotechnology as applied biological science aimed at industrial exploitation.)  
*d* am Sektor der Agrarproduktindustrie ausgerichtete Gentechnologie *f*  
*f* génie *m* génétique orienté vers le secteur de l'industrie agro-alimentaire  
*p* engenharia *f* genética orientada para o setor da indústria de produtos agro-pastoris
- 2841 genetic information**  
(Cyt.)  
(Ref. to genetic information for synthesis of proteins in deoxyribonucleic acid (DNA) and ribonucleic acid (RNA).)  
*d* genetische Information *f*  
*f* information *f* génétique  
*p* informação *f* genética
- 2842 genetic pairing; genetic coupling**  
(Cyt.)  
(Ref. to gene pairs on the same chromosome string.)  
*d* Genpaarung *f*; Genkopplung *f*  
*f* accouplement *m* génétique  
*p* emparelhamento *m* genético; acoplamento *m* genético
- 2843 genetic pathologies**  
(Cyt.)  
(Deoxyribonucleic acid- (DNA)- related.)  
*d* erbbiologische Pathologien *fpl*  
*f* pathologies *fpl* génétiques  
*p* patologias *fpl* genéticas
- 2844 genetic transcription**  
(Cyt.)  
(First stage of genetic information processing, transfer from DNA to RNA; first stage of protein production.)  
*d* genetische Transkription *f*  
*f* transcription *f* génétique  
*p* transcrição *f* genética



- 2845 genome**  
(Cyt.)  
(Ref. to the (haploid) chromosome set of a gamete; see entries: gamete and haploid cell/diploid cell.)  
*d* Genom *n*  
*f* génome *m*  
*p* genoma *m*
- 2846 genotype**  
(Cyt.)  
(Ref. to the totality of the set of genes of a living being.)  
*d* Genotyp *m*  
*f* génotype *m*  
*p* genótipo *m*
- 2847 gentamicin**  
(Ant.)  
(A broad spectrum antibiotic, derived from an actinomycete.)  
*d* Gentamicin *n*  
*f* gentamicine *f*  
*p* gentamicina *f*
- 2848 genus**  
(Enz.)  
(Biotechnology; fauna/flora: classification of living organisms; taxonomy: a group of similar species; similar genera build a family.)  
*d* Gattung *f*  
*f* genre *m*  
*p* gênero *m*
- 2849 geriatric drug**  
(Prod.)  
(Ref. to geriatrics, medicine which deals with health problems of aging people.)  
*d* Geriatrikum *n*; Medikament *n* zur Behandlung von Alterserscheinungen; Medikament *n* zur Behandlung von Altersbeschwerden  
*f* médicament *m* gériatrique  
*p* medicamento *m* geriátrico
- 2850 geriatrics**  
(Med.)  
(Medicinal branch specialized in diseases of aging people.)  
*d* Geriatrie *f*; Altersheilkunde *f*  
*f* gériatrie *f*  
*p* geriatria *f*
- \* **germfree** → 645
- 2851 germicidal; sterilizing** *adj*  
(Prod.)  
(Pharmaceutical technology; elimination of microorganisms, germs.)  
*d* keimtötend; Keime abtötend; bakterientötend; sterilisierend  
*f* germicide; stérilisant  
*p* germicida; microbicida; esterilizador
- 2852 germs with folic acid production**  
(Ant.)  
(These germs are susceptible to the action of sulphonamides as these sulpha drugs prevent bacterial folic acid synthesis by their chemical similarity, exercising a displacement effect.)  
*d* Keime *mpl* mit Folsäureproduktion  
*f* germes *mpl* à production de l'acide folique  
*p* germes *mpl* tendo produção de ácido fólico
- 2853 gerontology; the study of human aging**  
(Med.)  
(Study of the physical changes and diseases during ageing.)  
*d* Gerontologie *f*; Altersforschung *f*  
*f* gérontologie *f*; étude *f* du vieillissement humain  
*p* gerontologia *f*; estudo *m* do envelhecimento humano
- 2854 gestagens**  
(Horm.)  
(Denomination of the hormone progesterone and similar synthetic substances; see also entry: progesterone; progestin.)  
*d* Gestagene *npl*  
*f* gestagènes *fpl*  
*p* progesterona *f* e similares sintéticos da progesterona
- 2855 get v an enzymatic process going**  
(Enz.)  
(Enzymology; figurative expressions for initiate (start) a process.)  
*d* einen enzymatischen Prozess in Gang bringen  
*f* enclencher un processus enzymatique  
*p* desencadear un processo enzimicoz
- \* **giant molecule of proteic nature** → 3906
- 2856 ginger**  
(Phyto.)  
("Zingiber officinale, Zingiberaceae"; medicinal herb; use: against colic, flatulence; digestive; in pharyngitis etc.)  
*d* Ingwer *m*  
*f* gingembre *m*  
*p* gengibre *m*
- \* **given quantity** → 4976

- 2857 give v off heat; emit v heat**  
(Prod.)  
(Pharmaceutical processes; ref. to processing activities, to chemical reactions etc.)  
*d* Wärme abgeben  
*f* céder de la chaleur; dépenser de la chaleur  
*p* ceder calor
- \* **Glauber's salt** → 5709
- 2858 glaucoma**  
(Med.)  
(Eye disease, caused by impaired drainage of the aqueous humour, resulting in increase of intraocular pressure on the optic nerve.)  
*d* Glaukom *n*; grüner Star *m*  
*f* glaucome *m*  
*p* glaucoma *m*
- 2859 glidant**  
(Prod.)  
(Pharmaceutical technology; e.g. in tableting processes: certain polyethylene glycol types.)  
*d* Gleitmittel *n*  
*f* produit *m* auxiliaire glissant  
*p* produto *m* auxiliar deslizante
- 2860 glidant in vitamin tablets**  
(Vit.)  
(Vitamin technology; e.g. talc.)  
*d* Gleitmittel *n* in Vitamintabletten  
*f* produit *m* auxiliaire glissant dans des comprimés vitaminiques  
*p* produto *m* auxiliar deslizante nos comprimidos de vitaminas
- 2861 gliding power: time function of a determined powder weight to flow out of the bottle**  
(Prod.)  
(Pharmaceutical technology: ref. to production and characteristics of pharmaceutical powders.)  
*d* Gleitfähigkeit *f*: Funktion der Zeit eines vorbestimmten Pulvergewichts aus dem Flakon rauszufließen  
*f* pouvoir *m* de glissement: fonction du temps d'un poids déterminé de poudre pour sortir d'un flacon  
*p* poder *m* de deslizamento: função de tempo de um peso determinado de pó para sair de um frasco
- 2862 gliding properties of tableting powder particles**  
(Prod.)  
(Pharmaceutical processes; powder characteristics promoted by "incorporation of a lubricant", see entry.)  
*d* Gleiteigenschaften *fpl* der Tablettenpresspulver-Teilchen  
*f* glissement *m* des particules des poudres de compression de comprimés  
*p* propriedades *fpl* de deslizamento das partículas dos pós de compressão de comprimidos
- 2863 globulin as protein**  
(Enz.)  
(Enzymology; classification (solubility) criterion of the heterogeneous group; soluble in diluted salt solutions.)  
*d* Globulin *n* als Protein  
*f* globuline *f* comme protéine  
*p* globulina *f* como proteína
- 2864 glomerular renal filtration**  
(Horm.)  
(Ref. to hormonal, glucocorticoid-activity.)  
*d* Glomeroli-Filtrierung *f* der Niere  
*f* filtration *f* glomérulaire rénale  
*p* filtração *f* glomerular renal
- 2865 glossitis**  
(Med.)  
(Inflammation of the tongue e.g. due to vitamin B<sub>12</sub>-deficiency.)  
*d* Zungenentzündung *f*  
*f* glossite *f*  
*p* glossite *f*
- 2866 glucagon**  
(Horm.)  
(A protein hormone of the pancreas; increases blood sugar level by promoting glycogen breakdown.)  
*d* Glucagon *n*  
*f* glucagon *m*  
*p* glicagônio *m*
- 2867 glucagon as an insulin antagonist**  
(Horm.)  
(See also entry: glucagon promotes blood sugar increase by glycogen breakdown in the liver.)  
*d* Glucagon *n* als Gegenspieler des Insulins  
*f* glucagon *m* comme antagoniste de l'insuline  
*p* glicagônio *m* como antagonista da insulina
- 2868 glucagon is a polypeptidic pancreas hormone**  
(Horm.)  
(See also entry: glucagon.)  
*d* Glucagon *n* ist ein polypeptidisches Bauchspeicheldrüsenhormon; Glucagon *n* ist ein polypeptidisches Pankreashormon

- f* glucagon *m* est une hormone polypeptidique pancréatique
- p* glicagônio *m* é um hormônio polipeptídico pancreático
- 2869 glucagon is secreted in case of hypoglyc[a]emia**  
(Horm.)  
(See entry: glucagon. Hypoglycaemia: glucose deficiency in the blood.)
- d* Glucagon *n* wird abgesehen im Falle von Hypoglykämie
- f* glucagon *m* est sécrété en cas de l'hypoglycémie
- p* glicagônio *m* é secretado em caso de hipoglicemia
- 2870 glucagon promotes blood sugar increase by glycogen breakdown in the liver**  
(Horm.)  
(In hormone biochemistry; hormone physiology.)
- d* Glucagon *n* fördert die Erhöhung des Blutzuckerhaushalts durch Glykogen-Zersetzung in der Leber
- f* glucagon *m* stimule l'élévation de la glycémie par la décomposition du glycogène dans la foie
- p* glicagônio *m* promove o aumento da glicemia pela decomposição do glicogênio no fígado
- 2871 glucocorticoid belonging to the group of corticoids**  
(Horm.)  
(Hormone biochemistry; e.g. hydrocortisones.)
- d* Glucocorticoide *n* gehört zu der Gruppe der Kortikoide
- f* glucocorticoïde *m* appartient au groupe des corticoïdes
- p* glicocorticoïde *m* pertence ao grupo dos corticoïdes
- 2872 glucocorticoid is an antiallergic hormone**  
(Horm.)  
(E.g. used in allergy treatment.)
- d* Glucocorticoide *n* ist ein antiallergisches Hormon
- f* glucocorticoïde *m* est une hormone antiallergique
- p* glicocorticoïde *m* é um hormônio antialérgico
- 2873 glucocorticoid is an anti-inflammatory hormone**  
(Horm.)  
(Hormone physiology: hormone as a medicament.)
- d* Glucocorticoide *n* ist ein antiinflammatorisches Hormon; Glucocorticoide *n* ist ein entzündungshemmendes Hormon
- f* glucocorticoïde *m* est une hormone antiinflammatoire
- p* glicocorticoïde *m* é um hormônio antiinflamatório
- 2874 glucocorticoid is an immuno-suppressive hormone**  
(Horm.)  
(Hormone biochemistry; hormone physiology: hormone as a medicament.)
- d* Glucocorticoide *n* ist ein immunsuppressives Hormon
- f* glucocorticoïde *m* est une hormone immunosuppressive
- p* glicocorticoïde *m* é um hormônio imunossupressivo
- 2875 glucocorticoids**  
(Horm.)  
(A hormone, e.g. related to carbohydrate metabolism.)
- d* Glucocorticoïde *npl*
- f* glucocorticoïdes *mpl*
- p* glicocorticoïdes *mpl*
- 2876 glucocorticoids are involved in the metabolism of carbohydrates, fat and proteins**  
(Horm.)  
(Hormone physiology.)
- d* Glucocorticoide *npl* nehmen am Stoffwechsel der Kohlenhydrate, der Fette und der Proteine teil
- f* glucocorticoïdes *mpl* participent au métabolisme des glucides, des graisses et des protéines
- p* glicocorticoïdes *mpl* participam do metabolismo dos carboidratos, das gorduras e das proteínas
- 2877 glucocorticoids are used as a medicament in certain cases of arthritis**  
(Horm.)  
(Hormone biochemistry; hormone physiology: hormone as a medicament.)
- d* Glucocorticoide *npl* werden in gewissen Fällen von Arthritis als Arzneimittel eingesetzt
- f* glucocorticoïdes *mpl* sont appliquées comme des médicaments en certain cas d'arthrite
- p* glicocorticoïdes *mpl* são usados como medicamento em certos casos de artrite
- 2878 gluconeogenesis**  
(Enz.)  
(Glucose synthesizing from non-carbohydrate substances in biotechnology.)

- d* Gluconeogenese *f*; Glykolyseumkehrung *f*  
*f* gluconéogenèse *f*  
*p* gliconeogênese *f*
- 2879 glucoplastic amino acids**  
 (Enz.)  
 (Originating glucose in the liver, e.g. arginine, C<sub>6</sub>H<sub>14</sub>N<sub>4</sub>O<sub>2</sub>.)  
*d* glucoplastische Aminosäuren *fpl*  
*f* aminoacides *mpl* glucoplastiques  
*p* aminoácidos *mpl* glucoplásticos
- 2880 glucose**  
 (Prod.)  
 (C<sub>6</sub>H<sub>12</sub>O<sub>6</sub>; dextrose; auxiliary product in pharmaceutical processes/ production.)  
*d* Glukose *f*; Glykose *f*  
*f* glucose *m*  
*p* glicose *f*
- 2881 glucose-1-phosphate**  
 (Horm.)  
 (C<sub>6</sub>H<sub>12</sub>O<sub>9</sub>P; glucose is phosphorylated before utilization by cellular enzymes.)  
*d* Glykose-1-phosphat *n*  
*f* glucose-1-phosphate *m*  
*p* glicose-1-fosfato *m*
- 2882 glucose absorbed in blood circulation**  
 (Pharm.)  
 (Ref. to the use/effect of medicaments for the reduction of blood sugar level.)  
*d* Glykose *f* im Blutkreislauf absorbiert  
*f* glucose *m* absorbé dans la circulation du sang  
*p* glicose *f* absorvida na corrente sanguínea
- 2883 glucose dehydrogenase**  
 (Enz.)  
 (Glucose, C<sub>6</sub>H<sub>12</sub>O<sub>6</sub>; energy source; dehydrogenase: oxidoreductase; an enzyme catalysing oxidation-reduction reactions in the human body.)  
*d* Glukosedehydrogenase *f*;  
 Glykose-Dehydrase *f*  
*f* déshydrogénase *f* de glucose; déhydrase *f* de glucose  
*p* deshidrogenase *f* de glicose
- 2884 glucose pyruvate**  
 (Enz.)  
 (Enzymology; ref. to acetyl coA-origin.)  
*d* Glukose-Pyruvat *n*  
*f* pyruvate *m* glucidique  
*p* glicose-piruvato *m*; piruvato *m* dos carboidratos
- 2885 glucosidase**  
 (Enz.)  
 (Pharmaceutical chemistry; glucoside-hydrolyzing enzyme.)  
*d* Glucosidase *f*  
*f* glucosidase *f*  
*p* glicosidase *f*
- 2886 glucoside; glycoside**  
 (Prod.)  
 (Pharmaceutical chemistry; glucose (sugar) derivative containing a nonsugar group bonded to an oxygen or nitrogen atom, yielding glucose on hydrolysis.)  
*d* Glucosid *n*  
*f* glucoside *m*  
*p* glicosido *m*
- 2887 glucuronic acid**  
 (Vit.)  
 (C<sub>6</sub>H<sub>10</sub>O<sub>7</sub>; on the base of vitamin B<sub>15</sub> synthesis: pangamic acid as a sec.-amino derivative of glucuronic acid.)  
*d* Glucuronsäure *f*  
*f* acide *m* glucuronique  
*p* ácido *m* glicurônico
- 2888 glutamate**  
 (Enz.)  
 (Enzymology; C<sub>5</sub>H<sub>8</sub>NNaO<sub>4</sub>; produced by hydrolysis of vegetable proteins.)  
*d* Glutamat *n*  
*f* glutamate *m*  
*p* glutamato *m*
- 2889 glutamate oxalacetic acid transaminase**  
 (Vit.)  
 (Vitamin/enzyme biochemistry.)  
*d* Glutamat-Oxalessigsäure-Transaminase *f*  
*f* transaminase *f* de glutamate et d'acide oxalacétique  
*p* transaminase *f* do glutamato e ácido oxalacético
- 2890 glutamate-pyruvic transaminase**  
 (Vit.)  
 (Vitamin/enzyme biochemistry.)  
*d* Glutamat-Pyruvat-Transaminase *f*  
*f* transaminase *f* glutamique-pyruvique  
*p* tansaminase *f* glutâmica-pirúvica
- 2891 glutamic acid**  
 (Vit.)  
 (C<sub>5</sub>H<sub>9</sub>NO<sub>4</sub>. Constituent of folic acid = pteroylglutamic acid = vit. Bc or vit. M.)  
*d* Glutaminsäure *f*  
*f* acide *m* glutamique  
*p* ácido *m* glutâmico

- 2892 glutamic acid dehydrogenase**  
(Enz.)  
(Glutamic acid:  $C_5H_9NO_4$ ; constituent of folic acid = pteroylglutamic acid, = vit. Bc or vit. M. Dehydrogenase: oxidoreductase; an enzyme catalysing oxidation-reduction reactions in the human body.)  
*d* Glutaminsäure-Dehydrogenase *f*;  
Glutaminsäure-Dehydrase *f*  
*f* déshydrogénase *f* d'acide glutamique;  
déhydrase *f* d'acide glutamique  
*p* deshidrogenase *f* do ácido glutâmico
- 2893 glutamine**  
(Enz.)  
(Enzymology;  $C_5H_{10}N_2O_3$ ; amino acid, e.g. found in proteins.)  
*d* Glutamin *n*  
*f* glutamine *f*  
*p* glutamina *f*
- 2894 glutathione**  
(Enz.)  
( $C_{10}H_{17}N_3O_6S$ ; tripeptide; a coenzyme; important in the oxydation-reduction processes.)  
*d* Glutathion *n*  
*f* glutathion *m*  
*p* glutationa *f*
- 2895 glutelin**  
(Enz.)  
(Enzymology; classification (solubility) criterion: water-insolubility. A group of simple proteins (ex.: wheat glutenin).)  
*d* Glutelin *n*  
*f* glutéline *f*  
*p* glutelina *f*
- 2896 glyc[a]emia; blood sugar level**  
(Horm.)  
(Blood sugar level, regulated by the hormones: insulin and glucagon.)  
*d* Glykämie *f*; Blutzuckerspiegel *m*  
*f* glycémie *f*; taux *m* de la glycémie  
*p* glicemia *f*
- 2897 glyc[a]emia control**  
(Horm.)  
(Ref. to the opposite activity of glucagon and insulin in the control of glyc[a]emia.)  
*d* Glykämiekontrolle *f*; Kontrolle *f* des Blutzuckerspiegels  
*f* contrôle *m* de la glycémie  
*p* controle *m* da glicemia
- 2898 glyceric form of starch**  
(Prod.)  
(See also entry: dermatological glyceric forms; this entry refers to a wheat starch gel, contained in glycerin; a dermatological form.)  
*d* glycerinhaltige Stärkeform *f*  
*f* forme *f* glycére d'amidon  
*p* forma *f* de glicerina amidoada
- 2899 glyceride**  
(Vit.)  
(Vitamin technology; fatty acid ester of glycerol; auxiliary in vitamin preparations.)  
*d* Glycerid *n*; Glyzerid *n*  
*f* glycérine *m*  
*p* glicérido *m*
- \* glycerin → 2901
- 2900 glycerinated gelatin[e]**  
(Prod.)  
(Pharmaceutical technology; e.g. for the elaboration of medicamentous capsules; see entry: medicamentous capsule.)  
*d* glyzerinbehandelte Gelatine *f*; glyzerinierte Gelatine *f*  
*f* gélatine *f* glycérinée  
*p* gelatina *f* glicerinada
- 2901 glycerol; glycerin**  
(Prod.)  
( $C_3H_8O_3$ ; 1,2,3-propanetriol; auxiliary in pharmaceutical processes/production; e.g. a sweetening agent; solvent.)  
*d* Glycerin *n*  
*f* glycéról *m*; glycérine *f*  
*p* glicerol *m*; glicerina *f*
- \* glycine → 336
- \* glycooll → 336
- 2902 glycooll as buffer agent**  
(Prod.)  
(Pharmaceutical technology: aminoacetic acid; glycine (see entry); to avoid hydrolysis of the active principle.)  
*d* Glykol *n* als Puffer-Substanz  
*f* glycolle *m* comme substance tampon  
*p* glicocola *f* como substância tampão
- 2903 glycogen**  
(Med.)  
( $(C_6H_{10}O_5)_n$ ; animal – liver starch; intracellular carbohydrate (glucose)-reserve; a polysaccharide of glucose parts.)  
*d* Glykogen *n*  
*f* glycogène *m*  
*p* glicogênio *m*

- 2904 glycogen biosynthesis**  
(Horm.)  
(Inversion of phosphorylation; ref. to the opposite activity of glucagon and insulin in the control of glyc[a]emia.)  
*d* Glykogen-Biosynthese *f*  
*f* biosynthèse *f* de glycogène  
*p* biosíntese *f* do glicogênio
- 2905 glycogenesis**  
(Enz.)  
(Biotechnology; process of glucose-conversion into glycogen (C<sub>6</sub>H<sub>10</sub>O<sub>5</sub>)<sub>x</sub>, form of carbohydrate storage in the liver etc.)  
*d* Glykogenese *f*; Glykogenaufbau *m*  
*f* glycogénèse *f*  
*p* glicogênese *f*; glicogenia *f*
- 2906 glycogenolysis**  
(Horm.)  
(Ref. to the opposite activity of glucagon and insulin in the control of glyc[a]emia.)  
*d* Glykogenolyse *f*; Glykogenabbau *m*  
*f* glycogénolyse *f*  
*p* glicogeniólise *f*
- 2907 glycogen synthesis**  
(Horm.)  
(Ref. to the opposite activity of glucagon and insulin in the control of glyc[a]emia.)  
*d* Glykogensynthese *f*  
*f* synthèse *f* du glycogène  
*p* síntese *f* do glicogênio
- 2908 glycolysis**  
(Enz.)  
(Ref. to Krebs-cycle: glycolysis decomposition by enzyme-catalyzed process.)  
*d* Glykolyse *f*  
*f* glycolyse *f*  
*p* glicólise *f*
- 2909 glycolysis function disturbance**  
(Vit.)  
(Deficiency of vitamin B<sub>3</sub>.)  
*d* Störung *f* der Glykolysefunktion  
*f* perturbation *f* de la fonction glycolytique  
*p* perturbação *f* da função glicolítica
- 2910 glycolytic enzymes**  
(Enz.)  
(Enzymology.)  
*d* zuckerspaltende Enzyme *npl*  
*f* enzymes *mpl* glycolytiques  
*p* enzimas *fpl* glicolíticas
- 2911 glycopeptide**  
(Ant.)  
(Conjugated protein: see entry; the nonprotein group is a carbohydrate; medicamentous molecule in antibiotic synthesis.)  
*d* Glucopeptid *n*  
*f* glycopeptide *f*  
*p* glicopeptídeo *m*
- 2912 glycoproteic hormone**  
(Horm.)  
(Placenta-hormone secreted during gestation.)  
*d* Glucoproteinhormon *n*  
*f* hormone *f* glycoprotéique  
*p* hormônio *m* glicoprotéico
- 2913 glycoproteic subunits**  
(Horm.)  
(Ref. here to hormone structures.)  
*d* Glucoprotein-Untereinheiten *fpl*  
*f* sous-unités *fpl* glycoprotéiques  
*p* sub-unidades *fpl* glicoprotéicas
- 2914 glycoprotein**  
(Enz.)  
(Compound of proteins with carbohydrates, e.g. certain hormones and enzymes.)  
*d* Glykoprotein *n*  
*f* glycoprotéine *f*  
*p* glicoproteína *f*
- 2915 glycoprotein: an insulin receptor**  
(Horm.)  
(Hormone biochemistry; hormone physiology.)  
*d* Glucoprotein *n*: ein Insulinrezeptor  
*f* glycoprotéine *f*: un récepteur de l'insuline  
*p* glicoproteína *f*: um receptor de insulina
- 2916 glycoprotein avidin – a biotin antagonist**  
(Enz.)  
(Enzymology; this natural white egg protein binds biotin, turning it inactive.)  
*d* Glucoprotein *n* Avidin – ein Biotin-Antagonist  
*f* glycoprotéine *f* avidine – un antagoniste de la biotine  
*p* glicoproteína *f* avidina – um antagonista da biotina
- 2917 glucose bridge; carbohydrate bridge**  
(Vit.)  
(Vitamin biochemistry; joining molecular compounds.)  
*d* Glykosebrücke *f*; Kohlenhydratbrücke *f*  
*f* pont *m* glucidique; pont *m* de hydrates de carbone  
*p* ponte *f* de glicose; ponte *f* de carboidratos
- \* **glycoside** → 2886

- \* **glycyrrhiza tincture** → 3839
- \* **goiter** → 2918
- 2918 goitre; goiter**  
(Med.)  
(Thyroid gland enlargement: e.g. due to lack of iodine, necessary for thyroid hormone production.)  
*d* Kropf *m*  
*f* goitre *m*  
*p* bócio *m*
- \* **Golgi apparatus** → 2919
- 2919 Golgi body; Golgi apparatus**  
(Cyt.)  
(Dictyosome, ref. to storage and transport of proteins; (as to C. Golgi, 1844-1926, Italian histologist); situated within the smooth endoplasmic reticulum.)  
*d* Golgi-Körper *m/impl*  
*f* complexe *m* de Golgi; structure *f* cellulaire de Golgi  
*p* complexo *m* de Golgi
- 2920 gonad**  
(Anat.)  
(Reproductive – gametes producing male or female gland: ovary/testis; female gamete: ovum. See entry: testis; testes (*pl*).)  
*d* Gonade *f*; Keimdrüse *f*  
*f* gonade *f*  
*p* gônada *f*
- 2921 gonadal feedback**  
(Horm.)  
(Feedback process via hypothalamus.)  
*d* Keimdrüsenrückkopplung *f*  
*f* rétroaction *f* gonadique  
*p* retroação *f* das gônadas
- \* **gonadal hormones** → 3212
- 2922 gonadoliberin**  
(Horm.)  
(GnRH; see entry: gonadotrop[h]in releasing hormone.)  
*d* Gonadorelin *n*; Freisetzerhormon *n*  
*f* gonadolibérine *f*  
*p* gonadoliberina *f*
- \* **gonadotrop[h]ic hormone** → 3888
- 2923 gonadotrop[h]in releasing hormone**  
(Horm.)  
(GnRH; gonadotr[h]opic: gonads (male or female reproductive organ)-stimulating.  
Gonadotrop[h]in: a gonadotrop[h]ic hormone.)  
*d* Gonadorelin *n*; Gonadotropin *n* freisetzendes Hormon; Freisetzerhormon *n*  
*f* gonadolibérine *f*; hormone *f* de libération de la gonadotrop[h]ine  
*p* hormônio *m* de liberação da gonadotropina
- 2924 gonadotrop[h]ins**  
(Horm.)  
(Gonadotrop[h]ic hormones; pituitary gland hormones; gonads-stimulating hormones.)  
*d* Gonadotropine *npl*  
*f* gonadotrop[h]ines *fpl*  
*p* gonadotropinas *fpl*; gonadotrofinas *fpl*
- \* **gonadotrop[h]in secretion of the hypophysis** → 2925
- 2925 gonadotrop[h]in secretion of the pituitary gland; gonadotrop[h]in secretion of the hypophysis**  
(Horm.)  
(Ref. to gonadotrop[h]ic hormones; production of pituitary gland (hypophyseal) hormones; gonads-stimulating hormones.)  
*d* Gonadotropin-Sekretion *f* der Hypophyse; Gonadotropin-Absonderung *f* durch die Hirnanhangdrüse  
*f* sécrétion *f* des gonadotrop[h]ines de l'hypophyse; sécrétion *f* des gonadotrop[h]ines par l'hypophyse  
*p* secreção *f* das gonadotropinas da hipófise; secreção *f* das gonadotrofinas pela hipófise
- 2926 good, satisfactory, insufficient vitamin stability**  
(Vit.)  
(Vitamin technology; ref. to product quality.)  
*d* gute, ausreichende, ungenügende Vitaminstabilität *f*  
*f* stabilité *f* vitaminique bonne, satisfaisante, insuffisante  
*p* estabilidade *f* boa, satisfatória, insuficiente das vitaminas
- 2927 gout**  
(Med.)  
(Uric acid metabolism disease. Treatment with colchicine, from meadow saffron.)  
*d* Gicht *f*  
*f* goutte *f*  
*p* gota *f*
- 2928 graded test tube**  
(Prod.)  
(Pharmaceutical processes; ref. to research operations, sampling processes etc.)

- d* graduiertes Reagenzglas *n*; gradweise abgestuftes Reagenzglas *n*  
*f* éprouvette *f* graduée  
*p* proveta *f* graduada
- 2929 grade of microbiological purity**  
 (Prod.)  
 (Pharmaceutical technology; ref. to pharmaceutical products.)  
*d* Grad *m* mikrobiologischer Reinheit  
*f* degré *m* de la pureté microbiologique  
*p* grau *m* da pureza microbiológica
- 2930 gradual development of bacterial resistance against antibiotics**  
 (Ant.)  
 (E.g. in the case of chloramphenicol drugs.)  
*d* schrittweise Resistenzentwicklung *f* der Bakterien gegen Antibiotika  
*f* développement *m* graduel de la résistance bactérienne aux antibiotiques  
*p* desenvolvimento gradual da resistência bacteriana aos antibióticos
- 2931 gradual liberation of the active principle**  
 (Prod.)  
 (e.g. ref. to medicaments: progressive liberation of the additive substance.)  
*d* graduelle Freigabe *f* des Wirkstoffes  
*f* libération *f* graduelle du principe actif  
*p* liberação *f* gradual do princípio ativo
- 2932 gradual liberation of the active vitamin principle**  
 (Vit.)  
 (Vitamin technology; ref. to vitamin medicaments: progressive vitamin liberation.)  
*d* graduelle Freigabe *f* des Vitamin-Wirkstoffes  
*f* libération *f* graduelle du principe actif vitaminique  
*p* liberação *f* gradual do princípio ativo vitamínico
- 2933 gradual liberation of the vitamin by the capsule**  
 (Vit.)  
 (Vitamin technology.)  
*d* graduelle Freigabe *f* des Vitamins durch die Kapsel  
*f* libération *f* graduelle de la vitamine par la capsule  
*p* liberação *f* gradual da vitamina pela cápsula
- 2934 gradual *adj* process; process step-by-step**  
*adv* (*adv*: step-by-step; by degrees)  
 (Prod.)  
 (Pharmaceutical chemistry; determination of terms expressing the process of gradualness using adjectives and adverbs.)  
*d* schrittweiser Prozess *m*; stufenweiser Prozess *m* (*adv*: schrittweise; stufenweise)  
*f* processus *m* progressif; processus *m* graduel; processus *m* pas à pas (*adv*: graduellement)  
*p* processo *m* gradual; processo *m* progressivo; processo *m* passo a passo (*adv*: gradualmente)
- 2935 graduate *v***  
 (Prod.)  
 (Pharmaceutical chemistry; determination of terms: to mark (a glass) with lines for measurement, indicating degrees; to divide into degrees etc.)  
*d* gradieren; in Grade einteilen  
*f* graduer  
*p* graduar
- 2936 grain growth by swelling**  
 (Prod.)  
 (Pharmaceutical chemistry/processes.)  
*d* Korngrößenwachstum *n* durch Anschwellung  
*f* croissance *f* des grains par gonflement; grossissement *m* des grains par gonflement  
*p* crescimento *m* dos grânulos por inchação; crescimento *m* dos grânulos por inchamento
- 2937 gram-atom**  
 (Mol.)  
 (Gram-atomic weight; relative atomic weight; ref. to the mass of one mole of an element equal in grams to the atomic weight.)  
*d* Grammatom *n*  
*f* atome-gramme *m*; mole *f* d'atome  
*p* átomo-grama *m*
- 2938 gram-equivalent**  
 (Mol.)  
 (Substance weight obtained by dividing the atomic weight of an element by its valency.)  
*d* Gramäquivalent *n*  
*f* équivalent-gramme *m*; valence-gramme *f*  
*p* equivalente-grama *m*
- 2939 gram-molecule**  
 (Mol.)  
 (Mass of a chemical compound in gram and its relation to its relative molecular mass, e.g.: 1 gram molecule of potassium chloride [KCL] = 74,6 g KCL, considering a relative atomic mass of 39,1 for K and 35,5 for CL.)  
*d* Grammolekül *n*  
*f* mole *f* d'atomes  
*p* molécula-grama *f*



- 2940 gram-positive bacterium – gram-negative bacterium**  
(Med.)  
(Ref. to Gram's (Danish pathologist Hans C. J. Gram 1853-1938) stain; posit.: fixing the dye; neg.: not fixing the dye.)
- d* grampositive Bakterie *f* – gramnegative Bakterie *f*
- f* bactérie *f* Gram-positive – bactérie *f* Gram-négative
- p* bacteria *f* gram-positiva – bacteria *f* gram-negativa
- 2941 granular** *adj*  
(Prod.)  
(Pharmaceutical technology; product aspect; product characteristic.)
- d* körnig; granulös
- f* granuleux; granulaire
- p* granuloso
- 2942 granularity of a pharmaceutical product**  
(Prod.)  
(Pharmaceutical technology; ref. to product aspect; product characteristic.)
- d* Körnigkeit *f* eines pharmazeutischen Produktes
- f* granularité *f* d'un produit pharmaceutique; nature *f* granulée d'un produit pharmaceutique
- p* granularidade *f* de um produto farmacêutico
- 2943 granular powder**  
(Prod.)  
(Pharmaceutical technology; product type.)
- d* granulöses Pulver *n*
- f* poudre *f* granulaire
- p* pó *m* granuloso
- 2944 granulated material**  
(Prod.)  
(Pharmaceutical technology, tableting material.)
- d* granuliertes Material *n*
- f* matière *f* granulée
- p* material *m* granulado
- 2945 granulated saccharose products**  
(Prod.)  
(Pharmaceutical technology; solid pharmaceutical preparations.)
- d* granuliert Saccharoseprodukte *npl*
- f* saccharures *mpl* granulés
- p* produtos *mpl* de sacarose granulada
- 2946 granulates destined for layer forming**  
(Prod.)  
(Pharmaceutical processes; tableting; coating of tablets.)
- d* zur Schichtbildung bestimmte Granulate *npl*
- f* granulés *mpl* destinés à former des couches
- p* granulados *mpl* destinados a formar camadas
- 2947 granulate v the vitamin mixture**  
(Vit.)  
(Vitamin technology; vitamin processing.)
- d* Vitaminmischung granulieren
- f* granuler le mélange vitaminique
- p* granular a mistura de vitaminas
- \* **granulating aid in vitamin tablets** → 2948
- 2948 granulating auxiliary in vitamin tablets; granulating aid in vitamin tablets**  
(Vit.)  
(Vitamin technology; in tableting mixtures, tableting processes.)
- d* Granulierhilfsmittel *n* in Vitamintabletten
- f* auxiliaire *m* de granulation dans des comprimés vitaminiques
- p* auxiliar *m* de granulação nos comprimidos de vitaminas
- 2949 granulating mixture**  
(Vit.)  
(Vitamin technology, ref. to granulation processes for the elaboration of vitamin preparations.)
- d* Granulermischung *f*
- f* mélange *m* à granuler
- p* mistura *f* para granulação
- 2950 granulating solution**  
(Prod.)  
(Pharmaceutical technology: ref. to tablet-production method, tableting process.)
- d* Granulierungslösung *f*
- f* solution *f* de granulation
- p* solução *f* de granulação
- 2951 granulation**  
(Vit.)  
(Vitamin technology, treatment process in tableting; ref. to vitamin-products.)
- d* Granulation *f*; Granulierung *f*
- f* granulation *f*
- p* granulação *f*
- 2952 granulation for texture modification of compression powders**  
(Prod.)  
(Pharmaceutical processes: ref. to tablet-production, preliminary operations – the granulation operations.)
- d* Granulierung *f* zur Texturveränderung von Kompressionspulvern

- f* granulation *f* pour la modification de la texture des poudres à compression
- p* granulação *f* para a modificação da textura dos pós para compressão
- 2953 granulation liquid**  
(Prod.)  
(Auxiliary (water) in pharmaceutical technology: ref. to tablet-production method, tableting process.)
- d* Granulierungsflüssigkeit *f*
- f* liquide *m* de granulation
- p* líquido *m* de granulação
- 2954 granulation of tableting mixture with addition of a binder solution**  
(Prod.)  
(Pharmaceutical technology: ref. to tablet-production auxiliaries and to production methods.)
- d* Granulierung *f* der Tablettierungsmischung unter Zusatz einer Bindemittellösung
- f* granulation *f* d'un mélange pour la compression des comprimés par addition d'un liant en solution
- p* granulação *f* de uma mistura para compressão de comprimidos sob a adição de uma solução ligante
- 2955 granulation of the active substance**  
(Prod.)  
(Pharmaceutical technology; ref. to tableting processes.)
- d* Granulierung *f* des Wirkstoffes
- f* granulation *f* du principe actif
- p* granulação *f* do princípio ativo
- 2956 granulation of the powder cake**  
(Prod.)  
(Pharmaceutical processes: ref. to tablet-production, preliminary operations.)
- d* Granulierung *f* des Pulverkuchens
- f* granulation *f* du gâteau de poudre
- p* granulação *f* do bolo de pó
- 2957 granulation of vitamins**  
(Vit.)  
(Vitamin technology; e.g. for tableting.)
- d* Vitamin-Granulierung *f*
- f* granulation *f* des vitamines
- p* granulação *f* das vitaminas
- 2958 granulation on the fluidized bed granulator**  
(Prod.)  
(Pharmaceutical technology: ref. to tableting via direct compression.)
- d* Granulierung *f* mit dem Wirbelbettgranulator
- f* granulation *f* sur le granulateur à lit fluidisé
- p* granulação *f* no granulador de leite fluidizado
- 2959 granulation operation as a step in the production of tablets**  
(Prod.)  
(Pharmaceutical processes; ref. to tableting.)
- d* Granulierungsverfahren *n* als eine Etappe in der Tablettenproduktion
- f* opération *f* de granulation comme une étape dans la production de comprimés
- p* operação *f* de granulação como uma etapa na produção de comprimidos
- 2960 granulation techniques**  
(Prod.)  
(Pharmaceutical technology: e.g. ref. to tableting processes.)
- d* Granulationsmethoden *fpl*
- f* techniques *fpl* de granulation
- p* técnicas *fpl* de granulação
- 2961 granules for filling hard gelatin[e] capsules**  
(Prod.)  
(Pharmaceutical technology; production process.)
- d* Granulat *npl* zur Füllung von Hartgelatinecapseln
- f* granules *mpl* pour le remplissage de capsules de gélatine dure
- p* grânulos *mpl* para enchimento de cápsulas de gelatina dura
- \* **graph** → 1887
- 2962 grated cacao butter; grated cocoa butter**  
(Prod.)  
(Pharmaceutical technology; auxiliary product preparation.)
- d* geriebene Kakaobutter *f*
- f* beurre *m* de cacao râpé
- p* manteiga *f* de cacau ralada
- \* **grated cocoa butter** → 2962
- 2963 gravimetric analysis**  
(Prod.)  
(Pharmaceutical processes; ref. to quantitative analysis in chemistry.)
- d* gravimetrische Bestimmung *f*
- f* analyse *f* gravimétrique
- p* análise *f* gravimétrica
- 2964 gravitation**  
(Prod.)  
(Pharmaceutical technology; ref. to the force by acceleration of bodies toward each other, i.e. the attraction which two bodies have one on top of the other.)

- d* Gravitation *f*; Massenanziehung *f*  
*f* gravitation *f*  
*p* gravitação *f*
- 2965 gravitational force**  
 (Prod.)  
 (Pharmaceutical technology; see entry: gravitation; ref. to the force by acceleration of bodies toward each other, i.e. the attraction which two bodies have one on top of the other; ref. to Newtonian mechanics.)  
*d* Massenanziehungskraft *f*  
*f* force *f* de gravité  
*p* força *f* de gravidade
- 2966 gravity**  
 (Prod.)  
 (Pharmaceutical technology; ref. to gravitational attraction in the Universe (e.g. of the mass of the earth) etc., physical force responsible for interactions because of mass between particles etc.)  
*d* Schwerkraft *f*; Gewichtskraft *f*  
*f* gravité *f*  
*p* gravidade *f*
- 2967 great molecular mass reduces the velocity of resorption**  
 (Mol.)  
 (Ref. to pharmacodynamic characteristics of medicamentous substances depending on their physico-chemical constitution.)  
*d* große Molekülmasse *f* vermindert die Aufnahmegeschwindigkeit  
*f* grande masse *f* moléculaire réduit la vélocité de la résorption  
*p* grande massa *f* molecular reduz a velocidade de resorção
- 2968 ground saccharose; ground sugar**  
 (Prod.)  
 (C<sub>12</sub>H<sub>22</sub>O<sub>11</sub>; sucrose, sugar; raw material in the fermentation-based production of alcohol.)  
*d* gemahlene Saccharose *f*; gemahlener Zucker *m*  
*f* saccharose *m* moulu; sucre *m* moulu  
*p* sacarose *f* moída; açúcar *m* moído
- 2969 ground state**  
 (Mol.)  
 (Ref. to the energy value of electrons in the electron shells of the atom.)  
*d* Grundzustand *m*  
*f* état *m* énergétique normal  
*p* estado *m* energético normal
- \* **ground sugar** → 2968
- 2970 group**  
 (Mol.)  
 (Ref. either to various joined, or to one single atom being a part of a molecule.)  
*d* Gruppe *f*  
*f* groupe *m*  
*p* grupo *m*
- 2971 grouping**  
 (Mol.)  
 (Association of atoms within a molecule, giving it the properties of a function.)  
*d* Gruppierung *f*  
*f* groupement *m*  
*p* agrupamento *m*
- 2972 growing molecular chain; increasing molecular chain**  
 (Enz.)  
 (Enzymology.)  
*d* im Wachstum befindliche Molekularkette *f*  
*f* chaîne *f* moléculaire en croissance  
*p* cadeia *f* molecular em crescimento
- 2973 growth factor**  
 (Vit.)  
 (E.g. vitamin B<sub>12</sub>, a messenger substance, transported through the blood circulation, stimulating the multiplication of their target cells.)  
*d* Wachstumsfaktor *m*  
*f* facteur *m* de croissance  
*p* fator *m* de crescimento
- 2974 growth hormone**  
 (Horm.)  
 ((GH); somatotrop[h]in, somatotropic hormone (STH) of the pituitary gland (of the hypophysis).)  
*d* Wachstumshormon *n*  
*f* hormone *f* de croissance  
*p* hormônio *m* de crescimento
- 2975 growth hormone elaborated by biotechnological procedures**  
 (Enz.)  
 (Biotechnology in the production of medicaments (hormones).)  
*d* Wachstumshormon *n* durch biotechnologische Verfahren hergestellt  
*f* hormone *f* de croissance élaborée par des procédés de la biotechnologie  
*p* hormônio *m* do crescimento elaborado por procedimentos biotecnológicos
- 2976 growth hormone is a protein-corporus**  
 (Horm.)  
 (Ref. to the chemical origin of hormones.)

- d* Wachstum-Hormon *n* ist ein Eiweißkörper  
*f* hormone *f* de croissance est un corps protéique  
*p* hormônio *m* de crescimento é um corpo protéico
- 2977 growth inhibition of the fungi**  
 (Med.)  
 (Action of e.g. antimycotic drugs.)  
*d* Wachstumshemmung *f* der Pilze  
*f* inhibition *f* de la croissance des champignons  
*p* inibição *f* do crescimento dos fungos
- 2978 growth reaction of microorganisms**  
 (Enz.)  
 (Biotechnology; ref. to microbial cultures in research and production processes.)  
*d* Wachstumsreaktion *f* der Mikroorganismen  
*f* réaction *f* de croissance des micro-organismes  
*p* reação *f* de crescimento dos microorganismos
- 2979 guaiacol**  
 (Prod.)  
 (Pharmaceutical chemistry; C<sub>7</sub>H<sub>8</sub>O<sub>2</sub>; antiseptic.)  
*d* Guajakol *m*  
*f* guaiaacol *m*  
*p* guaiacol *m*; gaiacol *m*
- 2980 guanine**  
 (Cyt.)  
 (C<sub>5</sub>H<sub>5</sub>N<sub>5</sub>O; purine base, one of the bases of the genetic codes, e.g. present in RNA and pairing with DNA-cytosine (C<sub>4</sub>H<sub>5</sub>N<sub>3</sub>O).)  
*d* Guanin *n*  
*f* guanine *f*  
*p* guanina *f*
- 2981 guanosine triphosphate**  
 (Vit.)  
 (GTP; energy-rich nucleotide; in protein synthesis: formation of peptide bonds (Guanosine: C<sub>10</sub>H<sub>13</sub>N<sub>5</sub>O<sub>5</sub>).)  
*d* Guanodin-Triphosphat *n*  
*f* guanosine-triphosphate *f*  
*p* trifosfato *m* de guanosina
- 2982 guarantee analysis**  
 (Prod.)  
 (Pharmaceutical technology, made to warrant the purity of ingredients, e.g. of vitamins.)  
*d* Garantie-Analyse *f*  
*f* analyse *f* de garantie  
*p* análise *f* de garantia
- 2983 guar gum**  
 (Prod.)  
 (Pharmaceutical technology; Guar flour from "Cyamopsis tetragonolobus (L.) Taub., Leguminosae". Gelling/thickening agent in pharmaceutical formulations, also: binding- and disintegrating auxiliary in tablet formulations.)  
*d* Guar-Gummi *n*  
*f* gomme *f* guar  
*p* goma *f* guar
- 2984 gum**  
 (Prod.)  
 (Pharmaceutical chemistry; polysaccharide plant substance: protective colloid; thickener, emulsifier.)  
*d* Gummi *n*  
*f* gomme *f*  
*p* goma *f*
- \* **gum arabic** → 19
- \* **gum acacia as a pharmaceutical excipient**  
 → 2985
- 2985 gum arabic as a pharmaceutical excipient; gum acacia as a pharmaceutical excipient**  
 (Prod.)  
 (Pharmaceutical technology; acacia senegal-gum; water-soluble; also, a thickener; a pharmaceutical auxiliary.)  
*d* arabisches Gummi *n* als pharmazeutische Trägersubstanz; Gummi Arabikum *n* als pharmazeutische Trägersubstanz  
*f* gomme *f* arabique comme excipient pharmaceutique  
*p* goma *f* arábica como excipiente farmacêutico
- 2986 gum tragacanth; tragacanth**  
 (Prod.)  
 (Pharmaceutical technology; Astragalus gummifer Labill., exudation; gelling/thickening agent, excipient in tablet formulations; in emulsions; suspending auxiliary in insoluble powders.)  
*d* Tragantgummi *n*  
*f* gomme *f* adragante  
*p* goma *f* adraganta; alcatira *f*; tragacanto *m*; adraganta *m*
- 2987 gum tragacanth as an excipient; tragacanth as an excipient**  
 (Prod.)  
 (Pharmaceutical technology; genus Astragalus; Thickener and emulsifier; a pharmaceutical auxiliary.)  
*d* Tragantgummi *n* als Trägersubstanz  
*f* gomme *m* adragante comme excipient  
*p* goma como excipiente *f* adraganta; alcatira *f* como excipiente; tragacanto *m* como excipiente

**2988 gyn[a]ecologic[al] medicinal drug**

(Prod.)

(Ref. to gynaecology, study of diseases of the female reproductive system.)

*d* gynäkologisches Arzneimittel *n*;Frauenheilmittel *n**f* médicament *m* gynécologique*p* medicamento *m* ginecológico

## H

- 2989 h[a]ematomas of the capillary vessels as a consequence of vitamin C-hypovitaminosis** (Vit.)  
(Vitamin physiology; vitamin C hypovitaminosis; scurvy symptom.)  
*d* Blutergüsse *mpl* der Kapillargefäße als Folge von Vitamin-C-Hypovitaminose  
*f* hématomes *mpl* des vaisseaux capillaires en conséquence de la hypovitaminose de vitamine C  
*p* hematomas *mpl* dos vasos capilares como consequência de hipovitaminose da vitamina C
- 2990 h[a]ematopoiesis** (Med.)  
(Physiology: blood cell formation; ref. to folic acid activity.)  
*d* Blutbildung *f*  
*f* hématopoïèse *f*  
*p* hematopoeise *f*; hemocitopoeise *f*  
  
\* **haemorrhage of an ulcer** → 6559
- 2991 h[a]emostasis** (Vit.)  
(Vitamin physiology; ref. to the arrest of bleeding, e.g. by blood coagulation; influenced by certain vitamins, esp. the K group.)  
*d* Hämostase *f*; Blutstillung *f*  
*f* hémostase *f*  
*p* hemóstase *f*; hemostasia *f*
- 2992 h[a]emostatic; h[a]emostatic drug** (Prod.)  
(Ref. to haemostasis and a drug which stops bleeding.)  
*d* hämostatisches Mittel *n*; blutstillendes Mittel *n*  
*f* remède *m* hémostatique; hémostatique *m*  
*p* remédio *m* hemostático; hemostático *m*  
  
\* **h[a]emostatic drug** → 2992
- 2993 h[a]emostatic properties** (Phyto.)  
(Pharmaceutical chemistry; ref. to styptic characteristics of certain active principles: haemorrhage preventing. See also entry: phytomenadione – vitamin K1.)  
  
*d* blutstillende Eigenschaften *fpl*  
*f* propriétés *fpl* hémostatiques  
*p* propriedades *fpl* hemostáticas
- 2994 h[a]emostatique** (Prod.)  
(Pharmaceutical chemistry; ref. to haemostasis (see this entry) and to styptic (see this entry); haemorrhage preventing agent.)  
*d* Blutstillungsmittel *n*  
*f* hémostatique *m*  
*p* hemostático *m*
- 2995 h[a]emostatique adj** (Pharmaceutical chemistry; ref. to haemostasis (see this entry) and to styptic (see this entry); haemorrhage preventing agent.)  
*d* hämostatisch  
*f* hémostatique  
*p* hemostático
- 2996 hairline cracks; crazes; crazing** (Prod.)  
(Pharmaceutical technology: ref. to film coating (sugar coating) defects.)  
*d* Haarlinienriss *m*  
*f* trésaillure *m*; craquelure *f*  
*p* craquelê *m*
- 2997 half-life** (half-lives *pl*) (Prod.)  
(Pharmaceutical technology; time required for half of an active substance becoming disintegrated.)  
*d* Halbwertzeit *f* (Halbwertzeiten *fpl*)  
*f* demie-vie *f* (demi-vies *fpl*)  
*p* meia-vida *f* (meias-vidas *fpl*)
- 2998 half-life of drug elimination** (Pharm.)  
(Pharmacokinetics; period in which the blood level of a medicament loses half of its value of introduction.)  
*d* Halbwertzeit *f* der Medikamentausscheidung; Ausscheidungshalbwertzeit *f* eines Arzneimittels  
*f* période *f* de demi-valeur d'élimination du médicament  
*p* meia-vida *f* da eliminação do medicamento; tempo *m* de meia-vida de um medicamento
- 2999 half-life of elimination of a specific active principle** (Pharm.)  
(Pharmacokinetics; period of time for elimination of half of the administered quantity of the active principle compared its value of introduction and related to its activity within the organism.)

- d* Halbwertszeit *f* der Ausscheidung eines spezifischen Wirkstoffes  
*f* période *f* de demi-valeur de l'élimination d'un principe actif spécifique  
*p* período *m* de meia-vida de excreção de um princípio ativo específico
- 3000 halogen**  
 (Prod.)  
 (Pharmaceutical chemistry; ref. to elements in the periodic table, group VII A – fluorine (F) 9, chlorine (Cl) 17, bromine (Br) 36, iodine (I) 53, astatine (At) 85.)  
*d* Halogen *n*  
*f* halogène *m*  
*p* halogêneo *m*
- 3001 halogenated hydrocarbon**  
 (Prod.)  
 (Pharmaceutical chemistry; e.g. chlorinated hydrocarbon.)  
*d* Halogenkohlenwasserstoff *m*  
*f* hydrocarbure *m* halogéné  
*p* hidrocarboneto *m* halogenado
- 3002 halogens as a reactive group of nonmetallic elements; halogens as a reactive group of nonmetals**  
 (Prod.)  
 (Pharmaceutical chemistry; see entry: halogen.)  
*d* Halogene *npl* als reaktionsfähige Gruppe nichtmetallischer Elemente; Halogene *npl* als reaktionsfähige Gruppe von Nichtmetallen  
*f* halogène *m* comme groupe réactif des éléments non métalliques  
*p* halogêneos *npl* como grupo reativo de elementos não-metálicos; halogêneos *npl* como grupo reativo de não-metals
- \* **halogens as a reactive group of nonmetals**  
 → **3002**
- 3003 hamamelis; witch hazel**  
 (Phyto.)  
 ("Hamamelis virginiana L., Hamamelidaceae"; use: a vascular tonic, in epistaxis (nosebleed), phlebitis; ovary congestion.)  
*d* Hamamelis *f*; Zaubernuss *f*  
*f* hamamélis *f*  
*p* hamamélis *f*
- 3004 haploid adj**  
 (Cyt.)  
 (Also: monoploid; ref. to nuclei or cells having a single set of unpaired chromosomes.)  
*d* haploid  
*f* haploïde  
*p* haplóide
- 3005 haploid cell**  
 (Cyt.)  
 (Haploid: having a single set of unpaired chromosomes.)  
*d* haploïde Zelle *f*  
*f* cellule *f* haploïde  
*p* célula *f* haplóide
- 3006 hardened gelatin[e]**  
 (Prod.)  
 (Pharmaceutical technology, material for the elaboration of hard gelatin capsules.)  
*d* gehärtete Gelatine *f*  
*f* gélatine *f* durcie  
*p* gelatina *f* endurecida
- 3007 hard gelatin[e] capsules**  
 (Vit.)  
 (Vitamin technology; e.g. containing a multivitamin trace elements and powder-mixture filling.)  
*d* Hartgelatine kapseln *npl*  
*f* capsules *npl* de gélatine dure  
*p* cápsulas *npl* de gelatina dura
- 3008 hard granules**  
 (Prod.)  
 (Pharmaceutical technology; product characteristic.)  
*d* hartes Granulat *npl*  
*f* granulat *m* dur  
*p* granulado *m* duro
- 3009 hardness investigation of a dispersion**  
 (Prod.)  
 (Pharmaceutical chemistry; ref. to dispersion characteristic, dispersion research.)  
*d* Härteuntersuchung *f* einer Dispersion  
*f* recherche *f* de la dureté d'une dispersion  
*p* pesquisa *f* da dureza de uma dispersão
- 3010 hardness of tablet layers**  
 (Prod.)  
 (Pharmaceutical chemistry; tableting process; tablet characteristic.)  
*d* Härte *f* der Tablettenschichten  
*f* dureté *f* des couches des comprimés  
*p* dureza *f* das camadas dos comprimidos
- \* **hardness of water** → **6993**
- 3011 hard water**  
 (Prod.)  
 (In pharmaceutical processes; ref. to water quality for research and production.)

- d* hartes Wasser *n*  
*f* eau *f* dure  
*p* água *f* dura
- 3012 harmful side-effect of a drug due to excessive therapeutic main-effect**  
 (Pharm.)  
 (Pharmacodynamics; ref. to considerations about the side-effects of a drug.)  
*d* schädliche Arzneimittelnebenwirkung *f* als Folge übersteigter therapeutischer Hauptwirkung  
*f* effet *m* lateral médicamenteux nocif du au principal effet thérapeutique excessif  
*p* efeito *m* lateral nocivo do medicamento como consequência do efeito principal terapêutico excessivo
- 3013 have v the activity within the intestinal tract**  
 (Pharm.)  
 (Pharmacodynamics; ref. to the action of medicaments (active principles) within the organism.)  
*d* Wirkung im Darmtrakt ausüben  
*f* exercer l'activité dans le tube intestinal  
*p* exercer a atividade no trato intestinal
- 3014 hawthorn**  
 (Phyto.)  
 ("Crataegus oxyacantha L., Rosaceae"; source of active principles in cardiac tonics; also: coronary vasodilating principles.)  
*d* Weißdorn *m*  
*f* aubépine *f*  
*p* espinheiro *m* alvar
- 3015 hawthorn acts in various systems of the human organism**  
 (Phyto.)  
 ("Crataegus oxyacantha L., Rosaceae", e.g. acts in the sympathetic nervous system: sympatholytic effect; in the central nervous system: calming effect on the CNS.)  
*d* Weißdorn *m* wirkt in verschiedenen Systemen des menschlichen Organismus ein  
*f* aubépine *f* agit dans des divers systèmes d'organisme humain  
*p* espinheiro *m* alvar atua em diversos sistemas do organismo humano
- \* **healing earth** → 3997
- 3016 healing power**  
 (Phyto.)  
 (E.g. of plants and of: medicinal earth; healing earth; see also this entry.)  
*d* Heilkraft *f*
- f* vertu *f* curative; vertu *f* médicale  
*p* poder *m* curativo
- 3017 heart**  
 (Anat.)  
 (Blood-pumping muscle.)  
*d* Herz *n*  
*f* cœur *m*  
*p* coração *m*
- 3018 heartburn**  
 (Med.)  
 (Pyrosis.)  
*d* Sodbrennen *n*  
*f* aigreurs *fpl* d'estomac  
*p* azia *f* estomacal
- 3019 heat**  
 (Prod.)  
 (Pharmaceutical processes; state of being warm/having a warm temperature; ref. to processing activities.)  
*d* Wärme *f*; Hitze *f*  
*f* chaleur *f*  
*p* calor *m*
- 3020 heat absorption capacity**  
 (Prod.)  
 (Pharmaceutical processes; absorbing capacity for heat; ref. to processing activities; to chemical reactions etc.)  
*d* Wärmeaufnahme-fähigkeit *f*; Wärmekapazität *f*  
*f* capacité *f* calorifique  
*p* capacidade *f* calorífica
- 3021 heat accumulation; heat storage**  
 (Prod.)  
 (Pharmaceutical processes; ref. to processing activities; to chemical reactions etc.)  
*d* Wärmeanreicherung *f*; Wärmespeicherung *f*  
*f* accumulation *f* de chaleur; emmagasinage *m* de chaleur  
*p* acumulação *f* de calor; armazenamento *m* de calor
- 3022 heat conduction; thermal transmission**  
 (Prod.)  
 (Pharmaceutical chemistry; ref. to thermal conductivity.)  
*d* Wärmeübertragung *f*; thermische Übertragung *f*  
*f* conduction *f* de la chaleur; transmission *f* thermique  
*p* condução *f* do calor; transmissão *f* térmica
- 3023 heat consumption**  
 (Prod.)  
 (Pharmaceutical processes; ref. to processing activities.)



- d* Wärmeverbrauch *m*  
*f* consommation *f* de chaleur  
*p* consumo *m* de calor
- 3024 heat exchange**  
 (Prod.)  
 (Pharmaceutical processes; ref. to processing activities; to chemical reactions etc.)  
*d* Wärmeaustausch *m*  
*f* échange *m* de chaleur  
*p* troca *f* de calor
- 3025 heat expansion; thermal expansion**  
 (Prod.)  
 (Pharmaceutical processes; e.g. expansion of the air, of a gas by temperature elevation and under pressure reduction.)  
*d* Wärmeausdehnung *f*  
*f* expansion *f* thermique; dilatation *f* thermique  
*p* expansão *f* térmica; dilatação *f* térmica
- 3026 heat flow; heat flux**  
 (Prod.)  
 (Pharmaceutical processes; ref. to processing activities; to chemical reactions etc.)  
*d* Wärmefluss *m*  
*f* flux *m* de chaleur; écoulement *m* de chaleur  
*p* fluxo *m* do calor; fluxo *m* calorífico
- \* **heat flux** → **3026**
- 3027 heating in boiling waterbath**  
 (Prod.)  
 (In pharmaceutical processes.)  
*d* Erhitzung *f* in kochendem Wasserbad  
*f* chauffage *m* au bain-marie bouillant  
*p* aquecimento *m* por banho-maria fervente
- 3028 heating under air exclusion**  
 (Prod.)  
 (Pharmaceutical technology.)  
*d* Erhitzung *f* unter Luftausschluss  
*f* chauffage *m* en l'absence d'air  
*p* aquecimento *m* sob exclusão de ar
- 3029 heating with dry heat**  
 (Prod.)  
 (Pharmaceutical processes.)  
*d* Erhitzung *f* mit trockener Hitze  
*f* chauffage *m* en chaleur sèche  
*p* aquecimento *m* com calor seco
- 3030 heating with humid heat**  
 (Prod.)  
 (Pharmaceutical processes.)  
*d* Erhitzung *f* mit feuchter Hitze  
*f* chauffage *m* en chaleur humide  
*p* aquecimento *m* com calor úmido
- 3031 heat production**  
 (Prod.)  
 (Pharmaceutical processes; ref. to processing activities; to chemical reactions etc.)  
*d* Wärmeezeugung *f*; Wärmebildung *f*  
*f* production *f* de chaleur  
*p* produção *f* de calor
- 3032 heat quantity**  
 (Prod.)  
 (Pharmaceutical processes; ref. to processing activities; to chemical reactions etc.)  
*d* Wärmemenge *f*  
*f* quantité *f* de chaleur  
*p* quantidade *f* de calor
- \* **heat quantity emitted in a chemical reaction** → **3033**
- 3033 heat quantity evolved in a chemical reaction; heat quantity emitted in a chemical reaction**  
 (Prod.)  
 (Pharmaceutical processes; "reaction heat" concept; see entry: reaction heat; ref. to processing activities; to chemical reactions etc.)  
*d* abgegebene Wärmemenge *f* in einer chemischen Reaktion  
*f* quantité *f* de chaleur dégagée dans une réaction chimique  
*p* quantidade *f* de calor desprendida em uma reação química
- 3034 heat requirement**  
 (Prod.)  
 (Pharmaceutical processes; ref. to processing activities.)  
*d* Wärmebedarf *m*  
*f* besoin *m* de chaleur; exigence *f* de chaleur  
*p* exigência *f* de calor; necessidade *f* de calor
- 3035 heat resistance**  
 (Vit.)  
 (Characteristic of certain biochemical substances, as vitamin B<sub>2</sub> (riboflavin).)  
*d* Wärmebeständigkeit *f*  
*f* résistance *f* à la chaleur  
*p* resistência *f* ao calor
- 3036 heat-sensitive** *adj*  
 (Prod.)  
 (Pharmaceutical production: product characteristic.)  
*d* hitzeempfindlich  
*f* thermosensible; sensible à la chaleur  
*p* sensível ao calor

- 3037 heat-sensitive substances**  
(Prod.)  
(Pharmaceutic chemistry; e.g. characteristic of active principles.)  
*d* hitzeempfindliche Stoffe *mpl*  
*f* substances *fpl* sensibles à la chaleur  
*p* substâncias *fpl* sensível ao calor
- 3038 heat sensitivity; thermosensitivity**  
(Prod.)  
(Pharmaceutical technology; product characteristic.)  
*d* Wärmeempfindlichkeit *f*  
*f* sensibilité *f* à la chaleur; thermosensibilité *f*  
*p* sensibilidade *f* ao calor; termosensibilidade *f*
- 3039 heat-sterilization**  
(Prod.)  
(Pharmaceutical technology; one type of sterilization processes.)  
*d* Hitzesterilisierung *f*; Hitzesterilisation *f*  
*f* stérilisation *f* par la chaleur  
*p* esterilização *f* por calor
- 3040 heat-sterilization in vitamin processing**  
(Vit.)  
(Vitamin technology; this process may effect negatively the stability of the vitamins.)  
*d* Hitze-Sterilisation *f* in der Vitaminverarbeitung; Hitze-Sterilisierung *f* in der Vitaminverarbeitung  
*f* stérilisation *f* par la chaleur dans le traitement des vitamines  
*p* esterilização *f* por calor no processamento de vitaminas
- \* **heat storage** → 3021
- 3041 heavy fatty acids**  
(Vit.)  
(Ref. to vitamin B<sub>2</sub>-riboflavin biochemistry.)  
*d* schwere Fettsäuren *fpl*  
*f* acides *mpl* gras lourds  
*p* ácidos *mpl* graxos pesados
- 3042 heavy metal**  
(Vit.)  
(Vitamin technology; generally effecting negatively vitamin stability.)  
*d* Schwermetall *n*  
*f* métal *m* lourd  
*p* metal *m* pesado
- 3043 heavy metals content**  
(Prod.)  
(Pharmaceutical technology; product test data; e.g. of polyvinylpyrrolidone.)  
*d* Gehalt *m* an Schwermetallen
- f* teneur *f* en métaux lourds  
*p* teor *m* de metais pesados
- 3044 healing without relapse**  
(Med.)  
(Ref. e.g. to malaria treatment.)  
*d* rückfallfreie Heilung *f*  
*f* guérison *f* sans récurrence  
*p* cura *f* isenta de reincidência
- 3045 hemagglutination**  
(Med.)  
(Ref. to blood corpuscles.)  
*d* Blutkörperchenagglutination *f*; Blutkörperchenverklebung *f*; Zusammenballung *f* von Blutkörperchen  
*f* hémagglutination *f*  
*p* hemaglutinação *f*
- 3046 hemeralopia due to vitamin A avitaminosis; night-blindness due to vitamin A avitaminosis**  
(Vit.)  
(Vitamin physiology; deficiency disease caused by lack of vitamin A.)  
*d* Hemeralopie *f* durch Vitamin A-Mangel; Nachtblindheit *f* durch Vitamin A-Mangel  
*f* héméralopie *f* par l'avitaminose de la vitamine A  
*p* hemeralopia *f* pela avitaminose da vitamina A; cegueira *f* noturna pela avitaminose da vitamina A
- 3047 hemoglobin**  
(Med.)  
(Respiratory iron-containing pigment of the red blood cells: oxygen transport to the tissues.)  
*d* Hämoglobin *n*  
*f* hémoglobine *f*  
*p* hemoglobina *f*
- \* **henbane** → 3311
- 3048 Henle's loop in kidney anatomy**  
(Anat.)  
(Kidney anatomy; situated in the renal tubules, action site of saluretics.)  
*d* Henle-Schleife *f* in der Nierenanatomie  
*f* anse *f* de Henle dans l'anatomie du rein  
*p* alça *f* de Henle na anatomia do rim
- 3049 heparin; heparin sodium**  
(Prod.)  
(Pharmaceutical chemistry; active principle; anticoagulant; see this entry.)  
*d* Heparin *n*; Natriumheparin *n*

- f* héparine *f*; sodium *m* de héparine  
*p* heparina *f*; sódio *m* de heparina
- \* **heparin sodium** → **3049**
- 3050 hepatic gluconeogenesis**  
 (Horm.)  
 (Promoted by the glucocorticoids (corticosteroids).)  
*d* hepatische Glukoneogenese *f*  
*f* gluconéogenèse *f* hépatique; néoglycogénèse *f* hépatique  
*p* gliconeogênese *f* hepática
- 3051 hepatic protein**  
 (Enz.)  
 (Gives origin – by proteolysis – to angiotensin II.)  
*d* hepatisches Protein *n*; Leberprotein *n*  
*f* protéine *f* hépatique  
*p* proteína *f* hepática
- 3052 hepatic storage of the vitamin; storage of the vitamin in the liver**  
 (Vit.)  
 (Vitamin physiology.)  
*d* hepatische Speicherung *f* des Vitamins; Speicherung *f* des Vitamins in der Leber  
*f* stockage *m* hépatique de la vitamine; stockage *m* de la vitamine dans le foie  
*p* estocagem *f* hepática da vitaminas; armazenamento *m* da vitamina no figado
- 3053 herbal juice**  
 (Phyto.)  
 (Obtained specially from the leaves by means of a mortar and afterwards by expression processes.)  
*d* Kräutersaft *m*  
*f* suc *m* herbacé  
*p* suco *m* de ervas
- 3054 herbal tea with anis components**  
 (Phyto.)  
 (Herbal tea; "Pimpinella anisum", pectoral tea, with expectorant effect.)  
*d* Kräutertee *m* mit Anisbestandteilen  
*f* tisane *f* avec des composants de l'anis  
*p* chá *m* de ervas com componentes do anis
- 3055 hereditary disease**  
 (Cyt.)  
 (Cytology; ref. to genetics.)  
*d* Erbkrankheit *f*  
*f* maladie *f* héréditaire  
*p* doença *f* hereditária
- 3056 hereditary metabolic disease**  
 (Med.)  
 (Metabolism-related diseases which can be inherited.)  
*d* erbliche Stoffwechselkrankheit *f*  
*f* maladie *f* métabolique héréditaire  
*p* doença *f* metabólica hereditária
- 3057 hereditary transmission**  
 (Cyt.)  
 (Ref. to genetics (inherited).)  
*d* Vererbung *f*  
*f* hérédité *f*  
*p* transmissão *f* hereditária
- 3058 hermetically sealed vessels; airtight sealed vessels**  
 (Prod.)  
 (Pharmaceutical processes; e.g. for conditioning of injectable solute, for solutions etc.; see also entries: sealed glass phial; sealed glass vial and sterile glass ampoule.)  
*d* luftdichte Gefäße *npl*  
*f* récipients *mpl* hermétiques  
*p* recipientes *mpl* herméticos
- 3059 heroic drug; potent drug**  
 (Prod.)  
 (Pharmaceutical chemistry; medicinal drug characteristic, denoting great effect, intensity.)  
*d* stark wirkende Droge *f*  
*f* drogue *f* héroïque  
*p* droga *f* potente
- 3060 heroic mother tincture**  
 (Homoeop.)  
 (Hom[o]eopathic prime material form.)  
*d* stark wirkende Muttertinktur *f*  
*f* teinture *f* mère héroïque  
*p* tintura-mãe *f* potente
- 3061 hesperidin**  
 (Vit.)  
 (C<sub>28</sub>H<sub>34</sub>O<sub>15</sub>; bioflavenoid, (formerly) vitamin P complex; occurs in citrus plants; used in vitamin combinations; e.g. together with vitamin C as prevention against hemorrhagic conditions; also in capillary fragility.)  
*d* Hesperidin *n*  
*f* espérédine *f*  
*p* hesperídio *m*
- 3062 heterochromatin**  
 (Cyt.)  
 (Chromosomes are DNA-rich intranuclear filaments; in a not dividing cell they show heterochromatic regions; during cell division occurs spiralling and thus chromosome

- formation; each heterochromatic region is called "constriction".)
- d* Heterochromatin *n*
- f* hétérochromatine *f*
- p* heterochromatina *f*
- 3063 heterocyclic**  
(Mol.)  
(Molecular biology; see entry: cyclic.)
- d* heterozyklisch
- f* hétérocyclique
- p* heterocíclico
- 3064 heterogametic adj**  
(Cyt.)  
(Cytogenetics; ref. e.g. to the formation of two different gametes – one, male-producing, the other one, female-producing.)
- d* geschlechtschromosomen verschieden
- f* hétérogamétique
- p* heterogâmico; heterógamo
- 3065 heteropolar bond**  
(Mol.)  
(Same as: ionic bond; electrovalent bond; see this entry.)
- d* heteropolare Bindung *f*
- f* liaison *f* hétéropolaire
- p* ligação *f* heteropolar
- 3066 heteroside**  
(Prod.)  
(Medicamentous molecules which furnish by hydrolysis, an ose (sugar) and another substance, aglycone; basis for drug elaboration in biotechnology.)
- d* Heterosid *n*
- f* hétéroside *m*
- p* heterosídeo *m*
- 3067 heteroside-antibiotic; heterosidic antibiotic**  
(Ant.)  
(E.g. actinomycine, DNA/RNA synthesis inhibiting polypeptide antibiotic.)
- d* Heterosid-Antibiotikum *n*
- f* antibiotique *m* hétérosidique
- p* antibiótico *m* heterosídico
- \* **heterosidic antibiotic** → 3067
- 3068 hetero-trimeric sub-membranous protein**  
(Enz.)  
(Protein G, which realizes the transfer of the hormonal message.)
- d* hetero-trimerisches Sub-Membran-Protein *n*
- f* protéine *f* hétérotrimérique sous-membranaire
- p* proteína *f* submembrana hetero-trímera
- 3069 heterozygous adj**  
(Cyt.)  
(Cytogenetics; ref. to dissimilarity of genes.)
- d* heterozygot
- f* hétérozygote
- p* heterozigoto
- \* **hexadecanoic acid** → 4561
- \* **hexadecanol** → 1173
- 3070 hexamine**  
(Prod.)  
(C<sub>6</sub>H<sub>12</sub>N<sub>4</sub>; methenamine; formin; medicamentous substance; urinary antiseptic.)
- d* Hexamin *n*
- f* hexamine *f*
- p* hexamina *f*
- 3071 hexatomic adj**  
(Mol.)  
(Ref. to (being with) six monovalent atoms.)
- d* sechsatomar; sechsatomisch
- f* hexatomique
- p* hexatômico
- 3072 hexavalent adj**  
(Mol.)  
(Ref. to valency atoms.)
- d* sechswertig
- f* hexavalent
- p* hexavalente
- 3073 hexose**  
(Prod.)  
(Pharmaceutical chemistry; monosaccharide, showing six carbon atoms (C) in the molecule, galactose, glucose, mannose: C<sub>6</sub>H<sub>12</sub>O<sub>6</sub>.)
- d* Hexose *f*
- f* hexose *f* *m*
- p* hexose *f*
- 3074 hexose dehydrogenase**  
(Enz.)  
(Hexose is a simple sugar, a monosaccharide; the most important one is glucose. Dehydrogenase: oxidoreductase; an enzyme catalysing oxidation-reduction reactions in the human body.)
- d* Hexosedehydrogenase *f*; Hexose-Dehydrase *f*
- f* déshydrogénase *f* d'hexose; déhydrase *f* d'hexose
- p* deshidrogenase *f* da hexose
- 3075 high active substance concentration**  
(Prod.)  
(Pharmaceutical technology.)

- d* hohe Wirkstoffkonzentration *f*  
*f* forte concentration *f* en substances actives  
*p* alta concentração *f* de substâncias ativas
- 3076 high affinity of hormone interactions**  
 (Horm.)  
 (Ref. to the specificity and affinity of hormone activity.)  
*d* hohe Affinität *f* hormoneller Interaktion; hohe Affinität *f* hormoneller Zwischenwirkung  
*f* haute affinité *f* de l'interaction hormonelle  
*p* alta afinidade *f* da interação hormonal
- 3077 high binding power for vitamin tableting**  
 (Vit.)  
 (Vitamin technology: binding power auxiliary in tableting, e.g. polyvinylpyrrolidone.)  
*d* hohe Bindekraft *f* für die Vitamintablettierung  
*f* pouvoir *m* liant élevé pour la compression de comprimés vitaminiques  
*p* alto poder *m* ligante para a compressão de comprimidos de vitaminas
- 3078 high concentration**  
 (Prod.)  
 (Pharmaceutical chemistry; product characteristic)  
*d* starke Konzentration *f*; hohe Konzentration *f*  
*f* concentration *f* forte  
*p* concentração *f* forte; concentração *f* alta
- 3079 high-concentration product**  
 (Prod.)  
 (Pharmaceutical technology; product characteristic.)  
*d* Produkt *n* hoher Konzentration  
*f* produit *m* de haute concentration  
*p* produto *m* de alta concentração
- 3080 high-density lipoprotein**  
 (Med.)  
 (HDL; cholesterol-poor, correlated with reduced atherosclerosis-risk.)  
*d* Lipoprotein *n* hoher Densität; Lipoprotein *n* hoher Dichte  
*f* lipoprotéine *f* de haute densité  
*p* lipoproteína *f* de alta densidade
- 3081 high-dose vitamins**  
 (Vit.)  
 (Vitamin technology.)  
*d* hochdosierte Vitamine *npl*  
*f* vitamines *fpl* à haut dose  
*p* vitaminas *fpl* de alta dosagem
- 3082 high-dose vitamin tablets**  
 (Vit.)  
 (Vitamin technology; pharmaceutical vitamin form.)  
*d* hochdosierte Vitamintabletten *fpl*  
*f* comprimés *mpl* vitaminiques à haute dose  
*p* comprimidos *mpl* de vitaminas de alta dosagem
- 3083 high fusion temperature**  
 (Prod.)  
 (Pharmaceutical technology; ref. to biochemical processes, -reactions etc.)  
*d* hohe Schmelztemperatur *f*  
*f* température *f* de fusion élevée  
*p* alta temperatura *f* de fusão
- 3084 high-grade adv**  
 (Prod.)  
 (Pharmaceutical chemistry; e.g. characteristic of alcohol; also used for: high concentration indication.)  
*d* hochgradig  
*f* d'un haut degré  
*p* de alta percentagem; de elevada percentagem; de elevadoteor
- 3085 high hygroscopicity**  
 (Prod.)  
 (Pharmaceutical chemistry; ref. to moisture retention capacity of a substance.)  
*d* hohe Hygroskopizität *f*  
*f* hygroscopicité *f* élevée  
*p* higroscopicidade *f* alta
- 3086 high level of medicamentous activity with long-standing efficacy**  
 (Pharm.)  
 (E.g. in case of penicillin treatment, with depot type drug and drug type of immediate release.)  
*d* hoher Wirkspiegel *m* mit langanhaltender Wirksamkeit  
*f* niveau *m* élevé d'activité médicamenteuse accompagnée d'une efficacité prolongée  
*p* nível *m* alto de atividade medicamentosa de eficácia prolongada
- 3087 highly concentrated solution**  
 (Prod.)  
 (Pharmaceutical technology.)  
*d* hochkonzentrierte Lösung *f*  
*f* solution *f* à haute concentration  
*p* solução *f* de alta concentração
- 3088 highly dispersed silica; highly dispersed silicon dioxide**  
 (Prod.)  
 (SiO<sub>2</sub>; silicon dioxide; auxiliary in pharmaceutical processes/production, e.g. tableting auxiliary.)

- d* hochdispertes Siliciumdioxid *n*  
*f* dioxyde *m* de silicium sous dispersion élevée  
*p* sílica *f* de alta dispersão; dióxido *m* de silício altamente disperso
- \* **highly dispersed silicon dioxide** → 3088
- 3089 highly dosed vitamin-therapy**  
 (Vit.)  
 (Vitamin deficiency treatment.)  
*d* hochdosierte Vitamintherapie *f*  
*f* vitamino-thérapie *f* à haute dose  
*p* terapia *f* à base de vitaminas em alta dosagem
- 3090 highly effective tablet disintegrant**  
 (Prod.)  
 (Pharmaceutical technology; auxiliary; tablet disintegrant, e.g. PVP, to promote immediate availability of the active substance.)  
*d* hochwirksames Tablettensprengmittel *n*  
*f* désintégrant *m* très efficace pour les comprimés  
*p* desintegrante *m* altamente eficiente para comprimidos
- 3091 high performance liquid chromatography**  
 (Prod.)  
 (Pharmaceutical chemistry; HPLC: analytical method; separation process.)  
*d* Hochleistungs-Flüssigkeits-Chromatographie *f*  
*f* chromatographie *f* liquide de haute performance  
*p* cromatografia *f* líquida de alta eficiência
- 3092 high-pressure extraction**  
 (Prod.)  
 (Biotechnology; by means of supercritical gases, in the case of solid or liquid substance mixtures; in biotechnological processes, e.g. caffeine reduction: production of decaffeinated coffee etc.)  
*d* Hochdruck-Extraktion *f*  
*f* extraction *f* à haute pression  
*p* extração *f* a alta pressão
- 3093 high-pressure liquid chromatography**  
 (Prod.)  
 (HPLC. pharmaceutical technology; e.g. for analysis of vitamin combination products; in chemical procedure for separation of substance-mixtures.)  
*d* Hochdruck-Flüssigkeits-Chromatographie *f*  
*f* chromatographie *f* liquide de haute pression  
*p* cromatografia *f* líquida de alta pressão
- 3094 high therapeutic vitamin C dose**  
 (Vit.)  
 (Vitamin physiology; could eventually reduce symptoms of the common cold.)  
*d* hohe therapeutische Vitamin C-Dosis *f*  
*f* haute dose *f* thérapeutique de la vitamine C  
*p* dose *f* terapêutica elevada de vitamina C
- 3095 high thiamin[e] concentration; high vitamin B<sub>1</sub> concentration**  
 (Vit.)  
 (Vitamin physiology; main concentration to be found in the brain, heart, kidney and liver; lesser amounts in adrenal (suprarenal) glands, lung, muscle etc.)  
*d* hohe Thiamin-Konzentration *f*; hohe Vitamin B<sub>1</sub>-Konzentration *f*  
*f* concentration *f* haute de la thiamine; concentration *f* haute de la vitamine B<sub>1</sub>  
*p* concentração *f* alta de tiamina; concentração *f* alta de vitamina B<sub>1</sub>
- 3096 high viscosity**  
 (Prod.)  
 (Pharmaceutical technology; product characteristic.)  
*d* hohe Viskosität *f*  
*f* viscosité *f* élevée  
*p* viscosidade *f* alta
- 3097 high viscosity emulsions**  
 (Prod.)  
 (Pharmaceutical technology: product characteristic.)  
*d* Emulsionen *fpl* hoher Viskosität  
*f* émulsions *fpl* de viscosité élevée  
*p* emulsões *fpl* de elevada viscosidade
- 3098 high viscosity of a binder solution**  
 (Prod.)  
 (Pharmaceutical technology; tableting process.)  
*d* hohe Viskosität *f* einer Haftmittellösung  
*f* viscosité *f* élevée d'un liant en solution  
*p* viscosidade *f* elevada de uma solução ligante
- \* **high vitamin B<sub>1</sub> concentration** → 3095
- 3099 high vitamin content**  
 (Vit.)  
 (Vitamin technology; ref. e.g. to a vitamin preparation.)  
*d* hoher Vitamingehalt *m*  
*f* teneur *f* vitaminique élevée  
*p* tor *m* alto de vitaminas
- 3100 histaminase**  
 (Enz.)  
 (Diamine oxidase; histamine and certain diamines oxidizing enzyme; cleaving of NH<sub>3</sub> from diamines.)

- d* Diaminoxydase *f*  
*f* diamino-oxydase *f*  
*p* histaminase *f*
- 3101 histamine**  
 (Vit.)  
 (Vitamin B<sub>6</sub> activity: this hormone (tissue compound: C<sub>5</sub>H<sub>9</sub>N<sub>3</sub>) interacts in the allergy process.)  
*d* Histamin *n*  
*f* histamine *f*  
*p* histamina *f*
- 3102 histamine as a tissular hormone**  
 (Horm.)  
 (Mediator in allergic processes and in inflammations.)  
*d* Histamin *n* als ein Gewebshormon  
*f* histamine *f* comme une hormone tissulaire  
*p* histamina *f* como hormônio tecidual
- 3103 histamine effect**  
 (Med.)  
 (Ref. e.g. to anaphylaxis, widespread histamine release.)  
*d* Histaminwirkung *f*  
*f* effet *m* histaminique  
*p* efeito *m* histamínico
- 3104 histamine receptor**  
 (Anat.)  
 (To be blocked by the antihistamine, in allergy treatment.)  
*d* Histaminrezeptor *m*  
*f* récepteur *m* de la histamine  
*p* receptor *f* da histamina
- 3105 histamine release**  
 (Med.)  
 (E.g. see entry: humoral allergic reaction.)  
*d* Histaminfreisetzung *f*  
*f* libération *f* de histamines  
*p* liberação *f* de histaminas
- 3106 histidine**  
 (Enz.)  
 (Enzymology; C<sub>6</sub>H<sub>9</sub>N<sub>3</sub>O<sub>2</sub>; essential amino acid; origin: hydrolysis of proteins.)  
*d* Histidin *n*  
*f* histidine *f*  
*p* histidina *f*
- 3107 histochemistry**  
 (Anat.)  
 (Pharmaceutical technology; biochemical/histological study/research of the chemical structure of cells and tissues.)  
*d* Histochemie *f*
- f* histochemie *f*  
*p* histoquímica *f*
- 3108 histocompatibility**  
 (Cyt.)  
 (Tissue-antigen compatibility between two individuals, where the absence of it provokes rejection of transplants.)  
*d* Gewebsverträglichkeit *f*  
*f* histocompatibilité *f*  
*p* histocompatibilidade *f*
- 3109 histogenesis**  
 (Cyt.)  
 (Formation and development of organic tissues.)  
*d* Gewebststehung *f*  
*f* histogénèse *f*  
*p* histogênese *f*; histogenia *f*
- 3110 histology**  
 (Med.)  
 (Study of the tissues of the human body.)  
*d* Histologie *f*  
*f* histologie *f*  
*p* histologia *f*
- 3111 histolysis**  
 (Med.)  
 (Ref. to destruction, dissolution of the tissues.)  
*d* Gewebsauflösung *f*  
*f* histolyse *f*  
*p* histólise *f*
- 3112 histone**  
 (Enz.)  
 (Ref. to a simple nucleoprotein forming protein, combining with nucleic acid; a phosphorylated protein, existing in the nucleus of animal cells.)  
*d* Histon *n*  
*f* histone *f*  
*p* histona *f*
- 3113 histopathological chemistry**  
 (Cyt.)  
 (Ref. to histopathology: tissue changes due to diseases.)  
*d* histopathologische Chemie *f*  
*f* chimie *f* histopathologique  
*p* química *f* histopatológica
- 3114 histopathology**  
 (Med.)  
 (Study of the pathological alterations of tissues.)  
*d* Histopathologie *f*

- f* histopathologie *f*  
*p* histopatologia *f*
- 3115 holoenzyme**  
 (Enz.)  
 (Active enzyme consisting of apoenzyme and cofactor (coenzyme).)  
*d* Holoenzym *n*  
*f* holoenzyme *f*  
*p* holoenzima *f*
- 3116 homeostasis**  
 (Med.)  
 (Body-system controlling the internal equilibrium; influenced by vitamins of the B-group.)  
*d* Homöostase *f*  
*f* homéostasie *f*  
*p* homeóstase *f*
- 3117 homocyclic**  
 (Mol.)  
 (Molecular biology; see entry: cyclic.)  
*d* homozyklisch  
*f* homocyclique  
*p* homocíclico
- 3118 homocysteine**  
 (Enz.)  
 (C<sub>4</sub>H<sub>9</sub>NO<sub>2</sub>S. Amino acid. Metabolic intermediate, ref. to vitamin B<sub>12</sub>-activity.)  
*d* Homocystein *n*  
*f* homocystéine *f*  
*p* homocisteína *f*
- 3119 homo[e]opathic conception**  
 (Homoeop.)  
 (Hom[o]eopathy; see this entry: The choice of the medicament depends on the symptoms of the patient, as to Hahnemann's Fundamental hom[o]eopathic law: "Similia similibus curantur" (like cures like).)  
*d* homöopathische Anschauung *f*,  
 homöopathische Konzeption *f*  
*f* conception *f* homéopathique  
*p* concepção *f* homeopática
- 3120 hom[o]eopathic dilutions: deconcentration of liquid forms**  
 (Homoeop.)  
 (Hom[o]eopathic notions. Deconcentration of liquid forms result in dilutions, of solid (e.g. lactose) forms result in trituration.)  
*d* homöopathische Verdünnungen *fpl*:  
 Dekonzentration flüssiger Formen;  
 homöopathische Verdünnungen *fpl*:  
 Dekonzentrierung flüssiger Formen  
*f* dilutions *fpl* homéopathiques: déconcentration
- de formes liquides  
*p* diluições *fpl* homeopáticas: desconcentração de formas líquidas
- 3121 hom[o]eopathic dilutions: deconcentration of solid forms**  
 (Homoeop.)  
 (Hom[o]eopathic notions. Deconcentration of solid forms (e.g. lactose) result in trituration; deconcentration of liquid forms result in dilutions.)  
*d* homöopathische Verdünnungen *fpl*:  
 Dekonzentration fester Formen;  
 homöopathische Verdünnungen *fpl*: Dekonzentrierung fester Formen  
*f* dilutions *fpl* homéopathiques: déconcentration de formes solides  
*p* diluições *fpl* homeopáticas: desconcentração de formas sólidas
- 3122 hom[o]eopathic dose**  
 (Homoeop.)  
 (Hom[o]eopathic notions; ref. to an infinitesimal dose.)  
*d* homöopathische Dosis *f*  
*f* dose *f* homéopathique  
*p* dose *f* homeopática
- 3123 hom[o]eopathic forms**  
 (Homoeop.)  
 (Hom[o]eopathic medicament.)  
*d* homöopathische Mittel *npl*  
*f* formes *fpl* homéopathiques  
*p* formas *fpl* homeopáticas
- 3124 hom[o]eopathic globules**  
 (Homoeop.)  
 (Hom[o]eopathic form.)  
*d* homöopathische Kügelchen *npl*  
*f* globules *mpl* homéopathiques  
*p* glóbulos *mpl* homeopáticos
- 3125 hom[o]eopathic granules**  
 (Homoeop.)  
 (Hom[o]eopathic form.)  
*d* homöopathisches Granulat *n*  
*f* granules *mpl* homéopathiques  
*p* grânulos *mpl* homeopáticos
- 3126 hom[o]eopathic injectable solute**  
 (Homoeop.)  
 (Hom[o]eopathic form.)  
*d* homöopathische einspritzbare Stofflösung *f*  
*f* soluté *m* injectable homéopathique  
*p* soluto *m* injetável homeopático



- 3127 hom[o]eopathic notion**  
(Homoeop.)  
(Ref. to "hom[o]eopathy", see this entry.)  
*d* homöopathischer Begriff *m*  
*f* notion *f* homéopathique  
*p* noção *f* homeopática
- 3128 hom[o]eopathic operation of dynamization**  
(Homoeop.)  
(Hahnemann's deconcentration is obtained by certain agitation processes as to hom[o]eopathic notions.)  
*d* homöopathische Dynamisierungsprozedur *f*  
*f* opération *f* homéopathique de dynamisation  
*p* operação *f* homeopática de dinamização
- 3129 hom[o]eopathic plant mother-material**  
(Homoeop.)  
(Hom[o]eopathic prime material, bearing a Latin designation: e.g. "Aconitum napellus" = aconite, common monkshood.)  
*d* pflanzliches homöopathisches Stamm-Material *n*  
*f* souches *fpl* homéopathiques végétales  
*p* agentes *m* terapêuticos homeopáticos vegetais
- 3130 hom[o]eopathic prime material, defined by the method of preparation**  
(Homoeop.)  
(Hom[o]eopathic prime material, like e.g. "Causticum Hahnemanni" = Hahnemann's potassa.)  
*d* homöopathisches Ausgangsmaterial *n*, bestimmt durch die Art und Weise der Zubereitung  
*f* matière *f* première homéopathique définie par le mode de préparation  
*p* matéria *f* prima homeopática definida pelo modo de preparação
- 3131 hom[o]eopathic prime material in the form of mixtures**  
(Homoeop.)  
(Hom[o]eopathic prime material, like e.g. "Hepar sulfuris": Hahnemann's preparation of calcium carbonate and sublimed sulphur.)  
*d* homöopathisches Ausgangsmaterial *n* in Form von Mischungen  
*f* matière *f* première homéopathique en forme de mélanges  
*p* matéria *f* prima homeopática em forma de misturas
- 3132 hom[o]eopathy**  
(Homoeop.)  
(Samuel Hahnemann (1755-1843), German physician; medicinal system (1810), "like cures like", individualized treatment with very small drug quantities, producing the same symptoms in the patient, as of his specific disease to be cured.)  
*d* Homöopathie *f*  
*f* homéopathie *f*  
*p* homeopatia *f*
- 3133 hom[o]eotherapeutics; therapeutics of hom[o]eopathy**  
(Homoeop.)  
(See entries on: hom[o]eopathy.)  
*d* Homöotherapeutik *f*; Therapeutik *f* der Homöopathie  
*f* homéothérapeutique *f*; thérapeutique *f* de l'homéopathie  
*p* homeoterapêutica *f*; terapêutica *f* da homeopatia
- 3134 homogametic *adj***  
(Cyt.)  
(Cytogenetics; ref. to the formation of gametes with the same type of sex chromosomes.)  
*d* geschlechtschromosomengleich  
*f* homogamétique  
*p* homogâmico
- 3135 homogeneous coatings**  
(Prod.)  
(Pharmaceutical technology; e.g. tablet production.)  
*d* homogene Überzüge *mpl*  
*f* revêtements *mpl* homogènes  
*p* revestimentos *mpl* homogêneos
- 3136 homogeneous distribution**  
(Prod.)  
(Pharmaceutical processes: preparing tableting procedures; substance incorporation into mixtures.)  
*d* homogene Verteilung *f*; gleichmäßige Verteilung *f*; einheitliche Verteilung *f*  
*f* répartition *f* homogène  
*p* repartição *f* homogênea
- 3137 homogeneous distribution of components**  
(Prod.)  
(Pharmaceutical technology: e.g. ref. to tableting processes.)  
*d* homogene Verteilung *f* von Komponenten; homogene Komponentenverteilung *f*  
*f* distribution *f* homogène de composants  
*p* distribuição *f* homogênea de componentes
- 3138 homogeneous mixture of components**  
(Prod.)  
(Pharmaceutical technology: e.g. ref. to tableting processes.)

- d* homogene Mischung *f* von Komponenten  
*f* mélange *m* homogène de composants  
*p* mistura *f* homogênea de componentes
- 3139 homogenization**  
 (Prod.)  
 (Pharmaceutical technology; ref. to the elaboration of a uniform mixtures.)  
*d* Homogenisierung *f*; Homogenisieren *n*  
*f* homogénéisation *f*  
*p* homogeneização *f*
- 3140 homogenization before centrifugation**  
 (Prod.)  
 (Pharmaceutical technology; ref. to the elaboration of a uniform mixture before the centrifugation process.)  
*d* Homogenisierung *f* vor der Zentrifugierung; Homogenisieren *n* vor dem Zentrifugieren  
*f* homogénéisation *f* avant centrifugation  
*p* homogeneização *f* antes da centrifugação
- 3141 homogenization of a liquid**  
 (Prod.)  
 (Pharmaceutical technology; ref. to the elaboration of a uniform mixture.)  
*d* Homogenisieren *n* einer Flüssigkeit; Flüssigkeitshomogenisierung *f*  
*f* homogénéisation *f* d'un liquide  
*p* homogeneização *f* de um líquido
- 3142 homogenous colorant distribution in film coatings**  
 (Prod.)  
 (Pharmaceutical technology: ref. to auxiliary products (e.g. PVP) favouring the homogenous distribution of colorants in tablet coatings.)  
*d* homogene Verteilung *f* von Farbstoffen in Filmüberzügen; einheitliche Verteilung *f* von Farbstoffen in Dünnschichtüberzügen  
*f* distribution *f* homogène de la matière colorante dans des revêtements à pellicule; distribution *f* uniforme de la matière colorante dans des revêtements à pellicule  
*p* distribuição *f* homogênea dos corantes em revestimentos por película; distribuição *f* uniforme dos corantes em revestimentos por película
- 3143 homogenous distribution**  
 (Prod.)  
 (Pharmaceutical technology: e.g. ref. to tableting auxiliaries in tableting mixtures.)  
*d* homogene Verteilung *f*; gleichmäßige Verteilung *f*  
*f* distribution *f* homogène  
*p* distribuição *f* homogênea
- 3144 homogenous suspension**  
 (Prod.)  
 (Fine chemical technology; product characteristic.)  
*d* homogene Suspension *f*  
*f* suspension *f* homogène  
*p* suspensão *f* homogênea
- 3145 homologous chromosome**  
 (Cyt.)  
 (Pair of similar chromosomes; contained in a cell called "diploid" (see entry: haploid cell/diploid cell).)  
*d* homologes Chromosom *n*  
*f* chromosome *m* homologue  
*p* cromossomo *m* homólogo
- 3146 homologous hormonal molecules**  
 (Horm.)  
 (Ref. to a group of hormones showing very similar structures, e.g. the glycoprotein hormones.)  
*d* homologe hormonale Moleküle *npl*  
*f* molécules *fpl* hormonales homologues  
*p* moléculas *fpl* hormonais homólogas
- 3147 homologous molecules**  
 (Horm.)  
 (Ref. to a group of hormones showing very similar structures, e.g. the glycoprotein hormones.)  
*d* homologe Moleküle *npl*  
*f* molécules *fpl* homologues  
*p* moléculas *fpl* homólogas
- 3148 homopolar bond**  
 (Mol.)  
 (Same as: covalent bond; see this entry.)  
*d* homöopolare Bindung *f*  
*f* liaison *f* homopolaire  
*p* ligação *f* homopolar
- 3149 homozygous** *adj*  
 (Cyt.)  
 (Cytogenetics; ref. to identicalness of genes.)  
*d* homozygot  
*f* homozygote  
*p* homozigoto
- 3150 hop tincture**  
 (Phyto.)  
 ("Humulus lupulus "; use: tonic, stomachic, sedative.)  
*d* Hopfenauszug *m*  
*f* teinture *f* d'houblon  
*p* tintura *f* de lúpulo
- \* **hormonal action** → 97

- 3151 hormonal action; action of the hormones**  
(Horm.)  
(Ref. to hormonal action in tissues to influence structure and function.)  
*d* Hormontätigkeit *f*; Wirksamkeit *f* der Hormone  
*f* action *f* des hormones  
*p* ação *f* dos hormônios
- 3152 hormonal activation**  
(Horm.)  
(Hormone biochemistry.)  
*d* hormonale Aktivierung *f*; hormonale Reaktionsfähigkeit *f*  
*f* activation *f* hormonale  
*p* ativação *f* hormonal
- 3153 hormonal binding site**  
(Horm.)  
(Hormone physiology; ref. to hormone/receptor cell activity.)  
*d* Ort *m* der Bindung an das Hormon  
*f* site *m* de liaison à l'hormone  
*p* local *m* de ligação ao hormônio
- 3154 hormonal control**  
(Horm.)  
(Ref. to hormone activity (of processes) in the human body.)  
*d* hormonale Steuerung *f*; hormonelle Regelung *f*  
*f* contrôle *m* hormonal  
*p* controle *m* hormonal
- 3155 hormonal depot preparation**  
(Horm.)  
(Hormonal injection preparations with retard effect.)  
*d* hormonelles Depotpräparat *n*  
*f* préparation *f* hormonale de dépôt  
*p* preparações *fp*l hormonais de depósito
- 3156 hormonal diabetes**  
(Horm.)  
(Form of diabetes due to an overproduction of the (blood sugar level increasing) pancreas hormone glucagon (Hyperglycemic-glycogenolytic factor; HGF); used as active principle in cases of diabetic hypoglycaemia.)  
*d* hormonaler Diabetes *m*; hormonale Zuckerkrankheit *f*  
*f* diabète *m* hormonal  
*p* diabetes *m/f* hormonal
- 3157 hormonal dosage**  
(Horm.)  
(The quantity and administration of a hormone.)  
*d* Hormondosierung *f*  
*f* dosage *m* hormonal  
*p* dosagem *f* hormonal
- 3158 hormonal feedback mechanism**  
(Horm.)  
(Ref. to hormonal interrelations.)  
*d* hormonaler Rückkopplungsmechanismus *m*  
*f* mécanisme *m* hormonal de rétroaction  
*p* mecanismo *m* hormonal de retroação
- 3159 hormonal form**  
(Horm.)  
(Pharmaceutical technology; product characteristic.)  
*d* hormonale Form *f*  
*f* forme *f* hormonale  
*p* forma *f* hormonal
- 3160 hormonal implant**  
(Horm.)  
(Having sustained activity and being well tolerated by the human body.)  
*d* Hormonimplantat *n*  
*f* implant *m* hormonal  
*p* implante *m* hormonal
- 3161 hormonal influence on desoxyribonucleic acid molecules; hormonal influence on DNS molecules**  
(Mol.)  
(Ref. to the activation of the genetic information system.)  
*d* hormoneller Einfluss *m* auf Desoxyribonucleinsäure-Moleküle; hormoneller Einfluss *m* auf DNS-Moleküle  
*f* influence *f* hormonelle sur les molécules d'acide désoxyribonucléique; influence *f* hormonelle sur les molécules d'ADN  
*p* influência *f* hormonal nas moléculas do ácido desoxirribonucléico; influência *f* hormonal nas moléculas do ADN
- \* **hormonal influence on DNS molecules → 3161**
- 3162 hormonal insufficiency**  
(Horm.)  
(E.g. requiring hormonal treatment (see this entry), hormone substitution therapy (see this entry).)  
*d* Hormoninsuffizienz *f*; Unzulänglichkeit *f* des Hormonspiegels  
*f* insuffisance *f* hormonale  
*p* insuficiência *f* hormonal

- 3163 hormonal interrelationship**  
(Horm.)  
(Hormonal interdependency; see also entry: hormonal feedback mechanism.)  
*d* hormonale Wechselbeziehung *f*  
*f* corrélation *f* hormonale  
*p* correlação *f* hormonal
- 3164 hormonal messenger**  
(Horm.)  
(In this case a hormone which mediates a biochemical effect; mediating biochemical interactions between distant cells)  
*d* hormonaler Botenstoff *m*; hormoneller Botenstoff *m*  
*f* messenger *m* hormonal  
*p* mensageiro *m* hormonal
- 3165 hormonal overstimulation**  
(Horm.)  
(Hormone biochemistry; hormone physiology.)  
*d* hormonale Überstimulierung *f*  
*f* surstimulation *f* hormonale  
*p* superestimulação *f* hormonal
- 3166 hormonal precursor**  
(Horm.)  
(Hormone biochemistry.)  
*d* Hormonvorstufe *f*  
*f* précurseur *m* hormonal  
*p* precursor *m* hormonal
- \* **hormonal reaction** → 3168
- 3167 hormonal reserve**  
(Horm.)  
(Ref. to "hormonal implant", see this entry.)  
*d* hormonelle Reserve *f*; hormonale Reserve *f*  
*f* réserve *f* hormonale  
*p* reserva *f* hormonal
- 3168 hormonal response; hormonal reaction**  
(Horm.)  
(Ref. to the hypothalamic-hypophyseal complex, responsible for the endocrine regulation system.)  
*d* hormonale Response *f*; hormonelle Reaktion *f*  
*f* réponse *f* hormonale; réaction *f* hormonale  
*p* resposta *f* hormonal; reação *f* hormonal
- 3169 hormonal secretion**  
(Horm.)  
(Ref. to hormone production by the glands and hormone transport within the cells, etc.)  
*d* hormonale Sekretion *f*; hormonelle Absonderung *f*; hormonelle Ausscheidung *f*
- f* sécrétion *f* hormonale  
*p* secreção *f* hormonal
- 3170 hormonal signalization path**  
(Horm.)  
(Hormone biochemistry; ref. to hormone/receptor cell activity.)  
*d* Weg *m* hormonalen Signalisierens  
*f* voie *f* de signalisation hormonale  
*p* via *f* de sinalização hormonal
- 3171 hormonal steroid synthesis**  
(Horm.)  
(Ref. to sexual hormones and analogs, e.g. anticoncipient medicaments.)  
*d* hormonale Steroidsynthese *f*  
*f* synthèse *f* stéroïdienne hormonale  
*p* síntese *f* dos esteróides hormonais
- \* **hormonal tablet implant** → 3172
- 3172 hormonal tablets for implantation; hormonal tablet implant**  
(Horm.)  
(A pharmaceutical form; hormone tablets, in hormone substitution treatment, in hormonotherapy.)  
*d* hormonale Tabletten *fpl* zur Implantation; hormonelles Tablettenimplantat *n*  
*f* comprimé *m* hormonal pour implantation; implant *m* hormonal de comprimé  
*p* comprimido *m* hormonal de implantação; implante *m* hormonal de comprimido
- 3173 hormonal target-site**  
(Horm.)  
(Hormone bound to a protein, transported to its action site, when secreted directly into the blood (ref. to internal secretion of endocrine hormones).)  
*d* hormonaler Wirkungsort *m*  
*f* site-cible *m* de l'activité hormonale  
*p* local-alvo *m* hormonal
- 3174 hormonal therapeutics**  
(Horm.)  
(See entry: hormones.)  
*d* hormonale Therapeutik *f*  
*f* thérapeutique *f* hormonale  
*p* terapêutica *f* hormonal
- 3175 hormonal transport protein**  
(Horm.)  
(Hormone bound to a protein, transported to its action site, when secreted directly into the blood (ref. to internal secretion of endocrine hormones). See also entry: hormonal target-site.)

- d* hormonales Transporteiweiß *n*; hormonales Transportprotein *n*  
*f* protéine *f* pour le transport hormonal  
*p* proteína *f* para transporte hormonal
- 3176 hormonal treatment**  
 (Horm.)  
 (Treatment with synthetic or natural hormones.)  
*d* Hormonbehandlung *f*  
*f* traitement *m* hormonale  
*p* tratamento *m* hormonal
- \* **hormone antagonist** → 527
- 3177 hormone as a binder to the receptors**  
 (Horm.)  
 (Hormones which fix themselves to specific receptors, as e.g. "enkephalin; encephalin" (see this entry) to opium/morphine receptors.)  
*d* Hormon *n* als Binder der Rezeptoren  
*f* hormone *f* comme ligand des récepteurs  
*p* hormônio *m* como ligante des receptores
- 3178 hormone binding on its receptor**  
 (Horm.)  
 (Ref. to hormone activity.)  
*d* Bindung *f* des Hormones an seinen Rezeptor; Hormonbindung *f* an seinen Rezeptor  
*f* liaison *f* de l'hormone a son récepteur  
*p* ligação *f* de hormônio ao seu receptor
- 3179 hormone catecholamine is secreted by the suprarenal medulla gland**  
 (Horm.)  
 (See entry: catecholamine.)  
*d* Hormon *n* Catecholamin wird von der Nebennierenmark-Drüse ausgeschüttet  
*f* hormone *f* catécholamine est sécrétée par la médullosurrénale  
*p* hormônio *m* catecolamina é secretado pela glândula da medula suprarenal
- 3180 hormone decreasing blood phosphate- and blood calcium-level**  
 (Horm.)  
 (See entry: calcitonin.)  
*d* Hormon *n* welches das Blut-Phosphat- und das Blut-Calcium-Niveau vermindert  
*f* hormone *f* diminuante le niveau sanguin du phosphate et du calcium  
*p* hormônio *m* que diminui o nível sanguíneo de fosfato e cálcio
- 3181 hormone deficiency**  
 (Horm.)  
 (Turning necessary the administration of hormones as medicaments in therapy.)
- d* Hormonmangel *m*  
*f* carence *f* en hormones  
*p* carência *f* hormonal
- 3182 hormone-dependent** *adj*  
 (Horm.)  
 (Hormone biochemistry.)  
*d* hormonabhängig  
*f* hormono-dépendante  
*p* hormônio-dependente
- 3183 hormone derivatives with less side-effects; hormone derivatives with less side reactions**  
 (Horm.)  
 (Hormone biochemistry; hormones as medicaments in therapy.)  
*d* Hormonderivate *npl* mit geringeren Nebenwirkungen  
*f* dérivés *mpl* hormonaux ayants moins d'effets secondaires  
*p* derivados *mpl* hormonais com menos efeitos secundários
- \* **hormone derivatives with less side reactions** → 3183
- 3184 hormone fixed on his specific receptor**  
 (Horm.)  
 (Receptors are proteins localized either within the interior of a cell or on the cell surface.)  
*d* seinen spezifischen Rezeptor besetzendes Hormon *n*; an seinen spez. Rezeptor fixiertes Hormon *n*  
*f* hormone *f* fixée à son récepteur spécifique  
*p* hormônio *m* fixado ao seu receptor específico
- 3185 hormone fixes itself specifically to its receptor**  
 (Horm.)  
 (Hormone biochemistry; path of hormonal activity.)  
*d* Hormon fixiert sich spezifisch an seinen Rezeptor  
*f* hormone se fixe spécifiquement à son récepteur  
*p* hormônio fixa-se especificamente a seu receptor
- 3186 hormone gastrin is produced by the cells of the gastric mucosa**  
 (Horm.)  
 (Stomach lining hormone, promoting secretion of the gastric juice.)  
*d* Hormon *n* Gastrin wird von den Zellen der Magenschleimhaut produziert

- f* hormone *f* gastrine est produite par des cellules de la muqueuse gastrique; hormone *f* gastrine est produite par des cellules de la muqueuse de l'estomac
- p* hormônio *m* gastrina é produzido pelas células da mucosa gástrica; hormônio *m* gastrina é produzido pelas células da mucosa do estômago
- 3187 hormone gastrin stimulates the peristalsis of the stomach**  
(Horm.)  
(Hormone biochemistry; hormone physiology, activity of the hormone gastrin.)
- d* Hormon *n* Gastrin regt die Peristaltik des Magens an
- f* hormone *f* gastrine stimule le péristaltisme de l'estomac
- p* hormônio *m* gastrina estimula a peristalse do estômago; hormônio *m* gastrina estimula o peristaltismo do estômago
- 3188 hormone glands as endocrine glands**  
(Horm.)  
(Directly (i.e. without a duct=ductless glands) into the bloodstream secreting glands.)
- d* Hormondrüsen *fpl* als endokrine Drüsen
- f* glandes *fpl* hormonales comme glandes endocrines
- p* glândulas hormonais como glândulas endócrinas
- 3189 hormone having an inhibitory effect on the secretion of the growth hormones**  
(Horm.)  
(See entry: somatostatin.)
- d* Hormon *n* mit hemmender Wirkung auf die Sekretion der Wachstumshormone
- f* hormone *f* à effet inhibant sur la sécrétion des hormones de croissance
- p* hormônio *m* de efeito inibidor sobre a secreção dos hormônios de crescimento
- 3190 hormone level**  
(Horm.)  
(Hormone physiology; ref. to hormone concentration in the blood circulation.)
- d* Hormonspiegel *m*
- f* niveau *m* hormonal
- p* nível *m* hormonal
- 3191 hormone of intracellular receptor**  
(Horm.)  
(Ref. to hormone/receptor cell activity; e.g. ref. to hydrophobe hormones: steroid hormones etc, penetrating into the cytoplasm of the cell.)
- d* Hormon *n* intrazellularen Rezeptors
- f* hormone *f* à récepteur intracellulaire
- p* hormônio *m* de receptor intracelular
- 3192 hormone of the follicle phase of the ovarian cycle**  
(Horm.)  
(Ref. to estrone, see this entry; a follicle hormone.)
- d* Hormon *n* der folliculären Phase des Eierstockzyklus
- f* hormone *f* de la phase folliculaire ovarienne
- p* hormônio *m* da fase folicular do ciclo ovariano
- \* **hormone of the hypophysis → 3193**
- \* **hormone of the mucosa of the stomach → 2807**
- \* **hormone of the neurohypophysis → 3194**
- 3193 hormone of the pituitary gland; hormone of the hypophysis**  
(Horm.)  
(E.g. ACTH: adrenocorticotrop[h]ic hormone, of the anterior lobe and vasopressin (ADH, antidiuretic hormone), secreted by the posterior lobe.)
- d* Hormon *n* der Hirnanhangsdrüse; Hypophysenhormon *n*
- f* hormone *f* de la glande pituitaire; hormone *f* de l'hypophyse; hormone *f* hypophysaire
- p* hormônio *m* da glândula pituitária; hormônio *m* da hipófise
- 3194 hormone of the posterior lobe of the pituitary gland; hormone of the neurohypophysis**  
(Horm.)  
(E.g. oxytocin, vasopressin.)
- d* Hormon *n* des Hinterlappens der Hypophyse; Hypophysenhinterlappenhormon *n*; Hormon *n* der Neurohypophyse
- f* hormone *f* du lobe postérieur de la glande pituitaire; hormone *f* post-hypophysaire
- p* hormônio *m* do lobo posterior da glândula pituitária; hormônio *m* do lobo posterior da hipófise
- 3195 hormone ointment**  
(Horm.)  
(In hormone substitution therapy.)
- d* Hormonsalbe *f*
- f* onguent *m* hormonal
- p* unguento *m* hormonal; unguento *m* à base de hormônios

- 3196 hormone receptor**  
(Horm.)  
(Receptors are proteins, localized either within the interior of a cell, or on the cell surface.)  
*d* Hormon-Rezeptor *m*; Haftstelle *f* des Hormons  
*f* récepteur *m* hormonal  
*p* receptor *m* hormonal
- 3197 hormone-receptor interaction**  
(Horm.)  
(Ref. to the specificity and affinity of hormone activity.)  
*d* Hormon-Rezeptoren-Interaktion *f*; aufeinander bezogene Wirkung *f* zwischen Hormonen und Rezeptoren  
*f* interaction *f* hormone-récepteur  
*p* interação *f* hormônio-receptor
- 3198 hormone-receptor interaction affinity**  
(Horm.)  
(Ref. to hormone activity in the body.)  
*d* Affinität *f* der Interaktion Hormon-Rezeptor  
*f* affinité *f* de l'interaction hormone-récepteur  
*p* afinidade *f* de interação hormônio-receptor
- 3199 hormone-receptor interaction specificity**  
(Horm.)  
(Ref. to hormone activity in the body.)  
*d* Spezifität *f* der Hormon-Rezeptoreninteraktion  
*f* spécificité *f* de l'interaction hormone-récepteur  
*p* especificidade *f* de interação hormônio-receptor
- 3200 hormone receptor on the cellular surface**  
(Horm.)  
(Hormon biochemistry; ref. to hormone activity; see also entry: a hormone fixes v itself specifically to its receptor.)  
*d* Hormon-Rezeptor *m* an der Zelloberfläche; Haftstelle *f* des Hormons an der Zelloberfläche  
*f* récepteur *m* hormonal à la surface cellulaire  
*p* receptor *m* hormonal na superfície celular
- 3201 hormone regulates gene transcription**  
(Horm.)  
(Hormone biochemistry; ref. to cytogenetic processes.)  
*d* Hormon *n* reguliert die Genen-Transkription  
*f* hormone *f* régule la transcription des gènes  
*p* hormônio *m* regula a transcrição dos genes
- 3202 hormone response elements**  
(Horm.)  
(Path of hormonal activity, ref. to DNA regions of hormonal receptor fixation.)  
*d* Hormon-Respons-Elemente *npl*  
*f* éléments *mpl* de réponse à l'hormone  
*p* elementos *mpl* respondentes ao hormônio
- 3203 hormones**  
(Horm.)  
(Substance produced by endocrine glands and carried by the bloodstream to distant tissues for action.)  
*d* Hormone *npl*  
*f* hormones *fpl*  
*p* hormônios *mpl*
- 3204 hormones are messenger-substances from endocrine glands**  
(Horm.)  
(Hormone physiology.)  
*d* Hormone *npl* sind Botenstoffe endokriner Drüsen  
*f* hormones *fpl* sont des substances-messagers des glandes endocrines  
*p* hormônios *mpl* são substâncias-mensageiras das glândulas endócrinas
- 3205 hormones are secreted by organs having glandular structure**  
(Horm.)  
(Ref. to endogenous (internal) origin of natural hormones.)  
*d* Hormone *npl* werden von Organen mit Drüsenstruktur abgeschieden  
*f* hormones *fpl* sont secrétées par des organes de structure glandulaire  
*p* hormônios *mpl* são secretados por órgãos de estrutura glandular
- 3206 hormones are substances produced by endocrine glands**  
(Horm.)  
(Origin of natural hormones within the organism produced by glands.)  
*d* Hormone *npl* sind Substanzen welche von endokrinen Drüsen produziert werden  
*f* hormones *fpl* sont des substances produites par des glandes endocrines  
*p* hormônios *mpl* são substâncias produzidas por glândulas endócrinas
- 3207 hormones as biocatalyzers**  
(Horm.)  
(As active principles, accelerating biochemical reactions.)  
*d* Hormone *npl* als Biokatalysatoren  
*f* hormones *fpl* comme biocatalyseurs  
*p* hormônios *mpl* como biocatalisadores

- 3208 hormones associated to the nuclear receptors**  
(Horm.)  
(Hormone biochemistry; ref. to cell nuclei.)  
*d* mit den Kern-Rezeptoren verbundene Hormone *npl*  
*f* hormones *fpl* associées aux récepteurs nucléaires  
*p* hormônios *mpl* associados aos receptores nucleares
- 3209 hormone sensitivity of the target cell; sensitivity of the target cell to the hormone**  
(Horm.)  
(Cell characteristic on which depends the cell response.)  
*d* Hormonempfindlichkeit *f* der Zielzelle  
*f* sensibilité *f* de la cellule-cible à l'hormone  
*p* sensibilidade *f* da célula-alvo ao hormônio
- 3210 hormones formed by short peptidic chains**  
(Horm.)  
(Ref. to a type of hormone form.)  
*d* aus kurzen Peptidketten bestehende Hormone *npl*; kurzzeitige Peptidhormone *npl*  
*f* hormones *fpl* constituées de chaînes peptidiques courtes  
*p* hormônios *mpl* constituídos de cadeias peptídicas curtas
- 3211 hormones of complementary action**  
(Horm.)  
(Ref. to hormone biochemistry/physiology.)  
*d* Hormone *npl* komplementärer Aktion; Hormone *npl* komplementärer Wirkungsweise  
*f* hormones *fpl* aux actions complémentaires  
*p* hormônios *mpl* de ações complementares
- 3212 hormones of the gonads; gonadal hormones**  
(Horm.)  
(The gonad is a reproductive, gametes (sex cells)-producing gland: testis and ovary.)  
*d* Keimdrüsenhormone *npl*; Hormone *npl* der Gonaden  
*f* hormones *fpl* des gonades; hormones *fpl* gonadiques  
*p* hormônios *mpl* das gônadas
- 3213 hormones of the stomach-intestinal canal**  
(Horm.)  
(Ex. gastrin, secretin.)  
*d* Hormone *npl* des Magen-Darmkanals  
*f* hormones *fpl* du tractus gastro-intestinal; hormones *fpl* du tube digestif  
*p* hormônios *mpl* do tubo gastrintestinal
- 3214 hormones of the suprarenal glands**
- (Horm.)  
(Endocrine glands: adrenal glands; adrenaline (noradrenaline) and corticosteroid hormones producing glands.)  
*d* Nebennierenhormone *npl*  
*f* hormones *fpl* des glandes surrénales; hormones *fpl* des glandes surrénales  
*p* hormônios *m* das glândulas suprarenais
- 3215 hormone substitution therapy**  
(Horm.)  
(Treatment with hormones.)  
*d* Hormon-Substitutionstherapie *f*  
*f* thérapie *f* de la substitution hormonale  
*p* terapia *f* de substituição hormonal
- 3216 hormones with membrane receptors**  
(Horm.)  
(Hydrophile hormone (see entry).)  
*d* Hormone *npl* mit Membranrezeptoren  
*f* hormones *fpl* à récepteurs membranaires  
*p* hormônios *mpl* com receptores das membranas
- 3217 hormones with pharmacological activity**  
(Horm.)  
(Hormones in therapeutics, hormones as medications.)  
*d* Hormone *npl* pharmakologischer Wirkung  
*f* hormones *fpl* ayantes des activités pharmacologiques  
*p* hormônios *mpl* com atividade farmacológica
- 3218 hormones with physiological activity**  
(Horm.)  
(Ref. to natural hormones circulating in body fluids producing specific effects on the target-cells, remote from their site of origin.)  
*d* Hormone *npl* physiologischer Wirkung  
*f* hormones *fpl* ayantes des activités physiologiques  
*p* hormônios *mpl* com atividade fisiológica
- 3219 hormonopoiesis**  
(Horm.)  
(Formation of hormones.)  
*d* Hormonbildung *f*  
*f* hormonopoièse *f*  
*p* hormonopoesis *f*
- 3220 hormoneotherapy**  
(Horm.)  
(Ref. to the therapeutic use of hormones.)  
*d* Hormontherapie *f*  
*f* hormonothérapie *f*  
*p* hormonoterapia *f*
- \* **horny layer** → 1596



- 3221 horse chestnut**  
(Phyto.)  
(Medicinal herb "Aesculus hippocastanum",  
use in phlebitis; varicose veins etc.)  
*d* Rosskastanie *f*  
*f* marron *m* d'Inde  
*p* castanha *f* da índia
- 3222 horse-power**  
(Prod.)  
(Pharmaceutical technology; HP; 1 HP =  
735,5 W.)  
*d* Pferdestärke *f*; PS  
*f* cheval-vapeur *m*; CV  
*p* cavalo-força *m*; cavalo-vapor *m*; cv (*pl*:  
cavalos-força/cavalos-vapor)
- 3223 host**  
(Med.)  
(Bacteriology; parasite-bearing individual.)  
*d* Wirt *m*  
*f* hôte *m*  
*p* hospedeiro *m*
- 3224 hot fat**  
(Prod.)  
(Pharmaceutical technology; product  
characteristic.)  
*d* heißes Fett *n*  
*f* graisse *f* chaude  
*p* gordura *f* quente
- 3225 hot oil**  
(Prod.)  
(Pharmaceutical technology; product  
characteristic.)  
*d* heißes Öl *n*  
*f* huile *f* chaude  
*p* óleo *m* quente
- \* hot-water infusion → 3465
- 3226 human blood serum**  
(Med.)  
(The characteristics of human blood serum  
must be taken into account for the  
preparations of injectable solutions.)  
*d* menschliches Blutserum *n*  
*f* sérum *m* sanguin humain  
*p* soro *m* de sangue humano; soro *m* sanguíneo  
humano
- 3227 human genetics**  
(Cyt.)  
(Science of human inheritance.)  
*d* Human-Genetik *f*; Human-Vererbung *f*  
*f* génétique *f* humaine  
*p* genética *f* humana
- 3228 human genome**  
(Cyt.)  
(Genetics; complete constitution of an  
individual.)  
*d* menschliches Genom *n*; Human-Genom *n*  
*f* génome *m* humaine  
*p* genoma *m* humano
- 3229 human interferon produced by genetic-  
technological means**  
(Prod.)  
(See also entry: interferons obtained from  
cultures of human cells.)  
*d* Humaninterferon *n* hergestellt auf  
gentechnologischem Wege  
*f* interféron *m* humain produit par des voies de  
la technologie génétique  
*p* interferona *f* humana produzida pelo  
procedimento genético-tecnológico
- 3230 human male is heterogametic**  
(Cyt.)  
(Cytogenetics; see entry: heterogametic.)  
*d* Mann *m* ist Geschlechtschromosomen  
verschieden  
*f* homme *m* est hétérogamétique  
*p* homem *m* é heterogâmico; homem *m* é  
heterógamo
- 3231 humid heat sterilization process**  
(Prod.)  
(Pharmaceutical technology. There are three  
humid processes: by boiling water action,  
action of vapour (steam) under pressure,  
discontinued water action by moderate  
temperature.)  
*d* Prozess *m* der Feuchtsterilisation  
*f* procédé *m* de la stérilisation humide  
*p* processo *m* de esterilização úmida
- \* humidification → 7023
- \* humidification agent → 7024
- \* humidification of the powder → 7025
- 3232 humidity; dampness; clamminess**  
(Prod.)  
(Pharmaceutical chemistry; moisture; ref. to a  
humid (moderate wet) condition.)  
*d* Feuchtigkeit *f*; Klamtheit *f*  
*f* humidité *f*  
*p* umidade *f*
- 3233 humidity of the granulate**  
(Prod.)  
(Pharmaceutical chemistry; ref. to tableting  
material.)

- d* Granulatsfeuchtigkeit *f*  
*f* humidité *f* du granulé  
*p* umidade *f* do granulado
- 3234 humidity value of the air**  
 (Prod.)  
 (Pharmaceutical technology; ref. to water contents of the air.)  
*d* Feuchtigkeitswert *m* der Luft  
*f* taux *m* d'humidité de l'air  
*p* taxa *f* de umidade do ar
- 3235 humid weight**  
 (Prod.)  
 (Pharmaceutical technology; ref. to product characteristic.)  
*d* Feuchtgewicht *n*  
*f* poids *m* humide  
*p* peso *m* úmido
- 3236 humoral allergic reaction**  
 (Med.)  
 (Ref. to anaphylaxis, widespread histamine release.)  
*d* humorale allergische Reaktion *f*  
*f* réaction *f* allergique humorale  
*p* reação *f* alérgica humoral
- 3237 humoral concentration of the antibiotic; concentration of the antibiotic in the body fluid**  
 (Ant.)  
 (Ref. to treatment observation in antibiotherapy.)  
*d* humorale Konzentration *f* des Antibiotikums; Konzentration *f* des Antibiotikums in den Körpersäften  
*f* concentration *f* humorale de l'antibiotique; concentration *f* de l'antibiotique dans des liquides organiques  
*p* concentração *f* humoral do antibiótico; concentração *f* do antibiótico nos fluidos corporais
- 3238 humour; body fluid**  
 (Anat.)  
 (Ref. etc. to bile, blood, hormonal secretions, lymph etc.)  
*d* Humor *m*; Körpersaft *m*  
*f* humeur *f*; liquide *m* du corps humain  
*p* humor *m*; líquido *m* do organismo humano
- \* **hyaloplasm** → 1709
- 3239 hybridization**  
 (Enz.)  
 (Biotechnology; crossbreed; offspring of different races, species etc.)
- d* Hybridisierung *f*; Hybridzüchtung *f*  
*f* hybridation *f*  
*p* hibridação *f*
- 3240 hybridization of an atom**  
 (Mol.)  
 (Ref. to geometric forms of orbitals; only those ones of the same atomic shell can undergo this process.)  
*d* Hybridisierung *f* eines Atoms  
*f* hybridation *f* d'un atome  
*p* hibridação *f* de um átomo
- 3241 hybrid orbitals**  
 (Mol.)  
 (Ref. to geometric forms of orbitals.)  
*d* Hybridorbitale *npl*  
*f* orbitales *fpl* hybrides  
*p* orbitais *mpl* híbridos
- 3242 hydration**  
 (Prod.)  
 (Pharmaceutical technology; process of linking water molecules on ions; hydration is the solvation process where the solvent is water.)  
*d* Hydratation *f*  
*f* hydratation *f*  
*p* hidratação *f*
- \* **hydration as additive reaction with water**  
 → 3243
- 3243 hydration as binding with water; hydration as additive reaction with water**  
 (Prod.)  
 (Pharmaceutical chemistry; combining water with organic compounds in the presence of catalyzers.)  
*d* Hydratisierung *f* als Wasseranlagerung  
*f* hydratation *f* comme combinaison avec d'eau; hydratation *f* comme réaction additive avec d'eau  
*p* hidratação *f* como combinação com água; hidratação *f* como reação aditiva com água
- 3244 hydration capacity**  
 (Mol.)  
 (Ref. to the addition of water to ions or to polar molecules.)  
*d* Hydratationsfähigkeit *f*  
*f* capacité *f* d'hydratation  
*p* capacidade *f* de hidratação
- 3245 hydraulic pressure**  
 (Prod.)  
 (Pharmaceutical processes; ref. to processing activities; ref. to water pressure.)

- d* hydraulischer Druck *m*  
*f* pression *f* hydraulique  
*p* pressão *f* hidráulica
- 3246 hydride**  
 (Prod.)  
 (Pharmaceutical chemistry; hydrogen compound with other elements.)  
*d* Hydrid *n*  
*f* hydrure *m*  
*p* hidreto *m*
- 3247 hydrocarbon compatibility**  
 (Prod.)  
 (Pharmaceutical technology.)  
*d* Kohlenwasserstoffverträglichkeit *f*  
*f* compatibilité *f* avec les hydrocarbures  
*p* compatibilidade *f* com hidrocarbonos
- 3248 hydrocarbons**  
 (Mol.)  
 (Chemical compounds, having only carbon (C) and hydrogen (H).)  
*d* Kohlenwasserstoffe *mpl*  
*f* hydrocarbures *mpl*  
*p* hidrocarbonos *mpl*
- 3249 hydrochlorination**  
 (Prod.)  
 (Pharmaceutical technology; chemical reaction where hydrogen chloride is added to multiple bonds.)  
*d* Hydrochlorierung *f*  
*f* hydrochlorination *f*  
*p* hidrocloração *f*
- 3250 hydrochlorination compound**  
 (Prod.)  
 (Pharmaceutical chemistry; e.g. see entry: hydrochlorination.)  
*d* Hydrochlorierungsverbindung *f*  
*f* combinaison *f* de hydrochlorination  
*p* composto *m* de hidrocloração
- 3251 hydrochlorothiazide**  
 (Prod.)  
 (C<sub>7</sub>H<sub>8</sub>ClN<sub>3</sub>O<sub>4</sub>S<sub>2</sub>; medicamentous substance; diuretic, see this entry.)  
*d* Hydrochlorothiazid *n*  
*f* hydrochlorothiacide *m*  
*p* hidroclorotiacida *f*
- 3252 hydrocortisone; cortisol**  
 (Horm.)  
 (Adrenal cortex steroid hormone.)  
*d* Hydrocortison *n*; Cortisol *n*  
*f* hydrocortisone *f*  
*p* hidrocortisona *f*
- 3253 hydrodealkylation**  
 (Mol.)  
 (Chemical process for splitting off lateral chains of aromatic rings in the presence of hydrogen.)  
*d* Hydrodealkylierung *f*  
*f* hydrodésalkylation *f*  
*p* hidrodésalquilação *f*
- 3254 hydrogen acceptor**  
 (Mol.)  
 (Ref. to H-ions acceptors.)  
*d* Hydrogenakzeptor *m*  
*f* accepteur *m* hydrogène  
*p* aceitador *m* de hidrogênio
- 3255 hydrogenated adj**  
 (Prod.)  
 (Pharmaceutical technology.)  
*d* hydriert  
*f* hydrogéné  
*p* hidrogenado
- 3256 hydrogenated castor oil**  
 (Vit.)  
 (Vitamin technology; additive (lubricant) in tableting processes of vitamin formulations.)  
*d* hydriertes Rizinusöl *n*  
*f* huile *f* de ricin hydrogénée  
*p* óleo *m* de rícino hidrogenado
- 3257 hydrogen bond**  
 (Mol.)  
 (Type of valency bond; see also entry: hydrogen bridge.)  
*d* Wasserstoffbindung *f*  
*f* liaison *f* hydrogène  
*p* ligação *f* de hidrogênio
- 3258 hydrogen bridge**  
 (Mol.)  
 (Type of valency bond; see also entry: hydrogen bond.)  
*d* Wasserstoffbrücke *f*  
*f* pont *m* hydrogène  
*p* ponte *f* de hidrogênio
- 3259 hydrogen bridge bond**  
 (Mol.)  
 (Molecular biology; ref. to a bond type between molecules, where one atom H is bound on an highly electronegative atom like O (oxygen) which captures this electron of the atom H nearly entirely.)  
*d* Wasserstoffbrückenbindung *f*  
*f* liaison *f* de pont hydrogène  
*p* ligação *f* de ponte de hidrogênio

- 3260 hydrogen-ion concentration**  
(Mol.)  
(Ref. to pH scale of acidity/alkalinity determination in solutions; the mole (mol) number H<sup>+</sup> in one litre of a solution.)  
*d* Wasserstoffionenkonzentration *f*  
*f* concentration *f* des ions d'hydrogène  
*p* concentração *f* de íons de hidrogênio
- 3261 hydrogen-ion potential; pH-value; pH**  
(Prod.)  
(Pharmaceutical technology; chemistry: measure of acidity and alkalinity of a solution.)  
*d* Wasserstoffionenpotential *n*; pH-Wert *m*; pH  
*f* potentiel *m* hydrogène; valeur *f* pH; pH  
*p* potencial *m* do hidrogênio; valor *m* pH; pH
- 3262 hydrogen isotopes**  
(Mol.)  
(Deuterium (D), heavy hydrogen; tritium (radioactive).)  
*d* Wasserstoffisotope *npl*  
*f* isotopes *mpl* d'hydrogène  
*p* isotopos *mpl* de hidrogênio
- 3263 hydrogen pair**  
(Enz.)  
(Enzymology; e.g. ref. e.g. to certain redox processes.)  
*d* Wasserstoff-Paar *n*  
*f* pair *m* d'hydrogène  
*p* par *m* de hidrogênio
- 3264 hydrogen peroxide**  
(Prod.)  
(H<sub>2</sub>O<sub>2</sub>; an antiseptic.)  
*d* Wasserstoffperoxid *n*; Wasserstoffsuperoxid *n*  
*f* peroxyde *m* d'hydrogène  
*p* peróxido *m* de hidrogênio
- 3265 hydrogen peroxide as oxidizing agent**  
(Prod.)  
(Pharmaceutical technology; antiseptic; H<sub>2</sub>O<sub>2</sub>, poisoning for the metabolism of bacteria; e.g. used for rinsing out the mucosa.)  
*d* Wasserstoffsuperoxid *n* als Oxidationsmittel  
*f* peroxyde *m* d'hydrogène comme de l'oxydant  
*p* peróxido *m* de hidrogênio como oxidante
- 3266 hydrogen peroxide initiator**  
(Prod.)  
(Pharmaceutical technology; auxiliary used in a certain type of polymerization process.)  
*d* Wasserstoffperoxid-Initiator *m*  
*f* initiateur *m* de peroxyde d'hydrogène  
*p* iniciador *f* de peróxido de hidrogênio
- 3267 hydrogen reduced form of NAD; NADH**  
(Enz.)  
(NAD: see entry.)  
*d* Wasserstoff-reduzierte Form *f* von NAD; NADH  
*f* forme *f* du NAD réduite par l'hydrogène; NADH  
*p* forma *f* reduzida pelo hidrogênio do NAD; NADH
- 3268 hydrogen reduced form of NADP; NADPH**  
(Enz.)  
(See entry NADP.)  
*d* Wasserstoff-reduzierte Form *f* von NADP; NADPH  
*f* forme *f* du NADP réduite par l'hydrogène; NADPH  
*p* forma *f* reduzida pelo hidrogênio do NADP; NADPH
- 3269 hydrogen-transfer**  
(Enz.)  
(Enzymology, ref. to certain coenzymes (NAD and NADP) and their activities in the body.)  
*d* Wasserstoff-Transfer *m*; Wasserstoff-Überführung *f*; Wasserstoff-Weitertransport *m*  
*f* transfert *m* de l'hydrogène  
*p* transferência *f* do hidrogênio
- 3270 hydrolases *pl***  
(Enz.)  
(Enzyme classification; hydrolytic enzyme, being able to hydrolyze substrates or to catalyze the inverse reaction.)  
*d* Hydrolasen *fpl*  
*f* hydrolases *fpl*  
*p* hidrolases *fpl*
- 3271 hydrolysis**  
(Mol.)  
(Chemical process ref. to splitting of covalent bonds by water; process catalyzed by enzymes, acids, bases; e.g. hydrolysis (saponification) of esters.)  
*d* Hydrolyse *f*  
*f* hydrolyse *f*  
*p* hidrólise *f*
- 3272 hydrolysis of antibiotics**  
(Ant.)  
(Ref. to decomposition of antibiotics by e.g. penicillinase; bacterial inactivation process against antibiotics.)  
*d* Hydrolyse *f* von Antibiotika  
*f* hydrolyse *f* des antibiotiques  
*p* hidrólise *f* dos antibióticos

- 3273 hydrolysis of dehydroascorbic acid**  
(Vit.)  
(Vitamin technology, undesirable phenomenon that may occur in vitamin C products, giving origin to furfural (see entry).)  
*d* Hydrolyse *f* von Dehydroascorbinsäure  
*f* hydrolyse *f* de déshydroacide ascorbique  
*p* hidrólise *f* de ácido deshidro ascórbico
- 3274 hydrolysis of medicinal drugs**  
(Prod.)  
(Pharmaceutical technology: hydrolysis is a reaction between the compound and water, under formation of a new product.)  
*d* Hydrolyse *f* von medizinischen Wirkstoffen  
*f* hydrolyse *f* des principes actifs  
*p* hidrólise *f* dos princípios ativos
- 3275 hydrolysis of the vitamin**  
(Vit.)  
(Vitamin technology: of calcium d-pantothenate, vitamin B<sub>5</sub> in alkaline or acid medium.)  
*d* Vitamin-Hydrolyse *f*  
*f* hydrolyse *f* de la vitamine  
*p* hidrólise *f* da vitamina
- 3276 hydrolytic enzyme**  
(Enz.)  
(Enzymology.)  
*d* hydrolytisches Enzym *n*  
*f* enzyme *m* hydrolytique  
*p* enzima *f* hidrolítica
- 3277 hydrolyzable – hydrolytic adj**  
(Prod.)  
(Pharmaceutical technology: 1. ref. to a product that can be broken down by hydrolysis; 2. ref. to a chemical process, a hydrolytic process.)  
*d* hydrolysierbar – hydrolytisch  
*f* hydrolysable – hydrolytique  
*p* hidrolisável – hidrolítico
- 3278 hydrophile hormones are bound to the transmembrane receptors**  
(Horm.)  
(Hydrophile hormones (see entry) cannot traverse the lipid layers of the plasmic membranes.)  
*d* hydrophile Hormone *npl* binden sich an die Transmembran-Rezeptoren  
*f* hormones *fpl* hydrophiles se lient à des récepteurs transmembranaires  
*p* hormônios *mpl* hidrófilos ligam-se aos receptores penetradores das membranas
- 3279 hydrophilic agent**  
(Prod.)  
(Pharmaceutical technology; auxiliary; e.g.: polyvinylpyrrolidone (PVP).)  
*d* Hydrophilierungsmittel *n*  
*f* hydrophilisant *m*  
*p* hidrófilizante *m*
- 3280 hydrophilic carrier**  
(Prod.)  
(Pharmaceutical technology: ref. to carriers e.g. of active principles in dispersions and/or solutions.)  
*d* hydrophiler Träger *m*; hydrophile Trägersubstanz *f*  
*f* véhicule *m* hydrophile  
*p* veículo *m* hidrófilo
- 3281 hydrophilic/hydrophobic hormone**  
(Horm.)  
(Hormone classification classes: hydrophilic: having water affinity; hydrophobic: lacking water affinity.)  
*d* hydrophiles/hydrophobes Hormon *n*  
*f* hormones *f* hydrophile/hydrophobe  
*p* hormônio *m* hidrófilo/hidrófobo
- \* **hydrophilicity** → 6985
- 3282 hydrophilic polymer**  
(Prod.)  
(Pharmaceutical technology. ref. to material characteristic: polyvinylpyrrolidone (PVP).)  
*d* hydrophiles Polymer *n*  
*f* polymère *m* hydrophile  
*p* polímero *m* hidrófilo
- 3283 hydrophilic substance portion**  
(Prod.)  
(Pharmaceutical technology; substance characteristic.)  
*d* hydrophiler Substanzanteil *m*  
*f* portion *f* hydrophile de la substance; partie *f* hydrophile de la substance  
*p* parte *f* hidrófila da substância
- 3284 hydrophilic vitamins**  
(Vit.)  
(Vitamin technology; water-soluble vitamins; insoluble in oils.)  
*d* hydrophile Vitamine *npl*  
*f* vitamines *fpl* hydrophiles  
*p* vitaminas *fpl* hidrófilas
- 3285 hydrophilization of insoluble drugs**  
(Prod.)  
(Ref. to pharmaceutical processes.)  
*d* Hydrophilisierung *f* von unlöslichen Medikamenten

- f* hydrophylisation *f* de médicaments insolubles  
*p* hidrofilição *f* de medicamentos insolúveis
- 3286 hydrophilization properties**  
 (Prod.)  
 (Pharmaceutical technology; characteristics of certain auxiliaries in processes.)  
*d* Hydrophilierungseigenschaften *fpl*  
*f* propriétés *fpl* de hydrophylisation  
*p* propriedades *fpl* de hidrofilição
- 3287 hydrophobe hormones are bound to the intracellular receptors**  
 (Horm.)  
 (Hydrophobe hormones traverse the lipidic layers of the plasmic membranes.)  
*d* hydrophobe Hormone *npl* binden sich an die intrazellulären Rezeptoren  
*f* hormones *fpl* hydrophobes se lient à des récepteurs intracellulaires  
*p* hormônios *mpl* hidrófobos ligam-se aos receptores intracelulares
- 3288 hydrophobic active ingredient**  
 (Prod.)  
 (Pharmaceutical technology.)  
*d* hydrophober Wirkstoff *m*  
*f* principe *m* actif hydrophobe  
*p* substância *f* ativa hidrófoba
- 3289 hydrophobic liquids**  
 (Prod.)  
 (Pharmaceutical chemistry; product characteristics; lacking affinity for water; e.g. ref. to solvents.)  
*d* hydrophobe Flüssigkeiten *fpl*  
*f* liquides *mpl* hydrophobes  
*p* líquidos *mpl* hidrófobos
- 3290 hydrophobic solvent**  
 (Prod.)  
 (Pharmaceutical technology; solvent type.)  
*d* hydrophobes Lösungsmittel *n*  
*f* solvant *m* hydrophobe  
*p* solvente *m* hidrófobo
- 3291 hydrophobic substance portion**  
 (Prod.)  
 (Pharmaceutical technology; substance characteristic.)  
*d* hydrophober Substanzanteil *m*  
*f* portion *f* hydrophobe de la substance; partie *f* hydrophobe de la substance  
*p* parte *f* hidrófoba da substância
- 3292 hydrophobic tablet core**  
 (Prod.)  
 (Pharmaceutical technology; tablet production.)  
*d* hydrophober Tablettenkern *m*  
*f* noyau *m* hydrophobe de comprimés  
*p* núcleo *m* hidrófobo de comprimido
- 3293 hydrophylic liquids**  
 (Prod.)  
 (Pharmaceutical chemistry; product characteristics; having affinity for water: e.g. ref. to solvents, the water itself.)  
*d* hydrophile Flüssigkeiten *fpl*  
*f* liquides *mpl* hydrophiles  
*p* líquidos *mpl* hidrófilas
- 3294 hydrophylic solvent**  
 (Prod.)  
 (Pharmaceutical technology; solvent type; e.g. water.)  
*d* hydrophiles Lösungsmittel *n*  
*f* solvant *m* hydrophile  
*p* solvente *m* hidrófilo
- 3295 hydrosodic equilibrium of the blood**  
 (Horm.)  
 (Regulated by various hormones in processes of complementary activity (e.g. vasopressin, ADH, =antidiuretic hormone etc).)  
*d* Wasser/Natrium-Gleichgewicht *n* des Blutes  
*f* équilibre *m* hydrosodé du sang  
*p* equilibrio *m* hidrossódico do sangue
- 3296 hydrosoluble drug**  
 (Prod.)  
 (Pharmaceutical technology; product characteristic.)  
*d* wasserlösliches Medikament *n*  
*f* médicament *m* hydrosoluble  
*p* medicamento *m* hidrossolúvel
- 3297 hydrostatic pressure; fluid pressure**  
 (Prod.)  
 (Pharmaceutical processes; ref. to processing activities; ref. to fluid pressure.)  
*d* hydrostatischer Druck *m*  
*f* pression *f* hydrostatique  
*p* pressão *f* hidrostática
- \* **hydrotic** → 1893
- 3298 hydroxide**  
 (Vit.)  
 OH  
*d* Hydroxid *n*  
*f* hydroxyde *m*  
*p* hidróxido *m*

- 3299 hydroxide form**  
(Vit.)  
*d* Hydroxidform *f*  
*f* forme *f* hydroxyde  
*p* forma *f* de hidróxido
- 3300 hydroxide radical**  
(Vit.)  
(OH; in vitamin biochemistry, e.g. compound containing the group -OH (hydroxyl group) bound to a metal atom.)  
*d* Hydroxidradikal *n*  
*f* radical *m* de l'hydroxyde  
*p* radical *m* do hidróxido
- 3301 hydroxocobalamin**  
(Vit.)  
(Vitamin technology; a vitamin B<sub>12</sub> derivative, esp. used in liquid vitamin B<sub>12</sub> formulations.)  
*d* Hydroxocobalamin *n*  
*f* hydroxocobalamine *f*  
*p* hidroxocobalamina *f*
- 3302 hydroxylated** *adj*  
(Horm.)  
(Hydroxylation means the introduction of hydroxyl (OH ion); in this case ref. to syntheses phases of certain hormones.)  
*d* hydroxyliert  
*f* hydroxylé  
*p* hidroxilado
- 3303 hydroxylation process**  
(Mol.)  
(Ref. to the introduction of a hydroxyl, i.e. the chemical OH group, having one hydrogen- and one oxygen atom.)  
*d* Hydroxylierungsprozess *m*  
*f* processus *m* de l'hydroxylation  
*p* processo *m* de hidroxilação
- 3304 hydroxyl radical**  
(Vit.)  
(Vitamin/enzyme biochemistry.)  
*d* Hydroxylradikal *n*  
*f* radical *m* hydroxyle  
*p* radical *m* hidroxila
- 3305 hygroscopic** *adj*  
(Prod.)  
(Pharmaceutical chemistry, ref. to easily water-uptaking property of a substance.)  
*d* wasseranziehend; hygroskopisch  
*f* hygroscopique  
*p* higroscópico
- 3306 hygroscopicity**  
(Prod.)  
(Pharmaceutical chemistry; ref. to moisture retention capacity of a substance.)  
*d* Hygroskopizität *f*  
*f* hygroscopicité *f*  
*p* higroscopicidade *f*
- 3307 hygroscopicity of a vitamin powder mixture**  
(Vit.)  
(Vitamin technology; moisture retention capacity of the powder in vitamin tablet production (compression).)  
*d* Hygroskopizität *f* einer Vitamin-Pulvermischung  
*f* hygroscopicité *f* d'un mélange de poudre vitaminique  
*p* higroscopicidade *f* de uma mistura de pó de vitaminas
- 3308 hygroscopic principles**  
(Prod.)  
(Pharmaceutical processes. These substances bring about conservation troubles when in contact with atmospheric humidity.)  
*d* hygroskopische Wirkstoffe *mpl*  
*f* principes *mpl* hygroscopiques  
*p* princípios *mpl* higroscópicos
- 3309 hygroscopic white powder**  
(Vit.)  
(Product characteristic of certain vitamin powders.)  
*d* hygroskopisches weißes Pulver *n*  
*f* poudre *f* blanche hygroscopique  
*p* pó *m* branco higroscópico
- 3310 hyoscyamine**  
(Phyto.)  
(l-hyoscyamine; C<sub>17</sub>H<sub>23</sub>O<sub>3</sub>; medicamentous substance from: "Hyoscyamus niger L." used in its hydrochloride form, e.g. parasympatholytic agent, in parkinsonism; motion sickness prophylaxis.)  
*d* Hyoscyamin *n*  
*f* hyoscyamine *f*  
*p* hioscíama *f*
- 3311 hyoscyamus; henbane**  
(Phyto.)  
( "Hyoscyamus niger L.", medicamentous substance: hyoscyamine hydrochloride (C<sub>17</sub>H<sub>23</sub>NO<sub>3</sub>.HCl); parasympatholytic agent, sedative etc.)  
*d* Bilsenkraut *n*  
*f* jusquiame *f* noire; herbe *f* des chevaux; herbe *f* aux poules  
*p* meimendro *m*; hioscíamo *m*; velenho *m*

- 3312 hyoscyamus emplastrum**  
(Prod.)  
(Pharmaceutical technology; pharmaceutical form for cutaneous application (application on the skin), analgesic in neuralgia.)  
*d* Bilsenkraut-Heilpflaster *n*  
*f* emplâtre *m* de jusquiame  
*p* emplastro *m* de hiosciamio
- 3313 hypercholesterolemia reducing factor**  
(Vit.)  
(Vitamin physiology; e.g. ref. to vitamin PP (niacin, nicotinic acid); see entry.)  
*d* Hypercholesterin *f* verringernder Faktor  
*f* facteur *m* hypocholestérolémiant  
*p* fator *m* redutor da hipercolesterolemia
- \* **hyperfiltration** → 5471
- 3314 hypersensitivity reaction; reaction of excessive sensitivity**  
(Pharm.)  
(Pharmacodynamics; ref. e.g. to vitamin C-ascorbic acid-activity, on histamine metabolism.)  
*d* Reaktion *f* von Hypersensibilität; Überempfindlichkeitsreaktion *f*  
*f* réaction *f* de hypersensibilité; réaction *f* d'une sensibilité excessive  
*p* reação *f* de hipersensibilidade; reação *f* de uma sensibilidade excessiva
- 3315 hypersensitivity to medicamentous substances**  
(Pharm.)  
(Pharmacodynamics; ref. to allergic reaction, see this entry.)  
*d* Arzneimittelüberempfindlichkeit *f*  
*f* hypersensibilité *f* à des substances médicamenteuses  
*p* hipersensibilidade *f* às substâncias medicamentosas
- 3316 hyperstimulation of the thyroid gland; excessive stimulation of the thyroid gland**  
(Med.)  
(Goitre: thyroid gland enlargement.)  
*d* Hyperstimulierung *f* der Schilddrüse; übermäßige Anregung *f* der Schilddrüse  
*f* hyperstimulation *f* de la thyroïde; stimulation *f* excessive de la thyroïde  
*p* hiperestimulação *f* da tireóide; estimulação *f* excessiva da tireóide
- 3317 hypertension**  
(Med.)  
(Ref. to high blood pressure (of the arterial blood).)  
*d* Bluthochdruck *m*  
*f* hypertension *f* artérielle  
*p* hipertensão *f* arterial
- 3318 hypertonic medicamentous solution**  
(Prod.)  
(Pharmaceutical technology; characteristic of a solution which has a greater osmotic pressure than another one (e.g. compared with the human blood serum).)  
*d* hypertonische medikamentöse Lösung *f*  
*f* solution *f* médicamenteuse hypertonique  
*p* solução *f* medicamentosa hipertônica
- 3319 hyperuricemia**  
(Med.)  
(Excess of uric acid in the blood. See entry: gout. Treatment with colchicine, from meadow saffron.)  
*d* Hyperurikämie *f*  
*f* hyperuricémie *f*  
*p* hiperuricemia *f*
- 3320 hypervitaminosis**  
(Vit.)  
(Excessive vitamin intake: fat-soluble vitamins, taken in excess, are toxic.)  
*d* Hypervitaminose *f*  
*f* hypervitaminose *f*  
*p* hipervitaminose *f*
- 3321 hypnotic; soporific**  
(Prod.)  
(Ref. to sleeping pills (tablets): a sleep inducing drug.)  
*d* Hypnotikum *n*; Schlafmittel *n*  
*f* soporifique *m*; hypnotique *m*; somnifère *m*; médicament *m* hypnotique  
*p* hipnótico *m*; sonífero *m*; soporífero *m*
- 3322 hypocalcemic hormone**  
(Horm.)  
(See calcitonin: thyrocalcitonin; a polypeptide thyroid gland hormone having phosphate- and calcium-decreasing activity.)  
*d* hypocalcämierendes Hormon *n*  
*f* hormone *f* hypocalcémiant  
*p* hormônio *m* hipocalcemiante
- 3323 hypodermic administering of a pharmaceutical form**  
(Med.)  
(“Way of administering a pharmaceutical form”, see entry; by injection beneath the skin.)  
*d* unter die Haut zu verabreichende pharmazeutische Form *f*



- f* administration *f* hypodermique d'une forme pharmaceutique  
*p* via *f* hipodérmica de administrar uma forma farmacéutica
- 3324 hypofunction of hormonal glands**  
 (Horm.)  
 (Turning necessary the administration of hormones as medicaments in therapy.)  
*d* Unterfunktion *f* von Hormondrüsen  
*f* hypofonction *f* des glandes hormonales  
*p* hipofunção *f* das glândulas hormonais
- 3325 hypoglyc[a]emic action**  
 (Pharm.)  
 (Pharmacodynamics; ref. to certain antidiabetics.)  
*d* hypoglykämische Wirkung *f*;  
 blutzuckersenkende Wirkung *f*  
*f* hypoglycémique effet *m*  
*p* efeito *m* hipoglicemiante
- 3326 hypoglyc[a]emic hormone; blood sugar decreasing hormone**  
 (Horm.)  
 (See entry: insulin.)  
*d* blutzuckersenkendes Hormon *n*;  
 hypoglykämisches Hormon *n*  
*f* hypoglycémique hormone *f*; hormone *f*  
 réductrice du taux de glucose du sang  
*p* hormônio *m* hipoglicemiante; hormônio *m*  
 redutor do açúcar do sangue
- 3327 hypokal[a]emia**  
 (Med.)  
 (Potassium deficiency in the blood, e.g. caused during treatment with saluretics (see this entry).)  
*d* Hypokaliämie *f*  
*f* hypokaliémie *f*  
*p* hipocalemia *f*
- \* **hypomagnesemia induced by diuretics** → 1755
- 3328 hyonatr[a]emia**  
 (Med.)  
 (Hyponatremia (deficiency of sodium salts in the blood) could eventually be induced by diuretics.)  
*d* Hyponaträmie *f*  
*f* hyponatrémie *f*  
*p* hiponatremia *f*
- 3329 hypophyseal lactation inducing hormone**  
 (Horm.)  
 (See entry: prolactin (PRL) and lactogenic hormone.)
- d* Laktation *f* auslösendes Hypophysen-Hormon; Milchabsonderung *f* auslösendes Hypophysen-Hormon  
*f* hormone *f* hypophysaire déclenchante la lactation  
*p* hormônio *m* pituitário provocando a lactação
- 3330 hypophysis**  
 (Anat.)  
 (Pituitary gland; secretes a great variety of hormones, e.g. ACTH, growth hormone etc.)  
*d* Hypophyse *f*; Hirnanhangsdrüse *f*  
*f* hypophyse *f*  
*p* hipófise *f*
- 3331 hypoprotein[a]emia; protein depletion**  
 (Med.)  
 (Decrease of blood protein contents; consequence: oedema and susceptibility to infections.)  
*d* Hypoproteinämie *f*; Proteindezimierung *f*  
*f* hypoprotéinémie *f*; déplétion *f* protéique  
*p* hipoproteinemia *f*; depleção *f* protéica
- 3332 hypotensive effect**  
 (Pharm.)  
 (Pharmacodynamics; pharmacological characteristic of a drug.)  
*d* blutdrucksenkende Wirkung *f*  
*f* effet *m* hypotensif  
*p* efeito *m* hipotensivo
- 3333 hypothalamic hormone**  
 (Horm.)  
 (E.g.: the Thyrotrop[h]in Releasing Hormone (thyroliberin, TRH).)  
*d* Hormon *n* des Hypothalamus  
*f* hormone *f* hypothalamique  
*p* hormônio *m* hipotalâmico
- 3334 hypothalamic-hypophyseal complex**  
 (Horm.)  
 (Complex containing the endocrine regulation system.)  
*d* Hypothalamus-Hypophysen-Komplex *m*  
*f* complexe *m* hypothalamo-hypophysaire;  
 complexe *m* hypothalamique-hypophysaire  
*p* complexo *m* hipotalâmico-pituitário
- 3335 hypothalamus**  
 (Anat.)  
 (Forebrain region, linked with the thalamus (grey matter) and the pituitary gland (hypophysis); control-centre of body functions and hormonal functions.)  
*d* Hypothalamus *m*  
*f* hypothalamus *m*  
*p* hipotálamo *m*

**3336 hypotonic medicamentous solution**

(Prod.)

(Pharmaceutical technology; characteristic of a solution which has a lower osmotic pressure than another one (e.g. compared with the human blood serum).)

*d* hypotonische medikamentöse Lösung *f**f* solution *f* médicamenteuse hypotonique*p* solução *f* medicamentosa hipotônica**3337 hypovitaminosis**

(Vit.)

(Vitamin deficiency: beriberi: vitamin B<sub>1</sub> (thiamine) deficiency; scurvy: vitamin C deficiency; pellagra: nicotinic acid (vitamin B complex) deficiency; rickets: vitamin D deficiency.)

*d* Hypovitaminose *f**f* hypovitaminose *f**p* hipovitaminose *f*

## I

- 3338 ideal gas; perfect gas**  
(Prod.)  
(Pharmaceutical technology; ref. to a hypothetical gas, the limit state of matter.)  
*d* ideales Gas *n*  
*f* gaz *m* idéal; gaz *m* parfait  
*p* gás *m* ideal; gás *m* perfeito
- 3339 identical *adj* to the natural product**  
(Vit.)  
(Vitamin technology; ref. to the origin of the vitamin, i.e. of natural origin (plant extracts) or synthetically obtained (synthesized).)  
*d* identisch mit dem natürlichen Produkt  
*f* identique au produit naturel  
*p* idêntico ao produto natural
- 3340 identical *adj* to the natural substance**  
(Prod.)  
(Pharmaceutical technology, synthetic product characteristic.)  
*d* identisch mit der natürlichen Substanz  
*f* identique à la substance naturelle  
*p* idêntico com a substância natural
- 3341 identification by ash determination**  
(Homoeop.)  
(Hom[o]eopathic analysis process of medicinal plants and their (unknown) active principles.)  
*d* Identifikation *f* durch die Bestimmung der Asche  
*f* identification *f* par la détermination des cendres  
*p* identificação *f* pela determinação das cinzas
- 3342 identification by inert fibre material**  
(Homoeop.)  
(Hom[o]eopathic analysis process of medicinal plants and their (unknown) active principles.)  
*d* Identifikation *f* durch die Bestimmung des Ballast-Materials  
*f* identification *f* par la détermination des substances de ballast; identification *f* par la détermination des fibres inertes  
*p* identificação *f* pela determinação das fibras inertes
- 3343 identification methods of the pharmacop[ole]ia**  
(Prod.)  
(Pharmaceutical technology; ref. to control operations.)  
*d* Identifizierungsmethoden *fpl* des Arzneibuches  
*f* méthodes *mpl* d'identification de la pharmacopée  
*p* métodos *mpl* de identificação da farmacopéia
- 3344 identification of a medicamentous molecule by its reception site**  
(Mol.)  
(Ref. to the activity of the drug principle on molecular basis.)  
*d* Erkenntwerden *n* eines medikamentösen Moleküls durch seinen Aufnahmeort  
*f* reconnaissance *f* d'une molécule médicamenteuse par son siège récepteur  
*p* reconhecimento *m* de uma molécula medicamentosa por seu local receptor
- 3345 identification of the pathogen for antibiotherapy**  
(Ant.)  
(In research, treatment etc.)  
*d* Identifikation *f* eines Krankheitserregers für die Antibiotherapie; Identifizierung *f* eines Krankheitserregers für die Antibiotherapie  
*f* identification *f* d'un agent pathogène pour l'antibiothérapie  
*p* identificação *f* de um agente patogênico para a antibioterapia
- 3346 identification reaction**  
(Prod.)  
(Fine chemical technology; reaction process.)  
*d* Bestimmungsreaktion *f*  
*f* réaction *f* d'identification  
*p* reação *f* de identificação
- 3347 identify *v* the active principles of the compound**  
(Prod.)  
(Pharmaceutical technology; ref. to research, control processes etc.)  
*d* Wirkstoffe der Verbindung bestimmen  
*f* identifier les principes actifs du composé  
*p* identificar os princípios ativos do composto
- 3348 idiopathic headache**  
(Med.)  
(Caused e.g. by psychic influences and unknown phenomena.)  
*d* idiopathischer Kopfschmerz *m*  
*f* mal *m* de tête idiopathique  
*p* dor *f* de cabeça idiopática

- 3349 imbibition by adsorption of a medicamentous substances**  
(Homoeop.)  
(Hom[o]eopathy; elaboration of hom[o]eopathic forms on neutral saccharose basis (globules and granules).)  
*d* Durchtränkung *f* durch Adsorption mit medikamentösen Stoffen  
*f* imbibition *f* par adsorption de substances médicamenteuses  
*p* embebição *f* por adsorção com substâncias medicamentosas
- 3350 imidazole compound**  
(Prod.)  
(Pharmaceutical chemistry; e.g. base of an antimycotic: broad-spectrum antimycotics.)  
*d* Imidazol-Verbindung *f*  
*f* composé *f* d'imidazole  
*p* composto *m* imidazólico
- 3351 immediate administration of medicaments**  
(Med.)  
(Direct administration of medicinal drugs (directly into tissue).)  
*d* unmittelbare Medikamentenverabreichung *f*; direkte Medikamentenverabreichung *f*  
*f* administration *f* immédiate des médicaments; administration *f* directe des médicaments  
*p* administração *f* imediata dos medicamentos; administração *f* direta dos medicamentos
- 3352 immediate precursor**  
(Vit.)  
(Vitamin precursor = provitamin.)  
*d* unmittelbarer Vorläufer *m*; unmittelbares Vorprodukt *n*  
*f* précurseur *m* immédiat  
*p* precursor *m* imediato
- 3353 immediate vitamin precursor**  
(Vit.)  
(Vitamin biochemistry; ref. to provitamins.)  
*d* unmittelbare Vitamin-Vorstufe *f*  
*f* précurseur *m* immédiat de vitamine  
*p* precursor *m* imediato de vitamina
- 3354 immersion of the tablet into a bath**  
(Prod.)  
(Pharmaceutical processes; ref. to tablet coating processes.)  
*d* Eintauchen *n* der Tablette in ein Bad  
*f* immersion *f* du comprimé dans un bain  
*p* imersão *f* do comprimido num banho
- 3355 immersion operation**  
(Prod.)  
(Pharmaceutical processes; ref. to tablet coating processes)
- d* Eintauchverfahren *n*  
*f* opération *f* d'immersion  
*p* operação *f* de imersão
- 3356 immune adj**  
(Med.)  
(Protected against a specific disease by specific antibodies, as to antigen-antibody reaction.)  
*d* immun  
*f* immune  
*p* imune
- 3357 immune protein**  
(Enz.)  
(Protein types, ref. to immunology.)  
*d* Immunprotein *n*  
*f* immunoprotéine *f*; protéine *f* immunisante  
*p* imunoproteína *f*
- \* **immune reaction to supplemental vitamins**  
→ 3358
- 3358 immune response to supplemental vitamins; immune reaction to supplemental vitamins**  
(Vit.)  
(Vitamin technology in human nutrition.)  
*d* Immunreaktion *f* bei Vitaminsupplementierung  
*f* immunoréponse *f* à la supplémentation vitaminique; immunoréaction *f* à la supplémentation vitaminique  
*p* resposta *f* imune à suplementação vitamínica; imunorreação *f* à suplementação vitamínica
- 3359 immune system**  
(Med.)  
(The whole of cells destined for guaranteeing the immune response of the organism against an antigen.)  
*d* Immunsystem *n*  
*f* système *m* immunitaire  
*p* sistema *m* imunológico
- 3360 immune system stimulation**  
(Vit.)  
(Supposed effect of the activity of fat-soluble vitamins.)  
*d* Immunsystemstimulierung *f*; Anregung *f* des Immunsystems  
*f* stimulation *f* du système immunitaire; stimulation *f* immunitaire  
*p* estimulação *f* do sistema imunológico
- \* **immune system stimulation by ascorbic acid** → 3361

- 3361 immune system stimulation by vitamin C; immune system stimulation by ascorbic acid**  
(Vit.)  
(Vitamin physiology; vitamin C activity in the prevention/treatment of infections.)
- d* Immunsystemstimulierung *f* durch Vitamin C; Anregung *f* des Immunsystems durch Ascorbinsäure
- f* stimulation *f* immunitaire par vitamine C; stimulation *f* immunitaire par l'acide ascorbique
- p* estimulação *f* do sistema imunológico pela vitamina C; estimulação *f* do sistema imunológico pela ácido ascórbico
- 3362 immunity; resistance against pathogens**  
(Med.)  
(Due to antibodies and white blood cells.)
- d* Immunität *f*; Unempfanglichkeit *f* für Krankheitserreger
- f* immunité *f*; résistance *f* aux agents pathogènes
- p* imunidade *f*; resistência *f* aos agentes patogênicos
- 3363 immunization**  
(Pharm.)  
(By artificial methods: e.g. vaccination.)
- d* Immunisierung *f*
- f* immunisation *f*
- p* imunização *f*
- 3364 immunizing substance**  
(Prod.)  
(Antigen-antibody-reaction stimulating active principle; see also: vaccination and vaccine.)
- d* Immunisierungssubstanz *f*; immunisierende Substanz *f*
- f* substance *m* immunisante
- p* substância *f* imunizadora; substância *f* imunizante
- 3365 immunodepressive action; immunosuppressive action**  
(Pharm.)  
(Action of drugs against immune reactions in certain allergies, e.g. in allergic reactions against transplanted organs.)
- d* immunsuppressive Wirkung *f*
- f* action *f* immunodépressive; action *f* immunosuppressive
- p* ação *f* imunodepressora; ação *f* imunossupressora
- 3366 immunoglobulins**  
(Enz.)  
(Enzymology; an active protein-type, antitoxins.)
- d* Immunoglobuline *npl*
- f* immunoglobulines *fpl*
- p* imunoglobulinas *fpl*
- 3367 immunological hypersensitivity reaction**  
(Med.)  
(A toxic side-effect, allergic effect.)
- d* immunologische Überempfindlichkeitsreaktion *f*
- f* réaction *f* de hypersensibilité immunologique
- p* reação *f* de hipersensibilidade imunológica
- 3368 immunologic inhibition of bacteria**  
(Pharm.)  
(Immune system reaction subsequent to immunization.)
- d* immunologische Hemmung *f* von Bakterien
- f* inhibition *f* immunologique des bactéries
- p* inibição *f* imunológica das bactérias
- 3369 immunology**  
(Med.)  
(Ref. to the research of immunity phenomena.)
- d* Immunologie *f*
- f* immunologie *f*
- p* imunologia *f*
- 3370 immunoreaction**  
(Med.)  
(Ref. to the immune system (see this entry), reaction to particular antigens.)
- d* Immunreaktion *f*
- f* immunoréaction *f*
- p* imunorreação *f*
- 3371 immuno-stimulant**  
(Prod.)  
(Pharmaceutical; e.g. vaccines; nonspecific stimulator of the immune system.)
- d* Anreger *m* des Immunisierungssystems
- f* immunostimulant *m*
- p* imunoestimulante *m*
- \* immunosuppressive action → 3365
- \* immunosuppressive drugs → 3372
- 3372 immunosuppressives; immunosuppressive drugs**  
(Prod.)  
(Ref. to suppression of the immune system, e.g. in treatment of autoimmune diseases, also: protection for the transplanted organ.)
- d* Immunsuppressiva *npl*; immunsuppressive Arzneimittel *npl*

- f* immunosuppressores *mpl*;  
immunodépresseurs *mpl*
- p* immunossuppressores *mpl*;  
imunodepressores *m*
- 3373 impermeable film**  
(Prod.)  
(Pharmaceutical technology; ref. to tablet coating types for several purposes: e.g. against gastric acid.)
- d* undurchlässiger Film *m*
- f* pellicule *f* imperméable
- p* película *f* impermeável
- 3374 implant; pellet**  
(Prod.)  
(Substance as, e.g. a medicinal drug, inserted into the skin.)
- d* Implantat *n*; eingepflanztes Präparat *n*
- f* implant *m*; pellet *m*
- p* implante *m*
- \* **implantation** → 4345
- 3375 implantation**  
(Med.)  
(The process of implanting, e.g. a medicinal drug.)
- d* Einpflanzung *f*
- f* implantation *f*
- p* implantação *f*
- 3376 implantation inhibition for the zygote**  
(Horm.)  
(Nidation inhibition of the fertilized ovum: contraceptive measure by means of synthetic hormones: gestagens/estrogens.)
- d* Einnistungshemmung *f* für die Zygote
- f* inhibition *f* de l'implantation pour le zygote
- p* inibição *f* da implantação para o zigoto
- 3377 implantation of the ovum in the mucosa of the uterus**  
(Horm.)  
(Nidation; implantation; see this entry.)
- d* Einnistung *f* des befruchteten Eies in der Gebärmutterschleimhaut; Sicheinbetten *n* des befruchteten Eies in der Gebärmutterschleimhaut
- f* implantation *f* de l'œuf fécondé dans la muqueuse utérine
- p* implantação *f* do óvulo fecundado na mucosa uterina
- 3378 implant tablet; tablet for implantation**  
(Prod.)  
(Pharmaceutical technology; also: pellet, used as an implant.)
- d* Implantatstabelle *f*; Tablette *f* zur Implantation
- f* comprimé *m* d'implant; comprimé *m* pour implantation
- p* comprimido *m* de implante; comprimido *m* para implantação
- 3379 impregnate v a tablet superficially by immersion**  
(Prod.)  
(Pharmaceutical processes; ref. to tablet coating processes.)
- d* Tablette oberflächlich durch Eintauchen imprägnieren
- f* enduire un comprimé superficiellement par immersion
- p* impregnar o comprimido superficialmente por imersão
- 3380 impregnate v the tablet with a gelatin[e] layer**  
(Prod.)  
(Pharmaceutical processes; acid-proof tablet treatment for "intestinal passage", see entry.)
- d* Tablette mit einer Gelatineschicht imprägnieren
- f* enduire un comprimé d'une couche de gélatine; imprégner un comprimé d'une couche de gélatine
- p* impregnar o comprimido com uma camada de gelatina
- 3381 impregnation of the hom[o]eopathic granules**  
(Homoeop.)  
(Hom[o]eopathic notions; ref. to agitation processes, where the inert saccharose granules are impregnated by the dilutions of the medicamentous hom[o]eopathic substance.)
- d* Imprägnierung *f* des homöopathischen Granulates
- f* imprégnation *f* des granules homéopathiques
- p* impregnação *f* dos grânulos homeopáticos
- 3382 improve v compression properties of medicamentous powders**  
(Prod.)  
(Pharmaceutical processes; improvement by addition of auxiliaries; ref. to powders destined for compression; in tablet production; see entry "tablet: a pharmaceutical preparation of solid consistency".)
- d* Verpressungsseigenschaften medikamentöser Pulver verbessern
- f* améliorer la propriété des poudres médicamenteuses à la compression
- p* melhorar a propriedade dos pós medicamentosos para a compressão

- 3383 improvement of dissolution of medicinal drugs**  
(Prod.)  
(Pharmaceutical technology.)  
*d* Verbesserung *f* der Löslichkeit von Arzneimitteln  
*f* amélioration *f* de la dissolution des médicaments  
*p* melhoramento *m* da dissolução de medicamentos
- 3384 improver of vitamin stability**  
(Vit.)  
(Vitamin technology; e.g. ref. to certain polyvinylpyrrolidone types (PVP types).)  
*d* Vitaminstabilitäts-Verbesserer *m*  
*f* améliorant *m* de la stabilité des vitamines  
*p* melhorador *m* da estabilidade das vitaminas
- 3385 impurities**  
(Prod.)  
(Pharmaceutical technology.)  
*d* Fremdstoffe *mpl*; Unreinheiten *fpl*  
*f* impurités *fpl*  
*p* impurezas *fpl*
- 3386 inactivate v a vitamin**  
(Vit.)  
(Vitamin physiology; e.g. ref. to vitamin antagonists.)  
*d* ein Vitamin unwirksam machen  
*f* inactiver une vitamine  
*p* inativar uma vitamina
- 3387 inactivation of an antibiotic by enzymatic means**  
(Ant.)  
(Ref. to biochemical bacterial mechanism; see this entry; bacterial resistance mechanisms.)  
*d* Inaktivierung *f* eines Antibiotikums auf enzymatischem Wege; Unwirksammachung *f* eines Antibiotikums auf enzymatischem Wege  
*f* inactivation *f* d'un antibiotique par voie enzymatique  
*p* inativação *f* de um antibiótico por via enzimática
- 3388 inactivation of the carbon oxide by vitamin C**  
(Vit.)  
(Vitamin physiology; vitamin C inactivating free radicals.)  
*d* Inaktivierung *f* des Kohlenoxids durch Vitamin C; Unwirksammachen *n* des Kohlenoxids durch Vitamin C  
*f* inactivation *f* de l'oxyde de carbone par la vitamine C  
*p* inativação *f* do óxido de carbono pela vitamina C
- 3389 inactivation of the glucogen synthase**  
(Horm.)  
(Ref. to the opposite activity of glucagon and insulin in the control of glyc[a]emia.)  
*d* Inaktivierung *f* der Glykogen-Synthase  
*f* inactivation *f* de la glycogène synthétase; inactivation *f* de la glycogène synthase  
*p* inativação *f* da sintase do glicogénio
- 3390 inactivation of the trace metal**  
(Prod.)  
(Pharmaceutical technology; e.g. inactivation by chelate formations.)  
*d* Inaktivierung *f* von dem Spuren-Metall  
*f* inactivation *f* du métal-trace  
*p* inativação *f* do micrometalo
- 3391 inactive form of angiotensin**  
(Horm.)  
(See entry: angiotensin converting enzyme.)  
*d* inaktive Form *f* von Angiotensin  
*f* forme *f* inactive de l'angiotensine  
*p* forma *f* inativa de angiotensina
- 3392 inactivity zone of an active principle**  
(Prod.)  
(Pharmaceutical technology; ref. to drug concentration on the level of its substrate; toleration range: maximum therapeutic-non-toxic and a minimum therapeutic-but still active.)  
*d* Zone *f* der Wirkungslosigkeit eines Wirkstoffes  
*f* zone *f* d'inactivité d'un principe actif  
*p* zona *f* de inatividade de um princípio ativo
- 3393 inadequate penicillin permeability of the bacterial wall**  
(Ant.)  
(Inactivation of penicillin activity: bacterial resistance.)  
*d* ungenügende Penicillindurchlässigkeit *f* der Bakterienwand  
*f* perméabilité *f* insuffisante de la paroi bactérienne à la pénicilline  
*p* permeabilidade *f* à penicilina inadequada da parede bacteriana
- 3394 inapplicability of a procedure**  
(Prod.)  
(Pharmaceutical processes; ref. to a process not applicable under certain circumstances, at the present moment, due to certain conditions etc.)  
*d* Unanwendbarkeit *f* eines Verfahrens

- f* inapplicabilité *f* d'un procédé  
*p* inaplicabilidade *f* de um procedimento
- 3395 inapplicable procedure**  
 (Prod.)  
 (Pharmaceutical processes; ref. to a process not applicable under certain circumstances, at the present moment, due to certain conditions etc.)  
*d* unanwendbares Verfahren *n*  
*f* procédé *m* inapplicable  
*p* procedimento *m* inaplicável
- 3396 in combination with ...** *adv*  
 (Prod.)  
 (Pharmaceutical technology.)  
*d* unter Hinzunahme von ...; in Verbindung von ...  
*f* en combinaison avec ...  
*p* junto com ...; em combinação com ...
- 3397 incompatibility**  
 (Prod.)  
 (Fine chemical technology; e.g. between vitamins and metals.)  
*d* Inkompatibilität *f*; Unverträglichkeit *f*  
*f* incompatibilité *f*  
*p* incompatibilidade *f*
- 3398 incompatibility problems in pharmaceutical chemistry**  
 (Prod.)  
 (Pharmaceutical chemistry; ref. to pharmaceutical incompatibilities, due to interactions between substances of a pharmaceutical form.)  
*d* Inkompatibilitäts-Probleme *npl* in der pharmazeutischen Chemie; Unverträglichkeits-Probleme *npl* in der pharmazeutischen Chemie  
*f* problèmes *mpl* des incompatibilités dans la chimie pharmaceutique  
*p* problemas *mpl* de incompatibilidade na química farmacêutica
- 3399 incompatibility symptoms against antibiotics**  
 (Ant.)  
 (E.g. diarrhoea.)  
*d* Unverträglichkeitserscheinungen *fppl* gegenüber Antibiotika  
*f* symptômes *mpl* de l'incompatibilité avec les antibiotiques  
*p* sintomas *mpl* de incompatibilidade aos antibióticos
- 3400 incomplete absorption**  
 (Pharm.)  
 (Pharmacokinetics; ref. to product activity in the organism.)  
*d* unvollkommene Absorption *f*; nicht vollkommene Aufnahme *f*  
*f* absorption *f* incomplète  
*p* absorção *f* incompleta
- 3401 incontinence of feces**  
 (Med.)  
 (Involuntary passage of feces.)  
*d* Stuhlinkontinenz *f*  
*f* incontinence *f* de fèces  
*p* incontinência *f* das fezes
- 3402 incontinence of urine**  
 (Med.)  
 (Involuntary passage of urine.)  
*d* Harninkontinenz *f*  
*f* incontinence *f* d'urine  
*p* incontinência *f* da urina
- 3403 incorporate v into solid drug forms**  
 (Prod.)  
 (Pharmaceutical technology.)  
*d* einarbeiten in feste Arzneimittel  
*f* incorporer dans des médicaments solides  
*p* incorporar em medicamentos sólidos
- 3404 incorporation of a disintegrant into the granulate**  
 (Prod.)  
 (Pharmaceutical technology; ref. to tableting processes.)  
*d* Einarbeitung *f* eines Sprengmittels in das Granulat  
*f* incorporation *f* d'un désagrégant en dedans du granulé  
*p* incorporação *f* de um desintegrante dentro do granulado
- 3405 incorporation of a lubricant**  
 (Prod.)  
 (Pharmaceutical technology; ref. to tableting processes.)  
*d* Einarbeitung *f* eines Schmiermittels  
*f* incorporation *f* d'un lubrifiant  
*p* incorporação *f* de um lubrificante
- 3406 incorporation of liquid active principles as aqueous herbal extracts**  
 (Prod.)  
 (Pharmaceutical processes; preparing tableting procedures: substance incorporation into mixtures.)  
*d* Einarbeitung *f* von flüssigen Wirkstoffen wie wäßrige Pflanzenauszüge



- f* incorporation *f* de principes actifs liquides comme les extraits aqueux de plantes
- p* incorporação *f* de princípios ativos líquidos como os extratos aquosos de plantas
- 3407 incorporation of polyvinylpyrrolidone in soluble film coatings**  
(Prod.)  
(Pharmaceutical technology; ref. to tableting processes for increasing certain tablet qualities.)
- d* Einführung *f* von Polyvinylpyrrolidon in lösliche Dünnschichtüberzüge; Einarbeitung *f* von Polyvinylpyrrolidon in lösliche Dünnschichtüberzüge
- f* incorporation *f* de polyvinylpyrrolidone dans des revêtements à pellicules solubles
- p* incorporação *f* de polivinilpirrolidona nos revestimentos de películas solúveis
- 3408 incorporation of the active principle in the tablet coating**  
(Prod.)  
(Pharmaceutical technology; ref. to tablet production processes.)
- d* Einführung *f* des Wirkstoffes in den Tablettenüberzug; Einarbeitung *f* des Wirkstoffes in den Tablettenüberzug
- f* incorporation *f* du principe actif aux revêtement du comprimé
- p* incorporação *f* do princípio ativo no revestimento do comprimido
- 3409 increase v action specificity of the medicamentous molecule**  
(Prod.)  
(Pharmaceutical technology; for increasing its adaptability, action-optimization.)
- d* Wirkungsspezifität eines medikamentösen Moleküls erhöhen
- f* augmenter la spécificité d'action d'une molécule médicamenteuse
- p* aumentar a especificidade de ação de uma molécula medicamentosa
- 3410 increased density**  
(Prod.)  
(Pharmaceutical chemistry; product property.)
- d* erhöhte Densität *f*
- f* densité *f* élevée
- p* densidade *f* elevada
- 3411 increased outflow of the suprarenal cortex hormone; increased outpouring of the suprarenal cortex hormone**  
(Horm.)  
(A condition as a result of abuse of laxatives.)
- d* vermehrte Ausschüttung *f* des Nebennierenrindenhormons
- f* flux *m* augmenté de l'hormone corticosurrénale
- p* despejo *m* incrementado do hormônio do córtex supra-renal
- \* **increased outpouring of the suprarenal cortex hormone** → 3411
- 3412 increase v drainage of the aqueous humour of the eye**  
(Pharm.)  
(Ref. to eye drop activity in glaucoma treatment, for obtention of an intraocular hypotensive effect.)
- d* den Abfluss der Augenkammerflüssigkeit erhöhen
- f* augmenter l'écoulement de l'humeur aqueuse de l'œil
- p* aumentar o escoamento do humor aquoso do olho
- 3413 increased sodium chloride excretion**  
(Pharm.)  
(Pharmacokinetics; NaCl (table salt) excretion by diuretics type: saluretics.)
- d* erhöhte Natriumchloridausscheidung *f*
- f* excrétion *f* augmentée de chlorure de sodium
- p* excreção *f* aumentada de cloreto de sódio
- 3414 increased vitamin requirements**  
(Vit.)  
(Vitamin physiology; ref. to deficiency diseases.)
- d* erhöhter Vitaminanspruch *m*
- f* besoin *m* accru en vitamines
- p* aumento *m* da necessidade de vitaminas
- 3415 increase in glucose tolerance**  
(Vit.)  
(Promoted by thiamine pyrophosphate, vitamin B<sub>1</sub>.)
- d* Erhöhung *f* der Glykose toleranz
- f* augmentation *f* de la tolérance au glucose
- p* aumento *m* da tolerância à glicose
- 3416 increase in potassium excretion**  
(Pharm.)  
(Pharmacokinetic; due to certain medicaments, e.g. saluretics (see this entry).)
- d* Zunahme *f* der Kaliumausscheidung
- f* augmentation *f* de l'excrétion du potassium
- p* aumento *m* da excreção do potássio

- 3417 increase in the biodisponibility of the active principle/medicament**  
(Prod.)  
(Pharmaceutical technology; ref. e.g. to the elaboration of "retard forms" of medicaments.)  
*d* Erhöhung *f* der Bioverfügbarkeit des Wirkstoffes/Medikamentes  
*f* augmentation *f* de la biodisponibilité du principe actif/médicament  
*p* aumento *m* da biodisponibilidade do princípio ativo/medicamento
- 3418 increase in the duration of disponibility of an active principle**  
(Prod.)  
(Pharmaceutical technology; ref. to the elaboration of "retard forms" of medicaments.)  
*d* Erhöhung *f* der Verfügbareitsdauer des Wirkstoffes  
*f* augmentation *f* de la durée de la disponibilité du principe actif  
*p* aumento *m* da duração da disponibilidade de princípio ativo
- 3419 increase in the uric acid value**  
(Med.)  
(Ref. to gout. Treatment with colchicine, from meadow saffron.)  
*d* Erhöhung *f* des Harnsäurewertes  
*f* augmentation *f* de la valeur de l'acide urique  
*p* aumento *m* da taxa do ácido úrico
- 3420 increase of cellular exploitation of glucose**  
(Pharm.)  
(During treatment of diabetes with certain tablets.)  
*d* Erhöhung *f* der Ausnutzung der Glykose durch die Zellen; Erhöhung *f* der Verwertung der Glykose durch die Zellen  
*f* augmentation *f* de l'utilisation cellulaire de le glucose  
*p* aumento *m* do aproveitamento celular da glicose
- 3421 increase of intraocular pressure**  
(Pharm.)  
(Glaucoma possibility; to be treated with medicaments, as pilocarpine (C<sub>11</sub>H<sub>16</sub>N<sub>2</sub>O<sub>2</sub>), a miotic (pupil contraction agent), a topic parasympathomimetic.)  
*d* Steigerung *f* des intraokulären Drucks; Erhöhung *f* des Augeninnendrucks  
*f* augmentation *f* de la pression intra-oculaire  
*p* aumento *m* de pressão intra-ocular
- 3422 increase of lymphatic drainage**  
(Pharm.)  
(The active principle having the activity as a vascular protector.)  
*d* Erhöhung *f* der Lymphdrainage  
*f* élévation *f* du drainage lymphatique; élévation *f* du drainage de la lymphe  
*p* aumento *m* da drenagem linfática
- 3423 increase of the freezing point**  
(Prod.)  
(Pharmaceutical technology; ref. to the temperature at which a liquid turns solid.)  
*d* Erhöhung *f* des Gefrierpunktes  
*f* augmentation *f* du point de congélation; élévation *f* du point de congélation  
*p* aumento *m* do ponto de congelação
- 3424 increase of the peripheric sensitivity to insulin**  
(Pharm.)  
(Ref. to the action of certain antidiabetics in the organism.)  
*d* Erhöhung *f* der peripherischen Empfindlichkeit gegenüber Insulin  
*f* augmentation *f* de la sensibilité périphérique à l'insuline  
*p* aumento *m* da sensibilidade periférica à insulina
- 3425 increase of the sediment volume**  
(Prod.)  
(Pharmaceutical technology.)  
*d* Erhöhung *f* der Niederschlagsmenge; Erhöhung *f* des Sedimentsvolumens  
*f* augmentation *f* du volume du sédiment  
*p* aumento *m* do volume de sedimento
- 3426 increase of the vitamin concentration in the plasma**  
(Vit.)  
(Vitamin physiology.)  
*d* Erhöhung *f* der Vitamin-Plasmakonzentration  
*f* augmentation *f* de la concentration plasmatique vitaminique  
*p* aumento *m* da concentração plasmática de vitaminas
- 3427 increase v urinary sodium excretion**  
(Pharm.)  
(Ref. to activity of diuretics in diuresis stimulation for obtaining a hypotensive effect.)  
*d* die Natriumausscheidung durch den Harn erhöhen  
*f* augmenter l'excrétion urinaire du sodium  
*p* aumentar a excreção urinária do sódio

- 3428 increase v vascular tonicity**  
(Pharm.)  
(Characteristic e.g. of some pomades, for blood vessel treatment.)  
*d* den vaskulären Spannungszustand erhöhen  
*f* augmenter la tonicité vasculaire  
*p* aumentar a tonicidade vascular
- 3429 increasing efficacy**  
(Pharm.)  
(Pharmacodynamics; e.g. ref. to (long term) drug activity on the target-organ.)  
*d* ansteigende Wirkungsdauer *f*  
*f* efficacité *f* croissante  
*p* eficácia *f* crescente
- \* increasing molecular chain → 2972
- 3430 increasing quantities of antibiotics in research**  
(Ant.)  
(Ref. to antibiotics in research processes, also: e.g. in therapeutics.)  
*d* zunehmende Mengen *fpl* von Antibiotika in der Forschung  
*f* quantités *fpl* croissantes des antibiotiques dans la recherche  
*p* quantidades *fpl* crescentes de antibióticos na pesquisa
- 3431 incrust v; encrust v**  
(Prod.)  
(Pharmaceutical chemistry; formation of e.g. chemical crusts, incrustations.)  
*d* inkrustieren; verkrusten; eine Kruste bilden  
*f* encroûter  
*p* encrustar
- 3432 indication of chemical identity of the active principle**  
(Prod.)  
(Pharmaceutical processes; ref. to analysis process.)  
*d* Hinweis *m* auf die chemische Identität des Wirkstoffes  
*f* indication *f* pour l'identité chimique du principe actif  
*p* indicação *f* para a identidade química do princípio ativo
- 3433 indirectly acting active substances**  
(Pharm.)  
(Ref. to certain drug types.)  
*d* indirekt wirkende aktive Substanzen *fpl*  
*f* substances *fpl* étant efficaces indirectement  
*p* substâncias *fpl* ativas eficaces indiretamente
- 3434 individual dose**  
(Med.)  
(Ref. to drug dose prescription/application.)  
*d* individuelle Dosis *f*  
*f* dose *f* individuelle  
*p* dose *f* individual
- 3435 individualization of remedies**  
(Homoeop.)  
(Hom[o]eopathy; see this entry: choice of the medicament depends on the symptoms of patient, and not on his disease as in allopathy (see this entry).)  
*d* Individualisierung *f* der Heilmittel  
*f* individualisation *f* des remèdes  
*p* individualisação *f* dos remédios
- 3436 individual molecule**  
(Prod.)  
(Fine chemical technology; in determination of the average molecular weight.)  
*d* individuelles Molekül *n*; Einzelmolekül *n*  
*f* molécule *f* individuelle  
*p* molécula *f* individual
- 3437 indole**  
(Prod.)  
(C<sub>8</sub>H<sub>7</sub>N; obtained by indigo distillation, present in certain flowers, like oranges and jasmine; also: obtained by synthesis.)  
*d* Indol *n*  
*f* indole *m*  
*p* indol *m*
- 3438 indole derivative as remedy against gout**  
(Prod.)  
(Ref. to the active principle: Indomethacin (C<sub>19</sub>H<sub>16</sub>ClNO<sub>4</sub>), nonsteroidal, anti-inflammatory substance; gout/arthritis treatment.)  
*d* Indol-Derivat *n* als Gichtmittel  
*f* dérivé *m* de l'indole comme remède contre la goutte  
*p* derivado *m* do indol como remédio contra a gota
- 3439 industrial application fields of vitamin C for its antioxidant properties**  
(Vit.)  
(Vitamin technology; example of vitamin C (here: ascorbic acid) in the food industry.)  
*d* industrielle Einsatzgebiete *fpl* von Vitamin C aufgrund seiner antioxidierenden Eigenschaften  
*f* champs *mpl* d'emploi de la vitamine C en raison de ses propriétés antioxydantes  
*p* campos *mpl* de aplicação da vitamina C por suas propriedades antioxidantes

- 3440 industrial application of biotechnology**  
(Enz.)  
(Biotechnology as biology in industrial production.)  
*d* industrielle Anwendung *f* der Biotechnology  
*f* application *f* industrielle de la biotechnologie  
*p* aplicação *f* industrial das biotecnologia
- 3441 industrial detergent formulations**  
(Prod.)  
(Pharmaceutical technology; ref. to formulation for the production of synthetic cleansing agents to be used in the industries.)  
*d* industrielle Detergenzienformulierungen *fpl*  
*f* formulations *fpl* de détergents industriels  
*p* formulações *fpl* de detergentes industriais
- 3442 industrial elaboration of chemical products on the biological way**  
(Prod.)  
(Biotechnology; biochemical elaboration of products aimed at industrial exploitation.)  
*d* industrielle Herstellung *f* chemischer Produkte auf biologischem Wege  
*f* élaboration *f* industrielle par voie biologique de produits chimiques  
*p* elaboração *f* industrial por via biológica de produtos químicos
- 3443 industrial enzymes**  
(Enz.)  
(Biotechnology: product of applied biological science.)  
*d* industrielle Enzyme *npl*; Industrieenzyme *npl*  
*f* enzymes *fpl* industrielles  
*p* enzimas *fpl* industriais
- 3444 industrial enzymes as products of biotechnology**  
(Enz.)  
(Biotechnology as applied biological science aimed at industrial exploitation.)  
*d* Industrieenzyme *npl* als Produkte der Biotechnologie  
*f* enzymes *fpl* industrielles comme produits biotechnologiques  
*p* enzimas *fpl* industriais como produtos da biotecnologia
- 3445 industrial enzymes produced on the basis of biotechnology**  
(Enz.)  
(Biotechnology; example of applied biology for industrial production.)  
*d* industrielle Enzyme *npl* auf Grundlagen der Biotechnologie hergestellt  
*f* enzymes *fpl* industrielles produites à la base de la biotechnologie
- p* enzimas *fpl* industriais produzidas à base da biotecnologia
- 3446 industrial exploitation of microorganisms**  
(Enz.)  
(Biotechnology in industrial exploitation.)  
*d* industrielle Ausnutzung *f* von Mikroorganismen  
*f* exploitation *f* industrielle des micro-organismes  
*p* exploração *f* industrial dos microorganismos
- 3447 industrial fermentation with selected microorganisms**  
(Prod.)  
(Biotechnology.)  
*d* industrielle Gärung *f* mit ausgesuchten Mikroorganismen  
*f* fermentation *f* industrielle avec des micro-organismes sélectionnées  
*p* fermentação *f* com microorganismos selecionados
- 3448 industrial microbiology in production**  
(Enz.)  
(Biotechnology as biology in industrial production.)  
*d* industrielle Mikrobiologie *f* in der Produktion  
*f* microbiologie *f* industrielle dans la production  
*p* microbiologia *f* industrial na produção
- \* **industrial objects** → **3451**
- 3449 industrial procedure in biotechnology**  
(Enz.)  
(Biotechnology as applied biological science aimed at industrial exploitation.)  
*d* industrielle Verfahrensweise *f* in der Biotechnologie  
*f* procédé *m* industriel dans la biotechnologie  
*p* procedimento *m* industrial na biotecnologia
- 3450 industrial procedures by microbiologic route**  
(Enz.)  
(Biotechnology in industrial production.)  
*d* industrielle Verfahren *npl* auf mikrobiologischem Wege  
*f* procédés *mpl* industriels par la voie microbiologique  
*p* procedimentos *mpl* industriais por via microbiológica
- 3451 industrial purposes; industrial objects**  
(Enz.)  
(Biotechnology in industrial exploitation.)  
*d* industrielle Zwecke *npl*

- f* fins *fpl* industrielles  
*p* finalidades *fpl* industriais
- 3452 industrials fermentation**  
 (Enz.)  
 (Biotechnology; evolving selected microorganisms, e.g. in the production of certain antibiotics etc.)  
*d* industrielle Gärung *f*  
*f* fermentation *f* industrielle  
*p* fermentação *f* industrial
- 3453 inert gas; noble gas; rare gas**  
 (Prod.)  
 (Auxiliary in pharmaceutical technology.)  
*d* inertes Gas *n*; inaktives Gas *n*; Edelgas *n*  
*f* gaz *m* inerte; gaz *m* noble; gaz *m* rare  
*p* gás *m* inerte; gás *m* noble; gás *m* raro
- 3454 inertia**  
 (Prod.)  
 (Pharmaceutical processes; property of matter, e.g. remaining at rest.)  
*d* Beharrungsvermögen *n*; Trägheit *f*  
*f* inertie *f*  
*p* inércia *f*
- 3455 infantile scurvy**  
 (Vit.)  
 (Vitamin-C-hypovitaminosis; Möller-Barlow-disease.)  
*d* Säuglingsskorbut *m*  
*f* scorbut *m* infantile  
*p* escorbuto *m* infantil
- 3456 inferior coating layer of the tablet**  
 (Prod.)  
 (Pharmaceutical technology; film-forming process.)  
*d* untere Überzugsschicht *f* der Tablette  
*f* couche *f* inférieure de l'enrobage du comprimé  
*p* camada *f* inferior do revestimento do comprimido
- 3457 infested *adj* with parasites**  
 (Med.)  
 (Penetration and fixation of a parasite (e.g. animal parasite) in the organism.)  
*d* von Parasiten befallen  
*f* infesté par des parasites  
*p* infestado por parasitas
- 3458 infiltration; seepage**  
 (Prod.)  
 (Pharmaceutical technology; seeping process.)  
*d* Infiltration *f*; Infiltrierung *f*; Einsickerung *f*  
*f* infiltration *f*  
*p* infiltração *f*
- 3459 in fine crystalline form *adv***  
 (Prod.)  
 (Pharmaceutical chemistry; product aspect.)  
*d* in feinkristalliner Form  
*f* sous forme de cristaux fins  
*p* em forma de cristais finos
- 3460 infinitesimal homeopathic dose**  
 (Homoeop.)  
 (Ref. to medicinal drug (immeasurably small) dosage as to hom[o]eopathic notions. One of the hom[o]eopathic principles.)  
*d* infinitesimale homöopathische Dose *f*  
*f* dose *f* homéopathique infinitésimale  
*p* dose *f* homeopática infinitesimal
- \* **inflammation inhibiting drug → 551**
- 3461 inflammatory response**  
 (Horm.)  
 (Ref. to hormonal, glucocorticoid (anti-inflammatory) activity.)  
*d* Entzündungsresponse *f*  
*f* réponse *f* inflammatoire  
*p* resposta *f* inflamatória
- 3462 inflammatory response inhibition towards chemical or immunological agents**  
 (Pharm.)  
 (Ref. to the action of corticosteroids.)  
*d* Hemmung *f* der Entzündungsreaktion chemischer oder immunologischer Stoffe  
*f* inhibition *f* à la réponse inflammatoire aux agents chimiques ou immunologiques  
*p* inibição *f* da resposta inflamatória a agentes químicos ou imunológicos
- 3463 in form of a powder *adv***  
 (Vit.)  
 (Vitamin technology: vitamin pure powder substance.)  
*d* in Pulverform  
*f* en poudre  
*p* em forma de pó
- 3464 infrared spectrum**  
 (Prod.)  
 (Pharmaceutical technology; ref. to analysis process; substance identification.)  
*d* Infrarotspektrum *n*; IR-Spektrum *n*  
*f* spectre *m* d'absorption infrarouge  
*p* espectro infravermelho; espectro *m* de absorção infravermelha

- 3465 infusion in hot water; hot-water infusion**  
(Phyto.)  
(Ref. to treatment of drugs of vegetable origin: extraction of principles by hot water, e.g. herb teas etc.)  
*d* Aufguß *m* in heißem Wasser; Heißwasser-Aufguß *m*  
*f* infusion *f* dans l'eau chaude  
*p* infusão *f* em água quente
- 3466 infusion of boldo from Chile; Chilean boldo tea**  
(Phyto.)  
("Peumus boldus, Monimiaceae"; medicinal plant, leaves used as cholagogue (bile flow stimulation); see entry: boldo from Chile; Chilean boldo.)  
*d* Infusion *f* aus chilenischem Boldo; Tee *m* aus chilenischem Boldo  
*f* infusion *f* de boldo du Chili; tisane *f* de boldo du Chili  
*p* infusão *f* de boldo do Chile; chá *f* de boldo do Chile
- 3467 infusions obtained from medicinal plants**  
(Phyto.)  
(Infusions, tea as a pharmaceutical form, having the therapeutic principle extremely diluted, e.g. purgatives, sedatives etc.)  
*d* Heilpflanzentees *mpl*; Tees *mpl* aus Heilpflanzen  
*f* tisanes *fpl* obtenues à partir des plantes médicinales  
*p* infusões *fpl* obtidas a partir de plantas medicinais
- 3468 infusion solution**  
(Vit.)  
(E.g. vitaminized infusion.)  
*d* Infusionslösung *f*  
*f* solution *f* d'infusion  
*p* solução *f* de infusão
- 3469 in gelatin[e] embedded powder**  
(Vit.)  
(Vitamin technology.)  
*d* gelatineumhülltes Pulver *n*; mit Gelatine umhülltes Puder *n*  
*f* poudre *f* enrobée de gélatine  
*p* pó *m* revestido com gelatina
- 3470 inhalation**  
(Med.)  
(Application way of certain medicamentous drug forms.)  
*d* Einatmung *f*; Inhalation *f*  
*f* inhalation *f*
- p* inalação *f*
- 3471 inhalation narcosis**  
(Prod.)  
(Ref. to narcosis type.)  
*d* Inhalationsnarkose *f*; Einatmungsnarkose *f*  
*f* narcose *f* par inhalation  
*p* anestesia *f* por inalação
- \* inherent viscosity → 3643
- 3472 inhibins**  
(Horm.)  
(Male (Sertoli cells) and female (granulosa cells) hormones, inhibiting the secretion of the follicle-stimulating hormone (1888, Enrico Sertoli, Italian histologist, deceased: 1910).)  
*d* Inhibine *npl*  
*f* inhibines *fpl*  
*p* inibinas *fpl*
- 3473 inhibiting concentration of an antibiotic**  
(Ant.)  
(Ref. to concentration of antibiotics and its effects on bacteria in research and therapy.)  
*d* hemmende Konzentration *f* eines Antibiotikums  
*f* concentration *f* inhibitrice d'un antibiotique  
*p* concentração *f* inibidora de um antibiótico
- 3474 inhibiting hormone**  
(Horm.)  
(Ref. to hormonal regulation processes.)  
*d* hemmendes Hormon *n*  
*f* hormone *f* inhibitrice  
*p* hormônio *m* inibidor
- 3475 inhibiting protein**  
(Horm.)  
(Hormone biochemistry; ref. to hormone activity.)  
*d* hemmendes Protein *n*; Hemmungs-Protein *n*  
*f* protéine *f* inhibitrice  
*p* proteína *f* inibidora
- 3476 inhibition of gluconeogenesis by the liver**  
(Pharm.)  
(Ref. to hepatic glucose formation, inhibited by certain antidiabetics.)  
*d* Hemmung *f* der Glykoseneubildung durch die Leber; Hemmung *f* der hepatischen Glykoseneubildung  
*f* inhibition *f* de la gluconéogenèse hépatique; inhibition *f* de la néoglucogenèse hépatique  
*p* inibição *f* da gliconeogênese hepática

- 3477 inhibition of hepatic gluconeogenesis by antidiabetic active principles**  
(Pharm.)  
(During treatment of diabetes with certain tablets.)  
*d* Hemmung *f* der hepatischen Gluconeogenese durch Antidiabetika  
*f* inhibition *f* de la gluconéogenèse hépatique par des principes actifs antidiabétiques  
*p* inibição *f* de gliconeogênese hepática por princípios ativos antidiabéticos
- 3478 inhibition of metabolic function of the vitamin**  
(Vit.)  
(Certain antibiotics inhibit this function of vitamins e.g. necessary for bacterial life: ref. to vitamin therapy.)  
*d* Stoffwechselfunktionshemmung *f* des Vitamins  
*f* inhibition *f* de la fonction métabolique de la vitamine  
*p* inibição *f* da função metabólica da vitamina
- 3479 inhibition of prostaglandin production, the peripheric one as well as the central one**  
(Pharm.)  
(Pharmacodynamic action of certain analgesics.)  
*d* Hemmung *f* der Prostaglandinproduktion, die peripherische wie auch die zentrale  
*f* inhibition *f* de la production de la prostglandine, la périphérique autant que la centrale  
*p* inibição *f* da produção de prostaglandinas tanto periféricas quanto centrais
- 3480 inhibition of table salt resorption**  
(Pharm.)  
(Table salt: NaCl, sodium chloride; ref. to the activity of diuretics (type: saluretics) in the organism.)  
*d* Hemmung *f* der Kochsalzresorption  
*f* inhibition *f* de la résorption du sel de cuisine  
*p* inibição *f* da resorção do sal de cozinha
- 3481 inhibition of the activity of enzymatic systems**  
(Enz.)  
(Enzymology; ref. to the control of enzymatic destruction of the active principle in stabilization processes.)  
*d* Wirkungshemmung *f* der enzymatischen Systeme  
*f* inhibition *f* de l'activité des systèmes enzymatiques  
*p* inibição *f* da atividade dos sistemas enzimáticos
- 3482 inhibition of thiamin[e] phosphorylation**  
(Vit.)  
(Vitamin physiology; cause of metabolic diseases.)  
*d* Hemmung *f* der Thiaminphosphorylierung  
*f* inhibition *f* de la phosphorylation de la thiamine  
*p* inibição *f* da fosforilação da tiamina
- 3483 inhibition of xanthinoxidase in gout treatment by uricostatics**  
(Pharm.)  
(Purpose: reduction of the formation of uric acid in the metabolism.)  
*d* Hemmung *f* der Xanthinoxidase in der Gichtbehandlung durch Urikostatika  
*f* inhibition *f* de la xanthinoxidase dans le traitement de la goutte par les uricostatiques  
*p* inibição *f* da xantino-oxidase no tratamento da gota por uricostáticos
- \* **inhibitive concentration** → 3487
- 3484 inhibitor of fibrinolysis**  
(Prod.)  
(Active principle used against tendency of increased bleeding (haemorrhage) due to the use of fibrinolytic drugs.)  
*d* Hemmstoff *m* der Fibrinolyse  
*f* inhibiteur *m* de la fibrinolyse  
*p* inibidor *m* da fibrinólise
- 3485 inhibitor of the carbonic anhydrase enzyme**  
(Enz.)  
(E.g. ref. to a medicament for glaucoma treatment in the: reduction of the intraocular pressure (see this entry).)  
*d* Hemmer *m* des Carboanhydrase-Enzymen  
*f* inhibiteur *m* de l'enzyme anhydrase carbonique  
*p* inibidor *m* da enzima anidrase carbônica
- 3486 inhibitor of vitamin activity; inhibitor of vitaminic activity**  
(Vit.)  
(Vitamin technology problem; e.g. Cu (copper) etc.)  
*d* Inhibitor *m* der Vitaminwirkung; Verhinderer *m* der Vitaminaktivität  
*f* inhibiteur *m* de l'activité vitaminique  
*p* inibidor *m* da atividade vitamínica
- 3487 inhibitory concentration; inhibitive concentration**  
(Pharm.)  
(Ref. to the drug distribution in the organism and its activity on the destruction possibilities against the microorganisms.)

- d* hemmende Konzentration *f*; verhindernde Konzentration *f*  
*f* concentration *f* inhibitrice; concentration *f* inhibitive  
*p* concentração *f* inibitória
- 3488 inhibit v the release of mediators in the organism**  
 (Pharm.)  
 (In allergy treatment by drugs called "antagonist" (see this entry).)  
*d* Mediatorenfreisetzung im Körper hemmen; Freisetzung von Mittelstoffen im Körper hemmen  
*f* inhiber la libération de médiateurs dans l'organisme  
*p* inibir a liberação de mediadores no organismo
- 3489 initial dose**  
 (Pharm.)  
 (Pharmacodynamics; ref. e.g. to a higher initial dosage of the active principle for starting the treatment.)  
*d* Anfangsdosis *f*  
*f* dose *f* initiale  
*p* dose *f* inicial
- 3490 initial phase of a treatment**  
 (Med.)  
 (Ref. to treatment type/period, including a higher combination of active principles.)  
*d* Initialphase *f* einer Behandlung; Anfangsphase *f* einer Behandlung  
*f* phase *f* initiale d'un traitement  
*p* fase *f* inicial de um tratamento
- 3491 initial pressure**  
 (Prod.)  
 (Pharmaceutical processes; ref. to processing activities.)  
*d* Anfangsdruck *m*  
*f* pression *f* initiale  
*p* pressão *f* inicial
- 3492 initial stage of interactions**  
 (Prod.)  
 (Pharmaceutical technology; ref. to the course of processes.)  
*d* Anfangsetappe *f* von Wechselwirkungen  
*f* étape *f* initiale des interactions  
*p* etapa *f* inicial das interações
- 3493 initiation of analgesia**  
 (Pharm.)  
 (Pharmacodynamic action of analgesics.)  
*d* Beginn *m* der Analgie  
*f* commencement *m* de l'analgésie  
*p* início *m* da analgesia
- 3494 injectable medicament in oily solution**  
 (Vit.)  
 (Vitamin technology; a vitamin form.)  
*d* Injektionsmedikament *n* in öliger Lösung  
*f* médicament *m* injectable en solution huileuse  
*p* medicamento *m* injetável em solução oleosa
- 3495 injectable preparation**  
 (Prod.)  
 (Pharmaceutical technology; a pharmaceutical form.)  
*d* Injektionspräparat *n*  
*f* préparation *f* injectable  
*p* preparação *f* injetável
- 3496 injectables; injectable solution**  
 (Prod.)  
 (Pharmaceutical technology; injectable products, a pharmaceutical form.)  
*d* Injektionsprodukte *npl*; Injektionslösung *f*  
*f* produits *mpl* injectables; solution *f* injectable  
*p* produtos *mpl* injetáveis; solução *f* injetável
- \* **injectable solution → 3496**
- 3497 injectable solution isotonic with blood serum**  
 (Prod.)  
 (Pharmaceutical chemistry; ref. to characteristic of "injectables; injectable solution" (see this entry).)  
*d* mit dem Blutserum isotonische Injektionslösung *f*  
*f* solution *f* injectable isotonique au sérum sanguin  
*p* solução *f* injetável isotônica com o soro de sangue
- 3498 injectable vitamin**  
 (Vit.)  
 (Vitamin technology; a pharmaceutical form.)  
*d* injizierbares Vitamin *n*  
*f* vitamine *f* injectable  
*p* vitamina *f* injetável
- 3499 inject v hydrogen pairs**  
 (Enz.)  
 (Enzymology; e.g. ref. to certain redox processes.)  
*d* injizieren von Wasserstoff-Paaren; einspritzen von Wasserstoff-Paaren  
*f* injecter pairs d'hydrogène  
*p* injetar pares de hidrogênio
- 3500 injection fluid**  
 (Prod.)  
 (Pharmaceutical technology; ref. to injection production.)



- d* Injektionsflüssigkeit *f*  
*f* liquide *m* d'injection  
*p* líquido de injeção
- 3501 injection solution**  
 (Prod.)  
 (Pharmaceutical technology; pharmaceutical form.)  
*d* Injektionslösung *f*; Einspritzlösung *f*  
*f* solution *f* à injecter  
*p* solução *f* para injeção; solução *f* injetável
- 3502 inject v the key molecules**  
 (Vit.)  
 (Vitamin physiology; vitamin activity in reaction orientation, in process control etc. e.g. vitamin B group.)  
*d* Schlüsselmoleküle injizieren;  
 Schlüsselmoleküle einspritzen  
*f* injecter les molécules clés  
*p* injetar as moléculas chaves
- 3503 innocuousness of a medicamentous substance**  
 (Med.)  
 (Harmlessness of a medicament to the human body, especially regarding its side-effects.)  
*d* Unschädlichkeit *f* einer medikamentösen Substanz; Unbedenklichkeit *f* einer medikamentösen Substanz  
*f* innocuité *f* d'une substance médicamenteuse  
*p* inocuidade *f* de uma substância medicamentosa
- 3504 inoculate v microorganisms into a substrate; introduce v microorganisms into a substrate**  
 (Enz.)  
 (Biotechnology; ref. to microbial cultures in research and production processes.)  
*d* Mikroorganismen in ein Substrat inokulieren; Mikroorganismen in ein Substrat einführen  
*f* inoculer des micro-organismes dans un substrat; introduire des micro-organismes dans un substrat  
*p* inocular microorganismo num substrato; introduzir microorganismo num substrato
- 3505 inoculation**  
 (Med.)  
 (Ref. to introduction into the organism of a germ-containing substance.)  
*d* Inokulation *f*  
*f* inoculation *f*  
*p* inoculação *f*
- 3506 inorganic chemistry**  
 (Prod.)  
 (Pharmaceutical chemistry; chemistry of compounds other than carbon; opposed to organic chemistry: The chemistry of carbon compounds.)  
*d* anorganische Chemie *f*  
*f* chimie *f* inorganique  
*p* química *f* inorgânica
- \* **inosite** → **3507**
- 3507 inositol; inosite**  
 (Vit.)  
 (C<sub>6</sub>H<sub>12</sub>O<sub>6</sub>; meso-inositol belongs to the vitamin B-complex; e.g. used in hypercholesterolemia.)  
*d* Inositol *pl*  
*f* inositol *m*; inosite *m*  
*p* inositol *m*; inosita *f*; inose *f*
- 3508 inotropic adj**  
 (Med.)  
 (Ref. to heart muscle contraction.)  
*d* inotrop  
*f* inotrope  
*p* inotrópico
- 3509 insecticide**  
 (Prod.)  
 (Pharmaceutical chemistry; an insects destroying substance.)  
*d* Insektizid *n*; Insektenbekämpfungsmittel *n*; Schädlingbekämpfungsmittel *n*  
*f* insecticide *m*  
*p* inseticida *m*
- 3510 insensitive stems of pathogenic microorganisms**  
 (Ant.)  
 (Ref. to resistance of a pathogen against antibiotics.)  
*d* unempfindliche Stämme *mpl* von pathogenen Mikroorganismen  
*f* souches *fpl* insensibles des micro-organismes pathogènes  
*p* cepas *fpl* insensíveis de microorganismos patogênicos
- 3511 insolubility**  
 (Prod.)  
 (Pharmaceutical technology; product characteristic.)  
*d* Unlöslichkeit *f*; Unlösbarkeit *f*  
*f* insolubilité *f*  
*p* insolubilidade *f*
- 3512 insoluble active substances**  
 (Prod.)  
 (Pharmaceutical technology; product characteristic.)

- d* unlösliche Wirkstoffe *mpl*  
*f* principes *mpl* actifs insolubles  
*p* princípios *mpl* ativos insolúveis
- 3513 insoluble adj in water**  
 (Vit.)  
 (Vitamin technology: product characteristic.)  
*d* unlöslich in Wasser  
*f* insoluble dans l'eau  
*p* insolúvel na água
- 3514 insoluble polyvinylpyrrolidone**  
 (Prod.)  
 (Pharmaceutical technology; ref. to certain PVP types (crosslinked PVP): auxiliary in tablet production.)  
*d* unlösliches Polyvinylpyrrolidon *n*  
*f* polyvinylpyrrolidone *f* insoluble  
*p* polivinilpirrolidona *f* insolúvel
- 3515 insoluble popcorn polymer**  
 (Prod.)  
 (Pharmaceutical technology; ref. to N-vinylpyrrolidone type.)  
*d* unlösliches Popcorn-Polymer *n*  
*f* polymère *m* insoluble au type pop-corn  
*p* polímero *m* insolúvel tipo pipoca
- 3516 instability of the active principle towards humidity**  
 (Prod.)  
 (Pharmaceutical technology; ref. to the properties of the active principles within the tablet cores, requiring a barrier layer for protection.)  
*d* Instabilität *f* des Wirkstoffes gegenüber Feuchtigkeit  
*f* instabilité *f* du principe actif vers la humidité; instabilité *f* du principe actif en contact avec l'humidité  
*p* instabilidade *f* do princípio ativo em contato com a umidade
- 3517 instability of the components**  
 (Vit.)  
 (Vitamin technology; pharmaceutical vitamin production; characteristic of vitamin components.)  
*d* Instabilität *f* der Komponenten; Bestandteilstabilität *f*  
*f* instabilité *f* des composants  
*p* instabilidade *f* dos componentes
- 3518 installation of a mydriatic in form of eye drops**  
 (Prod.)  
 (E.g. atropine in therapy.)  
*d* Instillierung *f* eines
- Pupillenerweiterungsmittels in der Form von Augentropfen  
*f* installation *f* d'un mydriatique sous forme d'un collyre  
*p* instalação *f* de um midriático na forma de um colírio
- 3519 instant granules**  
 (Prod.)  
 (Pharmaceutical technology; pharmaceutical product.)  
*d* Instant-Granulate *npl*  
*f* granules *mpl* instantanés  
*p* grânulos *mpl* instantâneos
- 3520 instant granules for preparation of suspension**  
 (Prod.)  
 (Pharmaceutical processes.)  
*d* Instant-Granulate *npl* zur Herstellung von Suspensionen  
*f* granules *mpl* instantanés pour la fabrication de suspensions  
*p* grânulos *mpl* instantâneos para a elaboração de suspensões
- 3521 instillation**  
 (Med.)  
 (Application of a medicament drop by drop.)  
*d* Instillation *f*; Instillieren *n*; Einträufeln *n*  
*f* instillation *f*  
*p* instilação *f*
- 3522 instill v eye drops**  
 (Prod.)  
 (Apply a drug drop by drop into the conjunctiva.)  
*d* Augentropfen instillieren  
*f* instiller un collyre  
*p* instilar um colírio
- 3523 insufficiency of vitamin supply**  
 (Vit.)  
 (Vitamin physiology; can give raise to deficiency conditions.)  
*d* Unzulänglichkeit *f* der Vitaminzufuhr  
*f* insuffisance *f* de l'apport vitaminique  
*p* insuficiência *f* do aporte vitamínico
- 3524 insufficient filtration by the glomerules**  
 (Med.)  
 (Ref. to kidney disease; use of saluretics to promote elimination of sodium and water (against oedema etc).)  
*d* ungenügende Filtrierung *f* der Nierenkörperchen  
*f* filtration *f* insuffisante par des glomérules  
*p* filtração *f* glomerular insuficiente

- 3525 insufficient h[a]eme synthesis**  
(Med.)  
(Iron-carrying group of hemoglobin and myoglobin. Favourably influenced by vitamin B<sub>6</sub>.)  
*d* ungenügende Häme-Synthese *f*  
*f* synthèse *f* insuffisante d'hème  
*p* síntese *f* insuficiente da heme
- 3526 insulin**  
(Horm.)  
(A pancreas-(originates in the beta cells of the islets of Langerhans) protein-hormone, having glucose regulating activity.)  
*d* Insulin *n*  
*f* insuline *f*  
*p* insulina *f*
- 3527 insulin-dependent – insulin indepent** *adj*  
(Pharm.)  
(Diabetes mellitus; ref. to diabetes type I; ref. to diabetes type II.)  
*d* insulinabhängig; insulinpflichtig – insulinunabhängig; nichtinsulinpflichtig  
*f* insulino-dépendant – insulino indépendant  
*p* dependente de insulina – não-dependente de insulina
- 3528 insulin increases the permeability of the cell membrane for sugar**  
(Pharm.)  
(Ref. to insulin activity within the cells of the organism.)  
*d* Insulin *n* erhöht die Durchlässigkeit der Zellmembran für Zucker  
*f* insuline *f* augmente la perméabilité de la membrane cellulaire pour le sucre  
*p* insulina *f* aumenta a permeabilidade da membrana celular para o açúcar
- 3529 insulin injection**  
(Prod.)  
(In diabetes mellitus therapy.)  
*d* Insulininjektion *f*  
*f* injection *f* d'insuline  
*p* injeção *f* de insulina
- 3530 insulin in the treatment of diabetes, utilized in form of subcutaneous injections**  
(Horm.)  
(A protein pancreatic hormone.)  
*d* Insulin *n* in der Behandlung der Zuckerkrankheit, verwendet in Form von subkutanen Injektionen  
*f* insuline *f* dans le traitement du diabète, utilisée en injections sous-cutanées  
*p* insulina *f* no tratamento do (da) diabetes, utilizada em forma de injeções subcutâneas
- 3531 insulin is essential for the metabolism of carbohydrates**  
(Horm.)  
(Hormone biochemistry; hormone physiology.)  
*d* Insulin *n* ist wesentlich für den Kohlenhydratstoffwechsel  
*f* insuline *f* est essentielle à le métabolisme des glucides  
*p* insulina *f* é essencial para o metabolismo dos carboidratos
- 3532 insulin is used in the treatment of diabetes**  
(Horm.)  
(Application of hormones in medicine.)  
*d* Insulin *n* wird in der Behandlung der Zuckerkrankheit eingesetzt; Insulin *n* wird zur der Behandlung der Diabetes eingesetzt  
*f* insuline *f* est utilisée dans le traitement du diabète  
*p* insulina *f* é usada no tratamento do (da) diabetes
- 3533 insulin kinase**  
(Enz.)  
(Hepatic enzyme which promotes insulin production.)  
*d* Insulinkinase *f*  
*f* kinase *f* d'insuline  
*p* quinase *f* de insulina
- 3534 insulin obtained by genetic technology**  
(Cyt.)  
(In the treatment of diabetes, instead of the original insulin obtained from pigs and cattle; e.g. example of biotechnology.)  
*d* gentechnologisch gewonnenes Insulin *n*  
*f* insuline *f* obtenue par la technologie génétique  
*p* insulina *f* obtida por tecnologia genética
- 3535 insulinotherapy**  
(Horm.)  
(Application of hormones in medicine: the hormone insulin in diabetes treatment.)  
*d* Insulintherapie *f*  
*f* insulinothérapie *f*  
*p* insulinoterapia *f*
- 3536 insulin receptor**  
(Horm.)  
(Hormone biochemistry; ref. to hormone/receptor cell activity.)  
*d* Insulinrezeptor *m*  
*f* récepteur *m* de l'insuline  
*p* receptor *m* de insulina

- 3537 insulin receptor substrate**  
(Horm.)  
(Hormone biochemistry; ref. to hormone/receptor cell activity.)  
*d* Substrat *n* des Insulinrezeptors  
*f* substrat *m* du récepteur de l'insuline  
*p* substrato *m* do receptor da insulina
- 3538 insulin resistance**  
(Med.)  
(Ref. to cell reactions against insulin absorption, insulin activity in diabetes.)  
*d* Insulinresistenz *f*  
*f* résistance *f* à l'insuline  
*p* resistência *f* à insulina
- 3539 insulin secretion**  
(Horm.)  
(A protein hormone of the pancreas; glucose level regulation in the blood.)  
*d* Insulin-Sekretion *f*; Insulin-Abscheidung *f*  
*f* insulino-sécrétion *f*; sécrétion *f* de l'insuline  
*p* secreção *f* de insulina
- 3540 insulin treatment**  
(Med.)  
(In case of diabetes mellitus, a carbohydrate metabolism disease.)  
*d* Insulinbehandlung *f*  
*f* traitement *f* par insuline  
*p* tratamento *m* com insulina
- 3541 in suspension *adv***  
(Prod.)  
(Pharmaceutical technology.)  
*d* in Suspension  
*f* en suspension  
*p* em suspensão
- 3542 intensified secretion of the suprarenal cortex**  
(Pharm.)  
(A condition as a result of abuse of laxatives.)  
*d* verstärkte Nebennierenrindensekretion *f*  
*f* sécrétion *f* intensifiée de la corticosurrénal  
*p* secreção *f* intensificada do córtex supra-renal
- 3543 interaction**  
(Prod.)  
(Pharmaceutical technology. Interaction of substances of active principles.)  
*d* Zwischenwirkung *f*; Interaktion *f*  
*f* interaction *f*  
*p* interação *f*
- 3544 interaction; reciprocal action**  
(Prod.)  
(Pharmaceutical processes; mutual action, e.g. of active principles.)  
*d* Wechselwirkung *f*; wechselseitige Wirkung *f*  
*f* interaction *f*; action *f* réciproque  
*p* interação *f*; ação *f* recíproca
- 3545 interaction between ions**  
(Enz.)  
(Enzyme/protein biochemistry.)  
*d* Interaktion *f* zwischen Ionen;  
Wechselwirkung *f* zwischen Ionen  
*f* interaction *f* entre ions  
*p* interação *f* entre íons; ação *f* recíproca entre ions
- 3546 interaction between molecules**  
(Prod.)  
(Ref. to reaction-process in pharmaceutical chemistry.)  
*d* Interaktion *f* zwischen Molekülen  
*f* interaction *f* entre molécules  
*p* interação *f* entre imoléculas
- 3547 interaction by contact between vitamins; reciprocal action by contact between vitamins**  
(Vit.)  
(Vitamin technology in production processes: interactions have to be avoided, e.g. by embedding of the single vitamins in a matrix.)  
*d* Kontakt-Interaktion *f* zwischen Vitaminen;  
Wechselwirkung *f* durch Kontakt zwischen Vitaminen  
*f* interaction *f* par contact entre vitamines;  
action *f* réciproque par contact entre vitamines  
*p* interação *f* por contato entre vitaminas; ação *f* recíproca por contato entre vitaminas
- 3548 interaction of an active substance with the receptor**  
(Pharm.)  
(Pharmacodynamics; modus operandi of active principles.)  
*d* Wechselwirkung *f* eines Wirkstoffes mit dem Rezeptor  
*f* interaction *f* d'une substance active avec le récepteur  
*p* interação *f* de uma substância ativa com o receptor
- \* **interaction of antibiotic substances → 6151**
- 3549 interaction of antibiotics with other active principles**  
(Ant.)  
(Ref. to action in antibiotherapy.)  
*d* Zwischenwirkung *f* von Antibiotika mit anderen Wirkstoffen; Interaktion *f* von Antibiotika mit anderen Wirkstoffen

- f* interaction *f* des antibiotiques avec d'autres principes actifs  
*p* interação *f* dos antibióticos com outros princípios ativos
- 3550 interactions of ascorbic acid and metal ions** (Vit.)  
 (Vitamin physiology; ref. to the metal-ion metabolism, dietetic metal-ion absorption in anaemia treatment.)  
*d* Zwischenwirkungen *fpl* zwischen der Ascobinsäure und den Metallionen; Interaktionen *fpl* zwischen der Ascobinsäure und den Metallionen  
*f* interactions *fpl* entre l'acide ascorbique et les ions métalliques  
*p* interações *fpl* entre o ácido ascórbico e os íons metálicos
- 3551 interaction with the apoenzyme** (Enz.)  
 (Enzymology; biochemical activity in physiology.)  
*d* Interaktion *f* mit dem Apoenzym; Zwischenwirkung *f* mit dem Apoenzym  
*f* interaction *f* avec l'apoenzyme  
*p* interação *f* com a apoenzima
- 3552 interactive equilibrium** (Vit.)  
 (Vitamin technology; ref. to biochemical processes in vitamin activities.)  
*d* wechselwirkendes Gleichgewicht *n*; gegenseitiges Gleichgewicht *n*  
*f* équilibre *m* interactif  
*p* equilibrio *m* interactivo
- 3553 interactive synthesis product; interactive synthetic product** (Vit.)  
 (Vitamin technology: e.g. a synthetic vitamin, ref. to the use of vitamin therapy.)  
*d* interaktives Syntheseprodukt *n*; interaktives synthetisches Produkt *n*  
*f* produit *m* de synthèse interactif  
*p* produto *m* interactivo de síntese
- \* **interactive synthetic product** → 3553
- 3554 intercellular** *adj* (Cyt.)  
 (Ref. to what is occurring between the cells of a tissue.)  
*d* interzellulär; interzellulär  
*f* intercellulaire  
*p* intercelular
- 3555 intercellular mediator** (Horm.)  
 (E.g. acting together with hormones.)  
*d* interzellulärer Vermittler *m*  
*f* médiateur *m* intercellulaire  
*p* mediador *m* intercelular
- 3556 interchangeable** *adj* (Prod.)  
 (Pharmaceutical technology; product characteristic.)  
*d* austauschbar  
*f* interchangeable  
*p* intercambiável
- 3557 intercostal administering** (Med.)  
 (Administration of medicaments between the ribs.)  
*d* interkostale Verabreichung *f*  
*f* administration *f* intercostale  
*p* administração *f* intercostal
- 3558 interface tension** (Prod.)  
 (Pharmaceutical chemistry; ref. to a boundary (in chemistry) with a common surface with two phases.)  
*d* Grenzflächenspannung *f*  
*f* tension *f* interfaciale  
*p* tensão *f* interfacial
- 3559 interference pharmacology** (Pharm.)  
 (Study of interactions between other substances (as e.g. caffeine) with medicaments.)  
*d* Interferenzpharmakologie *f*; Interferenz-Arzneimittelkunde *f*  
*f* pharmacologie *f* d'interférence  
*p* farmacologia *f* de interferência
- 3560 interferon** (Cyt.)  
 (Stimulated by viral activity within the cells, proteinaceous substance with protective activity, obtained from leucocytes (white blood cells).)  
*d* Interferon *n*  
*f* interféron *m*  
*p* interferona *f*
- 3561 interferon inhibitors** (Cyt.)  
 (E.g. proteins of the virus infected cells.)  
*d* Interferonhemmstoffe *mpl*  
*f* inhibiteurs *mpl* d'interféron  
*p* inibidores *mpl* de interferona

- 3562 interferons obtained from cultures of human cells**  
(Prod.)  
(Biotechnology as applied biological science aimed at industrial exploitation.)  
*d* Interferone *npl* gewonnen aus Kulturen menschlicher Zellen  
*f* interférons *mpl* obtenus des cultures de cellules humaines  
*p* interferonas *fpl* obtidas de culturas de células humanas
- 3563 interior of the chemical complex**  
(Enz.)  
(Enzyme/protein biochemistry.)  
*d* Innere *n* des chemischen Komplexes  
*f* intérieur *m* du complexe chimique  
*p* interior *m* do complexo químico
- 3564 interior of the tablet**  
(Prod.)  
(Pharmaceutical chemistry; tablet part.)  
*d* Innere *n* der Tablette  
*f* intérieur *m* du comprimé  
*p* interior *m* do comprimido
- 3565 intermediary catalyzer**  
(Enz.)  
(Ref. to the phenomenon of reversible redox systems.)  
*d* Zwischenkatalysator *m*  
*f* catalyseur *m* intermédiaire  
*p* catalisador *m* intermediário
- 3566 intermediary host**  
(Med.)  
(Bacteriology; ref. all type of hosts, where the parasite has no sexual reproduction; see entry: definitive host.)  
*d* Zwischenwirt *m*  
*f* hôte *m* intermédiaire  
*p* hospedeiro *m* intermediário
- 3567 intermediary metabolism**  
(Med.)  
(Refers to the metabolic process between the end of assimilation and the beginning of disassimilation.)  
*d* Intermediärstoffwechsel *m*  
*f* métabolisme *m* intermédiaire  
*p* metabolismo *m* intermediário
- 3568 intermediary proteins**  
(Horm.)  
(Hormone biochemistry; ref. to the stimulation of genetic transcription.)  
*d* Vermittler-Proteine *npl*; intermediäre Proteine *npl*  
*f* protéines *fpl* intermédiaires  
*p* proteínas *fpl* intermediárias
- 3569 intermediate derivate**  
(Vit.)  
(Vitamin chemistry/technology.)  
*d* Zwischenderivat *n*  
*f* dérivé *m* intermédiaire  
*p* derivado *m* intermediário
- 3570 intermediate enzyme-substrate combination**  
(Enz.)  
(Enzymology.)  
*d* Enzym-Substrat-Zwischenverbindung *f*  
*f* combinaison *f* intermédiaire d'enzyme-substrat  
*p* combinação *f* intermediário de enzima-substrato
- 3571 intermittent incontinence**  
(Med.)  
(Ref. to a type of pathological involuntary passage of urine/feeces.)  
*d* intermittierende Inkontinenz *f*; zeitweilig aussetzende Inkontinenz *f*  
*f* incontinence *f* intermittente; incontinence *f* non-continue  
*p* incontinência *f* intermitente; incontinência *f* não contínua
- 3572 intermittent pain; not continuous pain**  
(Med.)  
(Requiring analgesic treatment.)  
*d* intermittierender Schmerz *m*; zeitweilig aussetzender Schmerz *m*  
*f* douleur *f* intermittente; douleur *f* non-continue  
*p* dor *f* intermitente; dor *f* não contínua
- 3573 intermolecular forces**  
(Prod.)  
(Pharmaceutical chemistry; between the molecules of a body.)  
*d* intermolekulare Kräfte *fpl*; zwischenmolekulare Kräfte *fpl*  
*f* forces *fpl* intermoléculaires  
*p* forças *fpl* intermoleculares
- 3574 intermolecular reaction**  
(Prod.)  
(Pharmaceutical chemistry; between the molecules of a body.)  
*d* intermolekulare Reaktion *f*  
*f* réaction *f* intermoléculaire  
*p* reação *f* intermolecular

- 3575 intermolecular space**  
(Prod.)  
(Pharmaceutical chemistry; between the molecules of a body.)  
*d* intermolekularer Raum *m*  
*f* espace *m* intermoléculaire  
*p* espaço *f* intermolecular
- 3576 internal electron shell**  
(Mol.)  
(Ref. to atomic energy level.)  
*d* innere Elektronenschale *f*  
*f* couche *f* interne électronique  
*p* camada *f* eletrônica interna
- 3577 internal hormonal pancreatic secretions of insulin and glucagons**  
(Horm.)  
(Hormone physiology.)  
*d* interne hormonelle Absonderungen *fpl* der Bauchspeicheldrüse von Insulin und Glucagon  
*f* sécrétions *fpl* internes hormonales pancréatiques de insuline et glucagon  
*p* secreções *fpl* internas hormonais pancreáticas de insulina e glicagônio
- 3578 internal organs**  
(Anat.)  
(Ref. to the internal parts of the body.)  
*d* innere Organe *npl*  
*f* organes *mpl* internes  
*p* órgãos *mpl* internos; vísceras *fpl*
- 3579 internal pressure**  
(Prod.)  
(Pharmaceutical processes; ref. to processing activities.)  
*d* innerer Druck *m*  
*f* pression *f* interne  
*p* pressão *f* interna
- 3580 internal secretion**  
(Horm.)  
(Endogenous (within the organism) secretion of hormones.)  
*d* innere Sekretion *f*; innere Drüsenabsonderung *f*  
*f* sécrétion *f* interne  
*p* secreção *f* interna
- 3581 interphase**  
(Cyt.)  
(Stage of DNA synthesis within the cell.)  
*d* Interphase *f*  
*f* interphase *f*  
*p* intérfase *f*
- 3582 interreaction; reciprocal reaction**  
(Prod.)  
(E.g. of substances in pharmaceutical processes.)  
*d* Interreaktion *f*; wechselseitige Reaktion *f*  
*f* interrèaction *f*; réaction *f* réciproque  
*p* interreação *f*; reação *f* recíproca
- 3583 interruption of synthesis**  
(Prod.)  
(In chemical/biochemical processes.)  
*d* Syntheseunterbrechung *f*  
*f* interruption *f* de synthèse; rupture *f* de synthèse  
*p* interrupção *f* da síntese
- 3584 interstitial cell-stimulating hormone**  
(Horm.)  
(ICSH; luteinizing hormone (see this entry); LH; a gonadotrop[h]ic hormone of the pituitary gland.)  
*d* interstitielles zellenanregendes Hormon *n*  
*f* hormone *f* interstitielle stimulante cellulaire  
*p* hormônio *m* intersticial estimulante celular
- 3585 intervallic treatment**  
(Med.)  
(Used in diseases which occur in form of attacks: ref. to the intervals of them.)  
*d* Intervallbehandlung *f*  
*f* traitement *m* par intervalles  
*p* tratamento *m* em intervalos
- 3586 intervention**  
(Med.)  
(Minor surgical intervention.)  
*d* Eingriff *m*  
*f* intervention *f*  
*p* procedimento *m*
- 3587 intervention of biological procedures in biotechnological production**  
(Enz.)  
(Ref. to the studies, experimentation, research in biotechnology.)  
*d* Eingriff *m* der biologischen Verfahren in die Produktion der Biotechnologie  
*f* intervention *f* des procédés biologiques dans la production biotechnologique  
*p* intervenção *f* dos procedimentos biológicos na produção biotecnológica; intervenção *f* dos processos biológicos na produção biotecnológica
- 3588 interweaving between coenzyme and protein**  
(Enz.)  
(Enzymology; ref. to the fixation possibility between a coenzyme and a protein.)

- d* Verflechtung *f* zwischen Coenzym und Protein; Ineinandergreifen *n* zwischen dem Coenzym und seinem Protein  
*f* imbrication *f* entre coenzyme et protéine  
*p* entrelaçamento *m* entre coenzima e proteína
- 3589 intestinal absorption of calcium**  
 (Vit.)  
 (Promoted e.g. by certain vitamin D<sub>3</sub>-derivative.)  
*d* intestinale Calcium-Absorption *f*;  
 Kalzium-Aufnahme *f* durch den Darmkanal;  
 Kalzium-Aufnahme *f* durch den Darmtrakt  
*f* absorption *f* intestinale de calcium  
*p* absorção *f* intestinal de cálcio
- 3590 intestinal administration**  
 (Med.)  
 (Administering of medicinal drugs through the intestine.)  
*d* intestinale Verabreichung *f*  
*f* administration *f* intestinale  
*p* administração *f* intestinal
- 3591 intestinal enzymes**  
 (Enz.)  
 (Enzymology. Physiology.)  
*d* Darmenzyme *npl*  
*f* enzymes *mpl* intestinaux  
*p* enzimas *fpl* intestinais
- 3592 intestinal enzymes participating in the degradation of oligosaccharides**  
 (Enz.)  
 (E.g. ref. to alpha-glucosidase.)  
*d* Darm-Enzyme *npl*, welche am Abbau der Oligosaccharide teilnehmen  
*f* enzymes *fpl* intestinales participantes à la dégradation des oligosaccharides  
*p* enzimas *fpl* intestinais envolvidas na degradação dos oligossacarídeos
- 3593 intestinal flora**  
 (Med.)  
 (Normal intestinal flora with vitamin K-synthesizing bacteria.)  
*d* Darmflora *f*  
*f* flore *f* intestinale  
*p* flora *f* intestinal
- 3594 intestinal non-absorption**  
 (Vit.)  
 (Absorption problems of certain vitamins, causing deficiency problems.)  
*d* Nichtabsorption *f* durch den Darm  
*f* non-absorption *f* intestinale  
*p* não-absorção *f* intestinal
- 3595 intestinal non-absorption of vitamin B<sub>12</sub>**  
 (Vit.)  
 (Non-absorption from nutrition (e.g. due to failure to produce intrinsic factor) causes pernicious anaemia.)  
*d* fehlende Darmabsorption *f* des Vitamins B<sub>12</sub>  
*f* non-absorption *f* intestinale de la vitamine B<sub>12</sub>  
*p* não-absorção *f* intestinal da vitamina B<sub>12</sub>
- 3596 intestinal vitamin synthesis of the B complex by yeast**  
 (Vit.)  
 (Vitamin physiology; e.g. by certain saccharomyces; ref. to a medicament containing this yeast type (in treatment of intestinal flora).)  
*d* Synthese *f* auf Darmniveau von Vitaminen des Komplexes B durch Fermente  
*f* synthèse *f* intestinale des vitamines du complexe B par les levures  
*p* síntese *f* intestinal de vitaminas do complexo B por levedos
- 3597 intestine**  
 (Anat.)  
 (Bowel; gut; alimentary canal section, extending from the stomach to the anus.)  
*d* Darm *m*  
*f* intestin *m*  
*p* intestino *m*
- 3598 in the course of heating *adv***  
 (Prod.)  
 (In pharmaceutical processes.)  
*d* im Verlauf der Erhitzung  
*f* au cours du chauffage  
*p* no decorrer do aquecimento
- 3599 in the form of ointment *adv***  
 (Prod.)  
 (Fine chemical technology; product form.)  
*d* in Salbenform; in Form einer Salbe  
*f* sous forme d'onguent  
*p* sob a forma de unguento
- 3600 in the form of pure substance *adv***  
 (Vit.)  
 (Vitamin technology: pure vitamin substance, e.g. without additives and/or auxiliaries.)  
*d* in Form der Reinsubstanz  
*f* sous la forme de la substance pure  
*p* em forma da substância pura
- 3601 in therapy employed natural/synthetic hormone preparations**  
 (Horm.)  
 (Hormone biochemistry; hormone physiology; e.g. hormone substitution therapy.)



- d* in der Therapie eingesetzte natürliche/synthetische Hormonpräparate *npl*  
*f* préparations *fpl* naturelles/synthétiques de hormones employées en thérapeutique  
*p* preparações *fpl* naturais/sintéticas de hormônios empregadas na terapia
- 3602 intima**  
 (Anat.)  
 (Tuna intima; inner layer of the wall of blood vessels.)  
*d* Intima *f*  
*f* intima *f*  
*p* íntima *f*
- 3603 intolerance of antibiotics**  
 (Ant.)  
 (Exceptional sensitivity to this kind of drugs.)  
*d* Unverträglichkeit *f* gegenüber Antibiotika  
*f* intolérance *f* aux antibiotiques  
*p* intolerância *f* aos antibióticos
- 3604 intoxication**  
 (Vit.)  
 (If resulting from biochemical disequilibrium, it can be corrected by restoration of this type of equilibrium which is related e.g. to vitamin intake etc.)  
*d* Intoxikation *f*; Vergiftung *f*  
*f* intoxication *f*  
*p* intoxicação
- 3605 intraarterial administration of medicinal drugs**  
 (Med.)  
 (Way of administering through the artery.)  
*d* intraarterielle Verabreichung *f* von Arzneimitteln  
*f* administration *f* intraartérielle de médicaments  
*p* administração *f* intraarterial de medicamentos
- 3606 intra-articular adj**  
 (Med.)  
 (Introduced into a joint, as: intra-articular injection.)  
*d* intraartikulär  
*f* intra-articulaire  
*p* intra-articular
- \* **intracardiac** → **3607**
- 3607 intracardial; intracardiac adj**  
 (Med.)  
 (Introduced within the heart, as: intracardial injection.)  
*d* intrakardial  
*f* intracardiaque  
*p* intracardiaco
- 3608 intracellular adj**  
 (Cyt.)  
 (Taking place within the cell.)  
*d* intrazellulär; intrazellulär  
*f* intracellulaire  
*p* intracelular
- 3609 intracellular concentration**  
 (Cyt.)  
 (Cytology; ref. to cell activity.)  
*d* intrazelluläre Konzentration *f*  
*f* concentration *f* intracellulaire  
*p* concentração *f* intracelular
- 3610 intracellular digestion**  
 (Cyt.)  
 (Processes occurring inside the cell.)  
*d* intrazelluläre Verdauung *f*; intrazelluläre Verdauung *f*  
*f* digestion *f* intracellulaire  
*p* digestão *f* intracelular
- 3611 intracellular domain of the receptors**  
 (Horm.)  
 (Hormone biochemistry; ref. to hormone/receptor cell activity.)  
*d* intrazellulärer Rezeptorenbereich *m*  
*f* domaine *m* intracellulaire des récepteurs  
*p* local *m* intracelular dos receptores; região *f* intracelular dos receptores
- 3612 intracellular enzymes**  
 (Enz.)  
 (Enzymology. Physiology.)  
*d* intrazelluläre Enzyme *npl*  
*f* enzymes *fpl* intracellulaires  
*p* enzimas *fpl* intracelulares
- 3613 intracellular part of the receptor**  
 (Horm.)  
 (Hormone biochemistry; ref. to catalytic cell activity, e.g. in hormonal physiology.)  
*d* intrazellulärer Teil *m* des Rezeptors  
*f* partie *f* intracellulaire du récepteur  
*p* parte *f* intracelular do receptor
- 3614 intracellular penetration of an antibiotic**  
 (Ant.)  
 (Ref. to a characteristic of an antibiotic drug in antibiotherapy.)  
*d* intrazelluläre Durchdringung *f* eines Antibiotikums  
*f* pénétration *f* intracellulaire d'un antibiotique  
*p* penetração *f* intracelular de um antibiótico
- 3615 intracellular receptors**  
 (Horm.)  
 (Receptors for hydrophobic hormones, after penetration of the plasmatic membrane.)

- d* intrazelluläre Rezeptoren *mpl*  
*f* récepteurs *mpl* intracellulaires  
*p* receptores *mpl* intracelulares
- 3616 intracellular vitamin transport**  
 (Vit.)  
 (Vitamin physiology; ref. to vitamin transport within the cell.)  
*d* intrazellulärer Vitamin-Transport *m*  
*f* transport *m* vitaminique intracellulaire  
*p* transporte *m* intracelular de vitaminas
- 3617 intracervical administering of a medicament**  
 (Med.)  
 (Ref. especially to the cervix of the womb (uterus).)  
*d* intrazervikale Medikamentenapplikation *f*  
*f* administration *f* intracervicale d'un médicament  
*p* administração *f* intracervical de um medicamento
- 3618 intracutaneous adj**  
 (Med.)  
 (Intradermal; administered into the skin.)  
*d* intrakutan  
*f* intracutané  
*p* intracutâneo
- 3619 intradermal injection**  
 (Prod.)  
 (Pharmaceutical technology; injection within the skin.)  
*d* Hautinjektion *f*  
*f* injection *f* intradermique  
*p* injeção *f* intradérmica
- 3620 intragranular addition of the auxiliary in tableting**  
 (Prod.)  
 (Pharmaceutical technology; ref. to tableting processes.)  
*d* intragranulare Zugabe *f* des Hilfsproduktes bei der Tablettierung  
*f* addition *f* intragranulaire du produit auxiliaire dans la fabrication des comprimés  
*p* adição *f* intragranular do produto auxiliar na compressão de comprimidos
- 3621 intramitochondrial actions of vitamins**  
 (Vit.)  
 (Ref. to vitamin activity, promoting development of biochemical reactions which are necessary for tissue-life etc.)  
*d* Intramitochondriale Wirksamkeit *f* von Vitaminen  
*f* actions *fpl* intramitochondriales des vitamines  
*p* ações *fpl* intramitocondriais das vitaminas
- 3622 intramitochondrial effects**  
 (Vit.)  
 (Vitamin physiology: ref. to vitamin activity.)  
*d* intramitochondriale Wirkung *f*  
*f* effets *mpl* intramitocondriaux  
*p* efeitos *mpl* intramitocondrais
- 3623 intramolecular activity**  
 (Mol.)  
 (Ref. to a process occurring within a molecule.)  
*d* intramolekulare Aktivität *f*  
*f* activité *f* intramoléculaire  
*p* atividade *f* intramolecular
- 3624 intramolecular bond**  
 (Mol.)  
 (Bond within the molecule; e.g.: ionic bond; electrovalent bond (see this entry).)  
*d* intramolekulare Bindung *f*  
*f* liaison *f* intramoléculaire  
*p* ligação *f* intramolecular
- 3625 intramolecular distances**  
 (Mol.)  
 (Ref. to distances occurring within a molecule.)  
*d* intramolekulare Abstände *mpl*;  
 intramolekulare Entfernungen *fpl*  
*f* distances *fpl* intramoléculaires  
*p* distâncias *fpl* intramoleculares
- 3626 intramolecular reaction**  
 (Mol.)  
 (Ref. to a reaction between different parts of the respective molecule.)  
*d* intramolekulare Reaktion *f*  
*f* réaction *f* intramoléculaire  
*p* reação *f* intramolecular
- 3627 intramuscular adj**  
 (Med.)  
 (E.g. ref. to an application (as an injection) within the muscles.)  
*d* intramuskulär  
*f* intramusculaire  
*p* intramuscular
- 3628 intramuscular antibiotic drug**  
 (Ant.)  
 (Antibiotic form for application in antibiotherapy.)  
*d* intramuskuläres antibiotisches Arzneimittel *n*  
*f* médicament *m* antibiotique intramusculaire  
*p* medicamento *m* antibiótico intramuscular

- 3629 intramuscular application of a medicinal drug**  
(Med.)  
(E.g. injection within the muscle.)  
*d* intramuskuläre Arzneimittelapplikation *f*  
*f* administration *f* intramusculaire d'un médicament  
*p* aplicação *f* intramuscular de um medicamento
- 3630 intranuclear filamentous structure**  
(Cyt.)  
(Chromosome structure.)  
*d* fadenförmige intranukleare Struktur *f*  
*f* structure *f* filamenteuse intranucléaire  
*p* estrutura *f* filamentosa intranuclear
- 3631 intraocular injection**  
(Med.)  
(Injection within the eyeball in ophthalmologic treatments.)  
*d* intraokulare Injektion *f*  
*f* injection *f* intra-oculaire  
*p* injeção *f* intra-ocular
- 3632 intraocular pressure**  
(Med.)  
(Checking is important for eventual discovery of a glaucoma condition, increase of eye pressure with the possibility of damage to the optic nerve; normal values are between 15-20 mm Hg.)  
*d* Augeninnendruck *m*; intraokulärer Druck *m*  
*f* pression *f* intra-oculaire  
*p* pressão *f* intra-ocular
- 3633 intraperitoneal administration of medicinal drugs**  
(Med.)  
(Ref. to the peritoneum, membrane of the abdominal cavity.)  
*d* intraperitoneale Verabreichung *f* von Arzneimitteln  
*f* administration *f* intrapéritonéale de médicaments  
*p* administração *f* intraperitoneal de medicamentos
- 3634 intraperitoneal toxicity**  
(Med.)  
(Ref. to toxicological studies with pharmaceutical and chemical substances; related to the peritoneum, the membrane of the abdominal cavity.)  
*d* intraperitoneale Toxizität *f*; intraperitoneale Giftigkeit *f*  
*f* toxicité *f* intrapéritonéale  
*p* toxicidade *f* intraperitoneal
- 3635 intraureteral administration of medicaments; intraureteric administering of medicaments**  
(Med.)  
(Administration of the medicament through the ureter, urine conduct from the kidney to the bladder.)  
*d* intraureterale Verabreichung *f* von Medikamenten; Arzneimittelverabreichung *f* durch den Harnleiter  
*f* administration *f* intraurétérale de médicaments  
*p* administração *f* intraureteral de medicamentos
- \* **intraureteric administering of medicaments** → 3635
- 3636 intraurethral application of medicinal drug**  
(Med.)  
(Administration of the medicament through the urethra, the urine-conducting tube from the bladder to the exterior.)  
*d* intraurethrale Medikamentenapplikation *f*; Arzneimittelverabreichung *f* durch die Harnröhre  
*f* administration *f* intraurétrale de médicaments  
*p* aplicação *f* intrauretral de medicamentos
- 3637 intravenous administration of medicinal drugs**  
(Med.)  
(Way of administering through the vein.)  
*d* intravenöse Verabreichung *f* von Arzneimitteln  
*f* administration *f* endoveineuse de médicaments; administration *f* intraveineuse de médicaments  
*p* administração *f* endovenosa de medicamentos; administração *f* intravenosa de medicamentos
- 3638 intravenous antibiotic**  
(Ant.)  
(Antibiotic form for application in antibiotherapy.)  
*d* intravenöses Antibiotikum *n*  
*f* antibiotique *m* intraveineux  
*p* antibiótico *m* intravenoso
- 3639 intravenous antibiotic drug form**  
(Ant.)  
(Antibiotic form for application in antibiotherapy.)  
*d* intravenöse antibiotische Arzneimittelform *f*  
*f* forme *f* médicamenteuse antibiotique intraveineuse  
*p* forma *f* medicamentosa antibiótica intravenosea

- 3640 intravenous narcosis**  
(Prod.)  
(Ref. to narcosis type: by injection through a vein.)  
*d* intravenöse Narkose *f*  
*f* narcose *f* intraveineuse  
*p* anestesia *f* intravenosa
- 3641 intrinsic factor**  
(Enz.)  
(Gastric glycoprotein, necessary for vitamin B<sub>12</sub> absorption, avoiding pernicious anaemia.)  
*d* Intrinsic-Faktor *m*; intrinsischer Faktor *m*; Aufnahmefaktor *m*  
*f* facteur *m* intrinsèque  
*p* fator *m* intrínseco
- 3642 intrinsic interference**  
(Cyt.)  
(Ref. to virus-induced cell immunity against superinfection by another virus.)  
*d* intrinsische Interferenz *f*  
*f* interférence *f* intrinsèque  
*p* interferência *f* intrínseca
- 3643 intrinsic viscosity; inherent viscosity**  
(Prod.)  
(Pharmaceutical technology; viscosity type; (auxiliary) product characteristic.)  
*d* intrinsische Viskosität *f*; Intrinsic-Viskosität *f*  
*f* viscosité *f* intrinsèque  
*p* viscosidade *f* intrínseca; viscosidade *f* essencial
- 3644 introduce v an expectorant into the ramifications of the bronchial tree by inhalation**  
(Med.)  
(Ref. to local drug application.)  
*d* schleimlösendes Mittel durch Inhalation in die Luftröhrenäste des Bronchialbaumes einbringen  
*f* introduire un expectorant dans les bronches de l'arbre bronchique par inhalation  
*p* introduzir um expectorante nas ramificações da árvore bronquial por inalação
- \* **introduce v microorganisms into a substrate** → 3504
- 3645 introduction of protons into the respiratory chain**  
(Vit.)  
(Vitamin biochemistry, ref. to vitamin B<sub>2</sub> (riboflavin) activity.)  
*d* Protonen-Einführung *f* in die Atmungskette  
*f* introduction *f* de protons dans la chaîne respiratoire  
*p* introdução *f* de prótons na cadeia respiratória
- 3646 invagination**  
(Prod.)  
(Pharmaceutical technology; e.g. infolding, to form a cavity.)  
*d* Invagination *f*; Einstülpung *f*; Einstülpfen *n*  
*f* invagination *f*  
*p* invaginação *f*
- 3647 invasion of pathogens into the blood circle**  
(Med.)  
(Ref. of the entry of bacteria into the organism.)  
*d* Invasion *f* von Krankheitserregern in den Blutkreislauf; Eindringen *n* von Krankheitserregern in den Blutkreislauf  
*f* invasion *f* d'agents pathogènes dans la circulation du sang  
*p* invasão *f* de agentes patogênicos na circulação do sangue
- 3648 inversion**  
(Prod.)  
(Pharmaceutical technology; e.g. inversion of cane sugar, sucrose into dextrose and levulose, yielding invert sugar; e.g. in honey.)  
*d* Inversion *f*; Umwandlung *f*  
*f* inversion *f*; dédoublement *m*  
*p* inversão *f*; desdobramento *m*
- 3649 inversion of action of a therapeutic substance**  
(Prod.)  
(Pharmaceutical technology; ref. to conservation problems which may occur by contact between substances.)  
*d* Umkehrung *f* der Aktion einer therapeutischen Substanz  
*f* inversion *f* d'action d'une substance thérapeutique  
*p* inversão *f* de ação de uma substância terapêutica
- 3650 inversion of configuration of chemical compounds**  
(Mol.)  
(Configuration: spatial arrangement of atoms or atom groups within a molecule; these arrangements effect the properties of (medicamentous) molecules.)  
*d* Inversion *f* der Konfiguration chemischer Verbindungen; Umkehr *f* der Konfiguration chemischer Verbindungen  
*f* inversion *f* de la configuration de composés chimiques  
*p* inversão *f* da configuração de compostos químicos

- 3651 invert sugar**  
(Prod.)  
(Pharmaceutical chemistry; dextrose levulose mixture produced by the inversion of sucrose (C<sub>12</sub>H<sub>22</sub>O<sub>11</sub>)).
- d* Invertzucker *m*  
*f* sucre *m* inverti  
*p* açúcar *m* invertido
- 3652 investigation of biochemical activities of the vitamins**  
(Vit.)  
(Vitamin physiology.)
- d* Untersuchung *f* der biochemischen Wirkungsweise der Vitamine  
*f* exploration *f* des activités biochimiques des vitamines  
*p* investigação *f* das atividades bioquímicas das vitaminas
- 3653 investigation of dispersion stability**  
(Prod.)  
(Pharmaceutical chemistry; ref. to dispersion characteristic, dispersion research.)
- d* Untersuchung *f* der Stabilität einer Dispersion  
*f* recherche *f* de la stabilité d'une dispersion  
*p* pesquisa *f* da estabilidade de uma dispersão
- 3654 in vitro-screening**  
(Prod.)  
(Pharmaceutical technology, process: screening in a test tube.)
- d* systematische "in vitro"-Untersuchung *f*  
*f* recherche *f* systématique "in vitro"  
*p* pesquisa *f* sistemática "in vitro"
- 3655 iodate v**  
(Horm.)  
(Ref. to iodated characteristic of certain substances: like some tyrosines.)
- d* jodieren  
*f* ioder  
*p* iodurar
- 3656 iodine as a mild antiseptic**  
(Prod.)  
(Pharmaceutical technology; symbol: I.)
- d* Iod *n* als ein mildwirkendes Antiseptikum  
*f* iode *m* comme un antiseptique d'action douce  
*p* iode *m* como um anti-séptico suave
- \* iodogorgoic acid → 1936
- 3657 ion conveyed by the blood**  
(Cyt.)  
(Ref. to functioning of cellular osmolarity.)
- d* von dem Blut zugeführtes Ion *n*  
*f* ion *m* apporté par le sang  
*p* ion *m* trazido pelo sangue
- 3658 ion exchange balance**  
(Med.)  
(Ref. to trace element-activity within the body.)
- d* Ionenaustauschgleichgewicht *n*  
*f* équilibre *m* des échanges entre les ions  
*p* equilíbrio *m* de troca entre ions
- 3659 ion-exchange chromatography**  
(Prod.)  
(Fine chemical technology; separation technique.)
- d* Ionenaustauschchromatographie *f*  
*f* chromatographie *f* d'échange d'ions  
*p* cromatografia *f* de intercâmbio de ions
- 3660 ionic bond; electrovalent bond**  
(Mol.)  
(Medicamentous molecules: bond-type formed by electron transfer; an atom loosing an electron = cation; atom gaining an electron = anion.)
- d* Ionenbindung *f*; elektrovalente Bindung *f*  
*f* liaison *f* ionique; liaison *f* par électrovalence  
*p* ligação *f* iônica; ligação *f* eletrovalente
- 3661 ionic bond due to attraction between ions**  
(Mol.)  
(Bond-type formed by electron transfer; an atom loosing an electron = cation; atom gaining an electron = anion; only between a metal and a nonmetal.)
- d* Ionenbindung *f* durch die Anziehungskraft zwischen Ionen  
*f* liaison *f* ionique due à l'attraction entre les ions  
*p* ligação *f* iônica é devida à atração entre íons
- 3662 ionic strength**  
(Mol.)  
(Symbol I, which expresses the ion charge effect in a chemical solution.)
- d* Ionenstärke *f*  
*f* force *f* ionique  
*p* força *f* iônica
- 3663 ionization**  
(Mol.)  
(Electron removal; splitting off of an electron from an atom.)
- d* Ionisation *f*  
*f* ionisation *f*  
*p* ionização *f*

- 3664 ionization constant**  
(Mol.)  
(Ref. to ion-formation processes; effects of electron behaviour in molecules/products.)  
*d* Ionisierungskonstante *f*; Größe *f* der Ionisierung  
*f* constante *f* d'ionisation  
*p* constante *f* de ionização
- 3665 ionization energy**  
(Mol.)  
(Ref. to energy necessary for the ionization process of an atom or a molecule.)  
*d* Ionisierungsenergie *f*  
*f* énergie *f* d'ionisation  
*p* energia *f* de ionização
- 3666 ionization potential**  
(Mol.)  
(Energy necessary for capturing a peripheral electron.)  
*d* Ionisationspotential *n*  
*f* potentiel *m* d'ionisation  
*p* potencial *f* de ionização
- 3667 ionized polar grouping**  
(Mol.)  
(Molecular biology; ion: atom/group of atoms carrying a positive electric charge due to the fact of having lost or gained one or more electrons.)  
*d* ionisierte polare Gruppierung *f*  
*f* groupement *m* polaires ionisé  
*p* grupamento *m* polare ionizado
- 3668 ion rejected by the cellules**  
(Cyt.)  
(Ref. to functioning of cellular osmolarity.)  
*d* von den Zellen abgestoßenes Ion *n*  
*f* ion *m* rejeté par les cellules  
*p* íon *m* rejeitado pelas células
- 3669 ions**  
(Mol.)  
(Ion is an atom that has lost electrons, turning it positively charged into a cation – or gained electrons, turning it negatively charged into an anion.)  
*d* Ionen *npl*  
*f* ions *mpl*  
*p* íons *mpl*
- 3670 ion taken up by the cellules**  
(Cyt.)  
(Ref. to functioning of cellular osmolarity.)  
*d* von den Zellen entnommenes Ion *n*  
*f* ion *m* prélevé par les cellules
- p* íon *m* retirado pelas células
- \* **ipecac extract** → **3671**
- 3671 ipecacuanha extract; ipecac extract**  
(Phyto.)  
("Cephaelis Ipecacuanha" (Rio or Brazilian Ipecac): appetite stimulant, expectorant, emetic, diaphoretic (sudorific).)  
*d* Ipekakuanha-Extrakt *m*;  
Brechwurzel-Auszug *m*  
*f* extrait *m* d'ipécacuanha  
*p* extrato *m* de ipecacuanha; extrato *m* da raiz-do-Brasil
- 3672 iris**  
(Anat.)  
(Ref. to eye structure; light entrance regulating eye structure.)  
*d* Iris *f*; Regenbogenhaut *f*  
*f* iris *m*  
*p* íris *m*
- 3673 iris; orris**  
(Phyto.)  
("Iris florentina; iris germanica"; principle: iridin; C<sub>24</sub>H<sub>26</sub>O<sub>13</sub>.)  
*d* Schwertlilie *f*; Iris *f*  
*f* iris *m*; iris *m* de Florence  
*p* íris *f*; planta *f* das iridáceas
- 3674 iris; blue flag; flag lily**  
(Phyto.)  
("Iris versicolor L." Principle e.g.: isophthalic acid; emetic, cathartic (C<sub>8</sub>H<sub>6</sub>O<sub>4</sub>).)  
*d* Schwertlilie *f*; nordamerikanische Iris *f*  
*f* iris *f*; iris *m* de l'Amérique du Nord  
*p* íris *f*; iris *f* do América do Norte
- 3675 iron(III) chloride; ferric chloride**  
(Vit.)  
(FeCl<sub>3</sub>; additive in vitamin processing in certain interaction-preventions.)  
*d* Eisen(III)chlorid *n*  
*f* chlorure *m* ferrique  
*p* cloreto *m* férrico
- 3676 iron-deficiency anaemia due to transferrin deficiency**  
(Enz.)  
(A transferrinemia; congenital disease.)  
*d* Eisenmangelanämie *f* durch Mangel an Eisentransportprotein  
*f* anémie *f* par carence en fer à la suite du manque de transferrine  
*p* anemia *f* ferropriva devido à deficiência da proteína ferro-transportadora

- 3677 iron in vitamin preparations**  
(Vit.)  
(Vitamin technology; Fe; essential microelement for the human body, promoting the transfer of oxygen; contained in haemoglobin within the red blood cells (erythrocytes); deficiency: anaemia.)  
*d* Eisen *n* in Vitaminpräparaten  
*f* fer *m* dans des préparations vitaminiques  
*p* ferro *m* em preparações vitamínica
- 3678 iron oxide**  
(Prod.)  
(Colouring agent, inorganic pigment; auxiliary in pharmaceutical processes/production.)  
*d* Eisenoxid *n*  
*f* oxyde *m* de fer  
*p* óxido *m* de ferro
- 3679 iron salts**  
(Vit.)  
(Vitamin technology; trace element affecting vitamin stability.)  
*d* Eisensalze *npl*  
*f* sels *mpl* de fer  
*p* sais *mpl* de ferro
- 3680 irradiation by crosslinking**  
(Prod.)  
(Pharmaceutical technology; ref. to a crosslinking process e.g. of polyvinylpyrrolidone types.)  
*d* Vernetzung *f* durch Irradiation; Bestrahlungsvernetzung *f*  
*f* réticulation *f* par l'irradiation  
*p* reticulação *f* por irradiação
- 3681 irradiation process**  
(Vit.)  
(Vitamin technology; ref. to: synthesis of vitamin D<sub>3</sub>; see this entry.)  
*d* Bestrahlungsprozess *m*  
*f* processus *m* d'irradiation  
*p* processo *m* de irradiação
- 3682 irreversible chemical process**  
(Prod.)  
(Pharmaceutical technology; a process opposed to: reversible chemical reaction; see this entry; natural processes are irreversible.)  
*d* nicht umkehrbarer chemischer Prozess *m*; irreversibler chemischer Prozess *m*  
*f* processus *m* chimique irréversible  
*p* processo *m* químico irreversível
- 3683 irreversible effect**  
(Prod.)  
(E.g. in chemical compounds, pharmaceutical processes.)  
*d* irreversible Wirkung *f*  
*f* effet *m* irréversible  
*p* efeito *m* irreversível
- 3684 irreversible side-effects of antibiotics**  
(Ant.)  
(Ref. to lasting negative (injurious to health) "medicamentous side-effect"; see also this entry.)  
*d* irreversible Nebenwirkungen *fpl* von Antibiotika; nicht rückgängig zu machende Nebenwirkungen *fpl* von Antibiotika  
*f* effets *mpl* latéraux irréversibles des antibiotiques  
*p* efeitos *mpl* laterais irreversíveis dos antibióticos
- 3685 islets of Langerhans**  
(Anat.)  
(Pancreatic cells, secreting the hormones insulin and glucagon. (As to German pathologist P. Langerhans (1847-1888). These cells are stimulated in their production by thiamine pyrophosphate, vitamin B<sub>1</sub>.)  
*d* Langerhansinseln *fpl*; Langerhanssche Inseln *fpl*  
*f* îlots *mpl* de Langerhans  
*p* ilhotas *fpl* de Langerhans
- 3686 isoantibodies; alloantibodies**  
(Med.)  
(Immunology: antibodies against foreign cell constituents from individuals of the same species.)  
*d* Isoantikörper *mpl*  
*f* iso-anticorps *mpl*  
*p* isso-anticorpos *mpl*
- 3687 isoascorbic acid in the field of nutrition**  
(Vit.)  
(Vitamin technology; C<sub>6</sub>H<sub>8</sub>O<sub>6</sub>; erythorbic acid; isovitamin C; ascorbic acid isomer, having only poor vitamin C activity; antioxidant in nutrition.)  
*d* Isoascorbinsäure *f* auf dem Gebiete der Ernährung  
*f* acide *m* isoascorbique dans le domaine de l'alimentation  
*p* ácido *m* isoascórbico no campo da alimentação
- 3688 isobar**  
(Mol.)  
(E.g. two atoms showing the same atomic weights, the same mass numbers, having different atomic numbers.)

- d* Isobar *n*  
*f* isobare *m*  
*p* isóbaro *m*
- 3689 isobaric** *adj*  
 (Mol.)  
 (See entry: isobar.)  
*d* isobar  
*f* isobare  
*p* isobárico
- 3690 isoflavones are able to activate the estrogenic receptors**  
 (Phyto.)  
 (Isoflavones, used in phytotherapeutic hormone substitution therapy; source: red clover (see this entry), the leaves of which contain 10 times more of this principle than has the soybean; biotechnology.)  
*d* Isoflavone *fpl* sind in der Lage die Östrogen-Rezeptoren zu aktivieren  
*f* isoflavones *fpl* sont capables d'activer les récepteurs de l'estrogène  
*p* isoflavonas *fpl* são capazes de ativar os receptores estrogênicos
- 3691 isoflavones do not activate the androgenic receptors**  
 (Pharm.)  
 (Isoflavones, used in phytotherapeutic hormone substitution therapy; source: red clover (see this entry), the leaves of which contain 10 times more of this principle than has the soybean; biotechnology.)  
*d* Isoflavone *fpl* aktivieren die androgenen Rezeptoren nicht  
*f* isoflavones *fpl* n'active pas les récepteurs androgéniques  
*p* isoflavonas *fpl* não ativam os receptores androgênicos
- 3692 isoflavones do not bind to androgenic receptors**  
 (Pharm.)  
 (Isoflavones, used in phytotherapeutic hormone substitution therapy; source: red clover (see this entry), the leaves of which contain 10 times more of this principle than has the soybean; biotechnology.)  
*d* Isoflavone *fpl* binden sich nicht an androgene Rezeptoren  
*f* isoflavones *fpl* ne se lient pas aux récepteurs androgéniques  
*p* isoflavonas *fpl* não se ligam aos receptores androgênicos
- 3693 isoimmunization**  
 (Med.)  
 (Condition of having isoantibodies (see this entry) within the organism, acting against antigens for another individual of the same species.)  
*d* Isoimmunisierung *f*  
*f* iso-immunisation *f*  
*p* iso-imunização *f*
- 3694 isolating subcoating of tablet cores**  
 (Prod.)  
 (Pharmaceutical technology: in tableting; barrier (protection) film of the tablet core.)  
*d* isolierender Zwischenüberzug *m* von Tablettenkernen  
*f* isolation *f* des noyaux de dragées; couche *f* d'apprêt isolante des noyaux de dragée  
*p* isolamento *m* de núcleos de comprimidos; revestimento *m* isolador dos núcleos
- 3695 isolation film; barrier film**  
 (Prod.)  
 (Pharmaceutical (tableting) technology.)  
*d* Barrierefilm *m*  
*f* film *m* isolant  
*p* filme *m* isolante; película *f* isolante
- 3696 isolation of a vitamin**  
 (Vit.)  
 (Vitamin biochemistry; in chemical structure identification.)  
*d* Isolierung *f* eines Vitamins  
*f* isolation *f* d'une vitamine  
*p* isolamento *m* de uma vitamina; isolação *f* de uma vitamina
- 3697 isolation of the pathogen**  
 (Med.)  
 (Ref. to research etc; separation of germs for investigation purposes.)  
*d* Isolation *f* eines Krankheitserregers; Absonderung *f* eines Krankheitserregers  
*f* isolation *f* d'un agent pathogène  
*p* isolação *f* de um agente patogênico; isolamento *m* de um agente patogênico
- 3698 isoleucine**  
 (Enz.)  
 (C<sub>6</sub>H<sub>13</sub>NO<sub>2</sub>; essential amino acid.)  
*d* Isoleucin *n*  
*f* isoleucine *f*  
*p* isoleucina *f*
- 3699 isomer**  
 (Prod.)  
 (Pharmaceutical chemistry; phenomena, of having chemical compounds (medicamentous molecules) with different chemical and physical characteristics the same molecular formula ref. to their molecule number.)



- d* Isomer *n*  
*f* isomère *m*  
*p* isómero *m*
- 3700 isomerases**  
 (Enz.)  
 (Enzyme classification. Enzymes that catalyze isomerization reactions.)  
*d* Isomerasen *fpl*  
*f* isomérasés *fpl*  
*p* isomerases *fpl*
- 3701 isomeric chemical compound**  
 (Mol.)  
 (Ref. to isomerism, i.e.: compounds showing the same molecular formulae, but having different molecular structures or different atomic spatial arrangements.)  
*d* isomere chemische Verbindung *f*  
*f* composé *m* chimique isomère  
*p* composto *m* químico isómero
- 3702 isomerization**  
 (Prod.)  
 (Pharmaceutical chemistry; phenomena, of having chemical compounds (medicamentous molecules) with different chemical and physical characteristics the same molecular formula ref. to their molecule number. In some cases improving solubility.)  
*d* Isomerisierung *f*  
*f* isomérisation *f*  
*p* isomerização *f*
- \* **isoniazid** → **3703**
- 3703 isonicotinic acid hydrazide; isoniazid**  
 (Ant.)  
 (C<sub>6</sub>H<sub>7</sub>N<sub>3</sub>O; selective spectrum antibiotic.)  
*d* Isonicotinsäurehydrazid *n*; Isoniazid *n*  
*f* hydrazide *m* de l'acide isonicotinique; isoniazide *f*  
*p* hidrazida *f* do ácido isonicotínico; isoniazida *f*
- 3704 isoprenaline**  
 (Prod.)  
 (C<sub>11</sub>H<sub>17</sub>NO<sub>3</sub>; isoproterenol; medicamentous substance; sympathomimetic agent; see entry: sympathomimetic.)  
*d* Isoprenalin *n*  
*f* isoprénaline *f*  
*p* isoprenalina *f*
- 3705 isopropanol-solvent**  
 (Prod.)  
 (C<sub>3</sub>H<sub>8</sub>O; 2-propanolisopropyl alcohol; auxiliary in pharmaceutical processes/production; a solvent in pharmaceutical technology.)  
*d* Isopropanol-Lösungsmittel *n*  
*f* isopropanol *m* solvant  
*p* solvente *m* de isopropanol
- 3706 isosmotic (isostonic) solutions**  
 (Prod.)  
 (Pharmaceutical technology: showing equal osmotic pressure.)  
*d* isosmotische (isotonische) Lösungen *fpl*  
*f* solution *f* isotonique  
*p* solução *f* isotônica
- 3707 isosterism**  
 (Mol.)  
 (Equality of electron configuration in molecules or ions having the same atom- and total electron numbers. In this case ref. to medicamentous molecules.)  
*d* Isosterie *f*  
*f* isostérie *f*  
*p* isosteria *f*
- 3708 isotonic adj**  
 (Prod.)  
 (Pharmaceutical chemistry; Ref. to solutions of the same osmotic pressure; see entry: osmosis.)  
*d* isotonisch  
*f* isotonique  
*p* isotônico
- 3709 isotope**  
 (Mol.)  
 (Atomic nuclei, showing the same proton number (Z), but having different neutron number (N).)  
*d* Isotop *n*  
*f* isotope *m*  
*p* isótopo *m*
- 3710 isozymes**  
 (Enz.)  
 (Different enzymes having the same catalytic property.)  
*d* Isozyme *npl*  
*f* iso-zymes *mpl*  
*p* iso-zymas *fpl*

# J

**3711 jaborandi**

(Phyto.)

("Pilocarpus jaborandi; Rutaceae" =

Pernambuco j.; "Pilocarpus mycrophyllus" =

Maranhão j. – Brazilian med. plant.

Pilocarpine (active principle) is obtained from the leaves for eye-drops for obtaining miosis- (pupil-constricton) effect; tincture: sudorific, ext.: capillary tonic.)

*d* Jaborandi *m**f* jaborandi *m**p* jaborandi *m***3712 jaw**

(Anat.)

(Ref. to facial structure: maxilla = upper j.

and mandible = lower j.)

*d* Kinnlade *f*; Kinnbacken *m**f* mâchoir *m**p* maxila *f*; queixada *f***3713 join v the product by mixing softly**

(Prod.)

(Ref. to pharmaceutical processes.)

*d* das Produkt langsam darunterheben*f* ajouter le produit en remuant doucement*p* juntar o produto mexendo devagarzinho;

juntar o produto mexendo lentamente

**\* joints → 621****3714 jojoba oil**

(Phyto.)

("Simmondsia chinensis", medicinal plant; the

oil, or in form of a pomade used against

cutaneous infections.)

*d* Jojoba-Öl *n**f* huile *f* de jojoba*p* óleo *m* de jojoba

## K

**3715 kanamycin**

(Ant.)  
(Biotechnology;  $C_{18}H_{36}N_4O_{11}$ ; broad-spectrum antibiotic; origin: Japanese soil "Streptomyces kanamyceticus".)

*d* Kanamycin *n*  
*f* kanamycine *f*  
*p* kanamicina *f*

**3716 karyodimorphism; sexual difference of the cellular nucleus**

(Cyt.)  
(To be identified on the sex chromatine.)

*d* Zellkerngeschlechtsverschiedenheit *f*  
*f* caryodimorphisme *m*; différence *f* sexuelle des noyaux cellulaires  
*p* carioidimorfismo *m*; diferença *f* sexual dos núcleos celulares

**3717 karyogenesis; development of the cellular nucleus**

(Cyt.)  
(Ref. to the evolution and development of the cellular nucleus.)

*d* Karyogenese *f*; Zellkernentwicklung *f*  
*f* caryogénese *f*; développement *m* du noyau cellulaire  
*p* cariogénese *f*; desenvolvimento *m* do núcleo celular

\* **keratoma of the eyeball** → 2534

**3718 ketoamino acid**

(Enz.)  
(E.g. leucine ( $6H_{13}O_2N$ ); valine ( $C_5H_{11}NO_2$ )).

*d* Ketoaminsäure *f*  
*f* acide *m* aminé cétonique  
*p* aminoácido *m* cetónico

**3719 ketogenesis**

(Med.)  
(Synthesis of ketone bodies in the liver.)

*d* Ketogenesis *f*; Ketonbildung *f*  
*f* cétogénese *f*  
*p* cetogénese *f*

**3720 ketoglutaric acid**

(Enz.)  
( $C_5H_6O_5$ ; ref. to metabolic processes; Krebs-cycle.)

*d* Ketoglutarsäure *f*  
*f* acide *m* cetoglutarique  
*p* ácido *m* cetoglutarico

**3721 ketoplastic amino acids**

(Enz.)  
(In the liver keto compounds forming amino acids; e.g. phenylalanine,  $C_9H_{11}NO_2$ .)

*d* ketoplastische Aminosäuren *fpl*  
*f* aminoacides *mpl* cétoplastiques  
*p* aminoácidos *mpl* cetoplásticos

**3722 key molecule of the transduction process**

(Horm.)  
(Ref. to the interaction of guanosine triphosphate, GTP, in the hormonal message transduction.)

*d* Schlüsselmolekül *n* des Transduktionsprozesses  
*f* molécule *f* clé du processus de la transduction  
*p* molécula-chave *f* do processo de transdução

**3723 kidney**

(Anat.)  
(A pair of blood-filtration organs.)

*d* Niere *f*  
*f* rein *m*  
*p* rim *m*

**3724 killed germs; killed pathogens**

(Prod.)  
(Pharmaceutical technology; e.g. in vaccine production.)

*d* abgetötete Keime *mpl*; abgetötete Krankheitserreger *mpl*  
*f* germes *mpl* tués; agents *mpl* pathogènes tués  
*p* germes *mpl* tornados mortos; agentes *mpl* patogênicos tornados mortos

\* **killed pathogens** → 3724

**3725 kinases**

(Enz.)  
(Enzymes promoting phosphate transfer; also: activating the (inactive) proenzyme.)

*d* Kinasen *fpl*  
*f* kinases *fpl*  
*p* quinases *fpl*

\* **kind of bond on receptor level** → 6552

**3726 kind of molecular interaction**

(Prod.)  
(Pharmaceutical chemistry; between the molecules of a body.)

*d* Art *f* der Interaktion der Moleküle; Art *f* der molekularen Wechselwirkung *f*

*f* mode *m* d'interaction des molécules; mode *m* d'interaction moléculaire

*p* modo *m* de interação das moléculas; modo *m* de interação molecular

**3727 kinetic energy**

(Prod.)

(Pharmaceutical technology; energy of motion.)

*d* kinetische Energie *f*; Bewegungsenergie *f*

*f* énergie *f* cinétique

*p* energia *f* cinética

**3728 kinetics of fermentation**

(Prod.)

(Biotechnology; ref. to the motion, velocity, change rate etc. of process reactions.)

*d* Kinetik *f* der Gärung; Gärungskinetik *f*

*f* cinétique *f* de fermentation

*p* cinética *f* da fermentação

\* **kinetochore** → 1164

**3729 Krebs cycle; citric acid cycle**

(Enz.)

(British biochemist H. A. Krebs (1900-1981).

Biochemical reactions' cycle. Citric acid: 2-hydroxy-1,2,3-propanetricarboxylic acid.)

*d* Krebs-Zyklus *m*; Zitronensäurezyklus *m*

*f* cycle *m* de Krebs; cycle *m* de l'acide citrique

*p* ciclo *m* de Krebs; ciclo *m* do ácido cítrico

## L

**3730 laboratory test**

(Med.)

(Ref. to a medicinal test, e.g. blood test.)

- d* Laboratoriumstest *m*;  
Laboratoriumsuntersuchung *f*  
*f* examen *m* de laboratoire  
*p* teste *m* de laboratório

\* **lack of ferment** → 720\* **lack of vitamins** → 1760**3731 lactamase-fast antibiotic drug**

(Ant.)

(Ref. to the characteristic of certain antibiotics in antibiotherapy.)

- d* lactamasefestes antibiotisches Arzneimittel *n*  
*f* médicament *m* antibiotique résistant à la lactamase  
*p* medicamento *m* antibiótico estável à lactamase

**3732 lactase**

(Enz.)

(A pancreatic lactose hydrolyzing enzyme, yielding glucose and galactose.)

- d* Laktase *f*  
*f* lactase *f*  
*p* lactase *f*

**3733 lactic acid dehydrogenase**

(Enz.)

(Lactic acid; C<sub>3</sub>H<sub>6</sub>O<sub>3</sub>; a simple sugar, end-product of glucose metabolism. Dehydrogenase: oxidoreductase; an enzyme catalysing oxidation-reduction reactions in the human body.)

- d* Milchsäuredehydrogenase *f*; Milchsäure-Dehydrase *f*  
*f* déshydrogénase *f* d'acide lactique; déhydrase *f* d'acide lactique  
*p* deshidrogenase *f* de ácido láctico

**3734 lactic acid fermentation in biotechnology**

(Enz.)

(Pyruvic acid (C<sub>3</sub>H<sub>4</sub>O<sub>3</sub>) is hydrated by lactobacilli, yielding lactic acid (C<sub>3</sub>H<sub>6</sub>O<sub>3</sub>), an important auxiliary in foodstuff technology/production: cheese production; sauerkraut preparation; vegetable preservation etc.)

*d* Milchsäuregärung *f* in der Biotechnologie; Milchsäurefermentation *f* in der Biotechnologie

*f* fermentation *f* d'acide lactique en biotechnologie

*p* fermentação *f* de ácido láctico em biotecnologia

**3735 lactic acid obtained by a lactobacillus**

(Prod.)

(Biotechnology: products of applied biological science; C<sub>3</sub>H<sub>6</sub>O<sub>3</sub>.)

- d* Milchsäure *f* erhalten durch die Gärung eines Laktobazillus  
*f* acide *m* lactique obtenu par fermentation d'un lactobacille  
*p* ácido *m* láctico obtido pela fermentação de um lactobacilo

**3736 lactifuge**

(Prod.)

(A milk secretion reducing medicinal drug.)

- d* Antilaktationsmittel *n*; Milchabsonderung *f* verringernendes Arzneimittel  
*f* remède *m* antilaiteux  
*p* lactífugo *m*; medicamento *m* lactífugo

**3737 lactoflavin**

(Vit.)

(See entry: riboflavin (vitamin B<sub>2</sub>).)

- d* Lactoflavin *n*  
*f* lactoflavine *f*  
*p* lactoflavina *f*

**3738 lactogenic hormone; luteotrophic hormone; luteotroph[hi]n; galactin**

(Horm.)

(LTH; prolactin; stimulating milk- and progesterone production.)

- d* luteotropes Hormon *n*; Milchproduktion auslösendes Hormon *n*  
*f* hormone *f* lactogène; galactine *f*  
*p* luteotrofina *f*

**3739 lactoprotein of the proteic milk fraction**

(Enz.)

(Milk constituent.)

- d* Laktoprotein *n* der Protein-Milchfraktion  
*f* lactoprotéine *f* de la fraction protéique du lait  
*p* lactoproteína *f* da fração protéica do leite

**3740 lactose; milk sugar**

(Prod.)

(Pharmaceutical technology; C<sub>12</sub>H<sub>22</sub>O<sub>11</sub>; milk sugar, a disaccharide sugar; auxiliary.)

- d* Laktose *f*; Milchzucker *m*  
*f* lactose *f*; sucre *m* de lait  
*p* lactose *f*; açúcar *m* do leite

- 3741 lactose intolerance**  
(Med.)  
(Physiology: Intolerance due to the absence in the body of the enzyme, denominated lactase.)  
*d* Laktoseunverträglichkeit *f*  
*f* intolérance *f* au lactose  
*p* intolerância *f* à lactose
- 3742 lactose monohydrate**  
(Prod.)  
(Pharmaceutical technology: milk sugar; C<sub>12</sub>H<sub>22</sub>O<sub>11</sub>; a disaccharide auxiliary.)  
*d* Laktosemonohydrat *n*  
*f* monohydrate *m* de lactose  
*p* monoidrato *m* de lactose
- 3743 laminated vitamin tablet**  
(Vit.)  
(Vitamin technology, superposed layers; multilayer tablet.)  
*d* laminierte Vitamintablette *f*  
*f* comprimé *m* vitaminique laminé  
*p* comprimido *m* de vitaminas laminado
- \* **lappa extract** → 753
- 3744 large intestine**  
(Anat.)  
(Activity: e.g. water absorption of the content delivered from the small intestine.)  
*d* Dickdarm *m*  
*f* gros intestin *m*  
*p* intestino *m* grosso
- 3745 larynx**  
(Anat.)  
(Body part: e.g. for air passage and voice production.)  
*d* Kehlkopf *m*  
*f* larynx *m*  
*p* laringe *f*
- \* **lasting effect of an antibiotic** → 4687
- 3746 latency**  
(Med.)  
(Period owing to nervous conduct, between stimulation and reaction.)  
*d* Latenz *f*  
*f* latence *f*  
*p* latência *f*
- 3747 latent phase of the bacterium**  
(Ant.)  
(E.g. bacteria in the bacteriostatic state, thus without cell-wall peptidoglycan-synthesis, cannot be attacked by antibiotics.)  
*d* latente Phase *f* der Bakterie  
*f* phase *f* latente de la bactérie  
*p* fase *f* latente da bactéria
- 3748 lateral chain**  
(Enz.)  
(Enzymology; ref. to the amino acid-chain of the polypeptide in a protein-structure.)  
*d* Seitenkette *f*  
*f* chaîne *f* latérale  
*p* cadeia *f* lateral
- 3749 lavender leaves tea**  
(Prod.)  
(Herbal tea with sedative effect of "Lavandula officinalis"; see entry: sedative.)  
*d* Lavendelblättertée *m*  
*f* tisane *f* des feuilles de lavande  
*p* chá *m* das folhas de lavanda
- 3750 lavender oil preparation**  
(Phyto.)  
(*"Lavandula officinalis*, Labiatae"; carminative, digestive.)  
*d* Lavendelöl-Preparat *n*  
*f* préparation *f* à l'huile de lavande  
*p* preparação *f* de óleo de lavanda; preparação *f* de óleo de alfazema
- 3751 laxative**  
(Prod.)  
(Medicinal drug for bowel evacuation stimulation.)  
*d* mildes Abführmittel *n*  
*f* laxatif *m*  
*p* laxativo *m*
- 3752 laxative of osmotic effect**  
(Pharm.)  
(Ref. to laxative salts of difficult resorption.)  
*d* osmotisch wirksames Abführmittel *n*  
*f* laxatif *m* à effet osmotique  
*p* laxativo *m* de efeito osmótico
- 3753 laxative properties of plums**  
(Phyto.)  
(Evacuation-stimulating fruit.)  
*d* abführende Eigenschaften *fpl* der Pflaumen  
*f* propriétés *fpl* laxatives des pruneaux  
*p* propriedades *fpl* laxativas das ameixas
- 3754 layer**  
(Prod.)  
(Pharmaceutical technology.)  
*d* Schicht *f*  
*f* couche *f*  
*p* camada *f*

- 3755 layers of coating applied around the tablet**  
(Prod.)  
(Pharmaceutical processes; ref. to tableting.)  
*d* Überzugsschichten *fpl* um die Tablette herum aufgetragen  
*f* couches *fpl* d'enrobage appliquées autour du comprimé  
*p* camadas *fpl* cobertura aplicadas ao redor do comprimido; camadas *fpl* revestimento aplicadas ao redor do comprimido
- 3756 layers of different solubility coefficients**  
(Prod.)  
(Pharmaceutical technology; for the elaboration of multiple layer tablets.)  
*d* Schichten *fpl* verschiedener Löslichkeitskoeffizienten  
*f* couches *fpl* à différents coefficients de solubilité  
*p* camadas *fpl* de diferentes coeficientes de solubilidade
- 3757 lead emplastrum; lead oxide emplastrum**  
(Prod.)  
(Pharmaceutical technology; pharmaceutical form for cutaneous application (application on the skin); this is the simple emplastrum form.)  
*d* Bleiheilpflaster *n*; Bleioxyd-Heilpflaster *n*  
*f* emplâtre *m* plombique; emplâtre *m* de l'oxyde de plomb  
*p* emplastro *m* de chumbo; emplastro *m* de óxido de chumbo
- \* **lead oxide emplastrum** → 3757
- 3758 leak formation in the fungus membrane by antimycotics**  
(Ant.)  
(Action of polyene antibiotics and antifungus on the fungi.)  
*d* Leckbildung *f* in der Pilzmembran durch Antimykotika  
*f* formation *f* de fuites dans la membrane des champignons par des antimycosiques  
*p* formação *m* de rombos na membrana dos fungos por antimicóticos
- \* **leaven-raised bread example of biotechnically transformed products** → 5787
- 3759 lecithin**  
(Vit.)  
(Approx.: C<sub>43</sub>H<sub>88</sub>NO<sub>9</sub>P; ref. in this specific case to vitamin technology; lecithin has in some cases a synergistic effect.)  
*d* Lecithin *n*  
*f* lécithine *f*
- p* lecitina *f*
- 3760 lecithinase**  
(Enz.)  
(Enzyme which composes and decomposes lecithin, cell membrane constituent.)  
*d* Lecithinase *f*  
*f* lécithinase *f*  
*p* lecitinase *f*
- 3761 less hygroscopic** *adj*  
(Prod.)  
(Pharmaceutical chemistry; product property, ref. to the ability of taking up humidity.)  
*d* weniger hygroskopisch  
*f* moins hygrosopique  
*p* menos higroscópico
- 3762 less toxicity**  
(Prod.)  
(Pharmaceutical chemistry; ref. to drug-selectivity in the organs (e.g. cell-selectivity).)  
*d* geringere Toxizität *f*; geringfügigere Giftigkeit *f*  
*f* moindre toxicité *f*  
*p* menor toxicidade *f*
- 3763 lethal dose**  
(Pharm.)  
(Pharmacodynamics; ref. to the lethal effect of a dose (dosis letalis) of the active principle, where 50% of the individuals die.)  
*d* letale Dosis *f*; tödliche Dosis *f*; DL50; LD50  
*f* dose *f* létale  
*p* dose *f* letal
- 3764 leucine**  
(Enz.)  
(6H<sub>13</sub>O<sub>2</sub>N; an essential amino acid; e.g. ref. to the production of coA.)  
*d* Leucin *n*  
*f* leucine *f*  
*p* leucina *f*
- 3765 leucine content of protein**  
(Enz.)  
(Ref. to protein consumption/protein quality in human nutrition. See entry: leucine.)  
*d* Leucingehalt *m* des Proteins  
*f* teneur *f* en leucine de la protéine  
*p* teor *m* de leucina da proteína
- 3766 leucocyte; leukocyte**  
(Med.)  
(See entry: white blood corpuscle; white blood cell.)  
*d* Leukozyt *m*

- f* leucocyte *m*  
*p* leucócito *m*
- \* **leucopenia** → 3768
- \* **leukocyte** → 3766
- 3767 leukocytic enzyme**  
(Enz.)  
(Enzymology.)  
*d* Leukozyten-Enzym *n*  
*f* enzyme *f* leucocyttaire  
*p* enzima *f* leucocitária
- 3768 leukopenia; leucopenia**  
(Med.)  
(Decrease in leucocytes, due to vitamin B<sub>12</sub>-deficiency.)  
*d* Leukopenie *f*  
*f* leucopénie *f*  
*p* leucopenia *f*
- 3769 level of the active principle in the blood**  
(Pharm.)  
(Related to the concentration of the active medicamentous substance in the blood.)  
*d* Wirkstoffspiegel *m* des Blutes  
*f* niveau *m* du principe actif dans le sang  
*p* nível *m* de princípio ativo no sangue
- 3770 levels of metabolic vitamin interferences**  
(Vit.)  
(Vitamin physiology.)  
*d* Niveaus *npl* der Vitamin-Interferenzen innerhalb des Stoffwechsels  
*f* niveaux *mpl* d'interférences métaboliques des vitamines  
*p* níveis *mpl* de interferências metabólicas das vitaminas
- 3771 levels of vitamin potential**  
(Vit.)  
(Vitamin technology; ref. to artificially modified vitamin molecule structures, for yielding products of specially refined activities and particular characteristics.)  
*d* Ebenen *fpl* des Vitaminpotentials  
*f* niveaux *mpl* du potentiel vitaminique  
*p* níveis *mpl* do potencial vitamínico
- 3772 levorotatory adj**  
(Prod.)  
(Pharmaceutical chemistry; ref. to substances which rotate the polarization plan to the left (compare: dextrorotatory).)  
*d* linksdrehend  
*f* lévogyre  
*p* levogiro
- 3773 levorotatory sugar**  
(Prod.)  
(Pharmaceutical chemistry; ref. to substances which rotate the polarization plan to the left.)  
*d* linksdrehender Zucker *m*  
*f* sucre *m* lévogyre  
*p* açúcar *m* levogiro
- \* **levulose** → 2758
- 3774 Leydig interstitial cells**  
(Horm.)  
(F. von Leydig (1821-1908), German anatomist. Leydig interstitial cells, testosterone secreting under the influence of the LH (luteinizing hormone).)  
*d* Leydig-Zwischenzellen *fpl*  
*f* cellules *fpl* interstitielles de Leydig  
*p* células *fpl* intersticiais de Leydig
- 3775 liberated protons**  
(Enz.)  
(In physiology; ref. to tissular respiration.)  
*d* freigesetzte Protone *npl*  
*f* protons *mpl* libérés  
*p* prótons *mpl* liberados
- 3776 liberation of active substances**  
(Vit.)  
(Pharmaceutical processes: tablet production, e.g. liberation of the active vitamin principle.)  
*d* Freisetzung *f* von Wirkstoffen  
*f* libération *f* de substances actives  
*p* liberação *f* de substâncias ativas
- 3777 liberation of active vitamin substances**  
(Vit.)  
(Vitamin technology; tablet production: ref. to liberation of the active vitamin principle.)  
*d* Freisetzung *f* von Vitamin-Wirkstoffen  
*f* libération *f* de substances vitaminiques actives  
*p* liberação *f* de substâncias vitamínicas ativas
- 3778 liberation of drugs through predictable swelling; release of drugs through predictable swelling**  
(Prod.)  
(Pharmaceutical technology; tablet characteristic: disintegration effect of special auxiliaries added to the tablets, e.g. PVP types.)  
*d* Freisetzung *f* der aktiven Prinzipien durch vorgegebene Anschwellung; Freisetzung *f* der aktiven Prinzipien durch vorbestimmte Anschwellung  
*f* libération *f* des principes actifs par un gonflement défini  
*p* liberação *f* dos princípios ativos por intermédio de um inchamento predefinido



- 3779 liberation regulation of active vitamin substances**  
(Prod.)  
(Pharmaceutical technology: ref. to vitamin tablet structure.)  
*d* Regulierung *f* der Freisetzung von Vitamin-Wirkstoffen  
*f* régulation *f* de la libération de substances actives vitaminiques  
*p* regulação *f* de liberação de substâncias ativas vitaminicas
- 3780 liberation velocity of a medicamentous substance**  
(Prod.)  
(Pharmaceutical technology: e.g. ref. to medicamentous substances in excipients, vehicles, gelatin capsules etc.)  
*d* Schnelligkeit *f* der Freisetzung einer medikamentösen Substanz; Schnelligkeit *f* der Abgabeschnelligkeit *f* einer medikamentösen Substanz  
*f* vitesse *f* de libération d'une substance médicamenteuse  
*p* velocidade *f* de liberação de uma substância medicamentosa
- 3781 lichen**  
(Med.)  
(Skin diseases, dermatosis; requiring dermatological treatment.)  
*d* Flechte *f*  
*f* lichen *m*  
*p* líquen *m*
- \* **lichenification** → 3782
- 3782 lichenization; lichenification**  
(Med.)  
(Process of papular eruption formation in certain skin diseases, requiring dermatological treatment.)  
*d* Lichenifikation *f*  
*f* lichénification *f*  
*p* liquenificação *f*
- \* **licorice infusion** → 3838
- \* **licorice tincture** → 3839
- 3783 lidocain**  
(Prod.)  
(C<sub>14</sub>H<sub>22</sub>N<sub>2</sub>O; medicamentous substance; anaesthetic; see this entry.)  
*d* Lidocain *n*  
*f* lidocaïne *f*  
*p* lidocaína *f*
- 3784 life process**  
(Med.)  
(Physiology: Process supposedly positively influenced by vitamin action.)  
*d* Lebensprozess *m*  
*f* processus *m* de vie  
*p* processo *m* vital
- 3785 ligases**  
(Enz.)  
(Enzyme classification. Synthetases; enzymes which catalyze the construction of covalent bonds using the energy set free by cleavage of ATP (adenosine triphosphate).)  
*d* Ligasen *fpl*  
*f* ligases *fpl*  
*p* sintetases *fpl*
- \* **lightfast** → 5885
- 3786 lightly compressed powder**  
(Vit.)  
(Vitamin technology; form of starting material, of vitamin powder.)  
*d* schwach komprimiertes Pulver *n*; leicht gepresstes Pulver *n*; leicht verdichtetes Pulver *n*  
*f* poudre *f* faiblement comprimée  
*p* pó *m* fracamente comprimido; pó *m* levemente comprimido
- 3787 light refractiveness**  
*d* Licht-Widerstandsfähigkeit *f*  
*f* réfraction *f* de la lumière  
*p* refração *f* da luz
- 3788 light sensitive; sensitive to light adj; photosensitive**  
(Vit.)  
(Characteristic of certain biochemical substances, as vitamin B<sub>2</sub> (riboflavin).)  
*d* lichtempfindlich  
*f* sensible à lumière; photosensible  
*p* sensível à luz; fotosensível
- 3789 like cures like**  
(Homoeop.)  
(Fundamental homeopathic law: "similia similibus curantur", opposed to allopathy. See entry: contraria contrariis curantur.)  
*d* Gleiches *n* wird durch Gleiches geheilt  
*f* similitude *f* guérit similitude  
*p* semelhantes *mpl* curam-se pelos semelhantes
- 3790 lily of the valley**  
(Phyto.)  
(*"Convallaria majalis* L., Liliaceae"; source of active principles used as cardiac tonic, effect similar to digitalis.)

- d* Maiglöckchen *n/npl*  
*f* muguet *m*  
*p* lírio-do-vale *m*
- 3791 lime-blossom tea**  
 (Phyto.)  
 (Herbal tea of genus "Tilia", family "Tiliaceae": linden, having a diaphoretic, sudorific effect; see entry: diaphoretic, sudorific; against the cold and influenza.)  
*d* Lindenblütentee *m*  
*f* tisane *f* des fleurs du tilleul; infusion *f* de tilleul  
*p* chá *m* da flor da tilia; chá *m* de tilia
- 3792 limit content of heavy metals**  
 (Prod.)  
 (Pharmaceutical chemistry; ref. to control operations, to the "chemical purity of a substance", see entry.)  
*d* Grenzwert *m* des Schwermetallgehalts  
*f* teneur *f* limite en métaux lourds  
*p* teor *m* limite de metais pesados
- \* **limit pressure** → **3952**
- 3793 limits; value limits**  
 (Prod.)  
 (Pharmaceutical technology.)  
*d* Grenzwerte *mpl*  
*f* limites *fpl*; valeurs *fpl* limites  
*p* limites *mpl* valores-limites *mpl*
- 3794 limits laid down in the pharmacop[ole]ia**  
 (Prod.)  
 (Ref. to pharmaceutical technology.)  
*d* im Arzneibuch festgelegte Grenzwerte *mpl*  
*f* limites *fpl* énoncées dans la pharmacopée  
*p* limites *mpl* estabelecidos na farmacopéia
- 3795 limpidity of a medicamentous solution; limpidness of a medicamentous solution**  
 (Prod.)  
 (Pharmaceutical chemistry; product characteristic, product aspect and quality.)  
*d* Klarheit *f* einer medikamentösen Lösung  
*f* limpidité *f* d'une solution médicamenteuse  
*p* limpidez *f* de uma solução medicamentosa
- \* **limpidness of a medicamentous solution** → **3795**
- 3796 lincomycin**  
 (Ant.)  
 (Biotechnology; origin: "Streptomyces lincolnensis"; especially against gram-positive bacteria.)  
*d* Lincomyzin *m*; Linkomycin *n*
- f* lincomycine *f*  
*p* lincomicina *f*
- 3797 lindane**  
 (Prod.)  
 (Pharmaceutical technology; C<sub>6</sub>H<sub>6</sub>Cl<sub>6</sub>; e.g. used in scabies; topically: cream- or emulsion form.)  
*d* Lindan *n*  
*f* lindane *f*  
*p* lindane *m*
- 3798 linear amylose chain**  
 (Prod.)  
 (Pharmaceutical chemistry: Linear chains: constituent of starch; which is an auxiliary (binder, filler etc) in pharmacy.)  
*d* lineare Kette *f* der Amylose  
*f* chaîne *f* linéaire de l'amylose  
*p* cadeia *f* linear da amylose
- 3799 linear chain**  
 (Mol.)  
 (E.g. straight atom chain, not showing a ring structure.)  
*d* gerade Kette *f* (adj. geradkettig)  
*f* chaîne *f* linéaire  
*p* cadeia *f* linear
- 3800 linear expansion**  
 (Prod.)  
 (Pharmaceutical processes; ref. to the longitudinal expansion of a solid.)  
*d* lineare Ausdehnung *f*  
*f* expansion *f* linéaire  
*p* expansão *f* linear
- 3801 linear heptapeptide**  
 (Enz.)  
 (Basis of a glycoprotein, a conjugated protein.)  
*d* lineares Heptapeptid *n*  
*f* heptapeptide *m* linéaire  
*p* heptapeptídeo *m* linear
- 3802 linearity**  
 (Prod.)  
 (Pharmaceutical technology; ref. to graphs, diagrams, e.g. to show the linearity of a concentration range.)  
*d* Linearität *f*  
*f* linéarité *f*  
*p* linearidade *f*
- 3803 liniment**  
 (Prod.)  
 (Pharmaceutical technology; medicinal preparation for applying on the skin; e.g. for

- rheumatism treatment, containing e.g. camphor as medicamentous substance.)  
*d* Liniment *n*; Einreibemittel *n*  
*f* liniment *m*  
*p* linimento *m*
- 3804 linkage**  
 (Mol.)  
 (The way atoms are presented in a molecule, also "bond": The force that holds atoms etc together.)  
*d* Bindung *f*; Verbindung *f*  
*f* liaison *f*; enchaînement *m*  
*p* ligação *f*; encadeamento *m*
- 3805 linseed oil**  
 (Phyto.)  
 ("Linum usitatissimum L.; Linaceae"; use: laxative, promotion of intestinal functioning.)  
*d* Leinöl *n*; Leinsamenöl *n*  
*f* huile *f* de lin; huile *f* des graines de lin  
*p* óleo *m* de linhaça
- \* **lion's tooth** → 1715
- 3806 lipases**  
 (Enz.)  
 (Glyceride hydrolyzing enzymes.)  
*d* Lipasen *fpl*  
*f* lipases *fpl*  
*p* lipases *fpl*
- 3807 lipid-derivative hormones**  
 (Horm.)  
 (Hormones, derivatives of lipids; e.g. prostaglandins.)  
*d* von Lipiden abgeleitete Hormone *npl*  
*f* hormones *fpl* dérivées de lipides  
*p* hormônios *mpl* derivados de lipídeos
- \* **lipidic layer of the plasma membranes** → 3808
- 3808 lipidic layer of the plasmatic membranes; lipidic layer of the plasma membranes**  
 (Horm.)  
 (Hydrophile hormones penetrate these membranes binding to transmembrane receptors.)  
*d* Lipidschicht *n* der Plasmamembranen  
*f* couche *f* lipidique des membranes plasmiques; couche *f* lipidique des membranes plasmatiques  
*p* camada *f* lipídica das membranas plasmáticas; camada *f* lipídica das membranas plásmicas
- \* **lipid mobilizing hormone** → 3821
- 3809 lipid reducer**  
 (Vit.)  
 (Vitamin physiology; e.g. nicotinamide; (C<sub>6</sub>H<sub>4</sub>N<sub>2</sub>O), of the vitamin B-group.)  
*d* Lepidsenker *m*  
*f* réducteur *m* lipidique  
*p* redutor *m* dos lipídios
- 3810 lipoenzyme**  
 (Enz.)  
 (Enzymology.)  
*d* Lipoenzym *n*  
*f* lipoenzyme *f*  
*p* lipoenzima *f*
- \* **lipoic acid** → 6373
- 3811 lipolysis**  
 (Med.)  
 (Cleavage of alimentary fats in the intestine, mobilization of depot-fats by means of lipases (fat downbreaking enzyme) and regulation of these processes by the lipotropic hormone.)  
*d* Lipolyse *f*  
*f* lipolyse *f*  
*p* lipólise *f*
- 3812 lipolytic activity**  
 (Enz.)  
 (Lipolysis: process transforming lipids in fatty acids by the enzyme lipase.)  
*d* lipolytische Aktivität *f*; fettspaltende Wirkung *f*  
*f* activité *f* lipolytique  
*p* atividade *f* lipolítica
- 3813 lipolytic enzymes**  
 (Enz.)  
 (Enzymology. Lipolysis: process transforming lipids in fatty acids.)  
*d* fettspaltende Enzyme *npl*  
*f* enzymes *mpl* lipolytiques  
*p* enzimas *fpl* lipolíticas
- 3814 lipophilic solvent**  
 (Vit.)  
 (Vitamin technology; vitamin solvent, e.g. peanut oil.)  
*d* fettlösliches Lösungsmittel *n*  
*f* solvant *m* lipophile  
*p* solvente *m* lipofílico
- 3815 lipophilic vitamins**  
 (Vit.)  
 (Vitamin technology; e.g. vitamin A, D, E, K; oil soluble, insoluble in water.)  
*d* fettlösliche Vitaminen *npl*

- f* vitamines *fpl* lipophiles  
*p* vitaminas *fpl* lipofílicas
- 3816 lipoprotein carrier of the cell**  
 (Enz.)  
 (Ref. to cellular vitamin absorption processes.)  
*d* Lipoprotein-Träger *m* der Zelle  
*f* véhicule *m* lipoprotéique de la cellule; véhicule *m* lipoprotéique cellulaire  
*p* veiculo *m* lipoprotéico da célula; veiculo *m* lipoprotéico celular
- 3817 liposoluble drug**  
 (Prod.)  
 (Pharmaceutical technology.)  
*d* fettlösliches Medikament *n*  
*f* médicament *m* liposoluble  
*p* medicamento *m* lipossolúvel
- 3818 lipotropic hormone**  
 (Horm.)  
 (β-lipotropic hormone; lipotropic: fatty bodies formation promoting; lipotropic: fat utilization promoting in the organism.)  
*d* lipotrope Hormon *n*  
*f* hormone *f* lipotrope  
*p* hormônio *m* lipotrófico
- 3819 lipotropic adj**  
 (Med.)  
 (Ref. to the physiological fat utilization in the body.)  
*d* lipotrop  
*f* lipotrope; lipotropique  
*p* lipotropo
- 3820 lipotropic factor**  
 (Med.)  
 (E.g. promoting the fatty liver transport from the liver to the tissues)  
*d* lipotroper Faktor *m*  
*f* facteur *m* lipotrope  
*p* fator *m* lipotropo
- 3821 lipotropin; lipid mobilizing hormone**  
 (Horm.)  
 (LPH; lipotropic hormone; hormones of the pituitary gland (hypophysis); lipid (fat) mobilizing hormones.)  
*d* lipomobilisierendes Hormon *n*  
*f* lipotropine *f*  
*p* lipotropina *f*
- 3822 liquefaction of a dispersion**  
 (Prod.)  
 (Pharmaceutical chemistry; ref. to dispersion defect, dispersion research.)  
*d* Verflüssigung *f* einer Dispersion  
*f* liquéfaction *f* d'une dispersion  
*p* liquefação *f* de uma dispersão
- 3823 liquid bacterial culture medium**  
 (Ant.)  
 (Ref. to research on bacterial growth.)  
*d* flüssiger Bakteriennährboden *n*  
*f* milieu *m* liquide de culture bactérienne  
*p* meio *m* líquido da cultura bacteriana
- 3824 liquid body; fluid body**  
 (Prod.)  
 (Pharmaceutical chemistry; liquid: showing properties of a liquid, not gaseous, does not expand indefinitely; fluid: behaving as a liquid or gas.)  
*d* flüssiger Körper *m*; flüider Körper *m*  
*f* corps *m* liquide; corps *m* fluide  
*p* corpo *m* líquido; corpo *m* fluido
- 3825 liquid dosage forms**  
 (Prod.)  
 (Pharmaceutical technology; characteristic of a final pharmaceutical product form.)  
*d* flüssige Dosierungsformen *fpl*  
*f* formes *fpl* de dosage liquides  
*p* formas *fpl* de dosagem líquidas
- 3826 liquid drug forms containing ascorbic acid**  
 (Vit.)  
 (Vitamin technology; pharmaceutical form, containing vitamin C.)  
*d* Ascorbinsäure *f* enthaltende flüssige Medikamente; Ascorbinsäure *f* enthaltendes Flüssigmedikament  
*f* médicaments *mpl* liquides contenant d'acide ascorbique  
*p* medicamentos *mpl* líquidos contendo ácido ascórbico
- 3827 liquid extract; fluid extract**  
 (Phyto.)  
 (E.g. plant (vegetable) extracts.)  
*d* flüssiger Extrakt *m*  
*f* extrait *m* liquide; extrait *m* fluide  
*p* extrato *m* líquido; extrato *m* fluido
- 3828 liquid fatty component**  
 (Prod.)  
 (Fine chemical technology; product component.)  
*d* flüssige Fettkomponente *f*  
*f* composant *m* liquide gras  
*p* componente *m* líquido de gordura

- 3829 liquid lubricant in tableting**  
(Prod.)  
(Pharmaceutical technology: e.g. a lubricant in tableting for improving the "dusty aspect of a tablet"; see entry: paraffin oil.)  
*d* flüssiger Schmierstoff *m* in Tablettenverpressung; flüssiges Schmiermittel *n* in Tablettenverpressung  
*f* lubrifiant *m* liquide dans la compression de comprimés  
*p* lubrificante *m* líquido na compressão de comprimidos
- 3830 liquid medicamentous substance**  
(Prod.)  
(Pharmaceutical chemistry; active principle.)  
*d* flüssige medikamentöse Substanz *f*  
*f* substance *f* médicamenteuse liquide  
*p* substância *f* medicamentosa líquida
- 3831 liquid medicaments**  
(Prod.)  
(Pharmaceutical technology; pharmaceutical form.)  
*d* flüssige Medikamente *npl*  
*f* médicaments *mpl* sous forme liquide  
*p* medicamentos *mpl* em forma líquida
- 3832 liquid oral drug form**  
(Prod.)  
(Pharmaceutical technology. Product form.)  
*d* flüssige orale medikamentöse Form *f*  
*f* forme *f* médicamenteuse orale liquide  
*p* forma *f* medicamentosa oral líquida
- 3833 liquid paraffin**  
(Vit.)  
(Vitamin technology; a vitamin A antagonist.)  
*d* Flüssigparaffin *n*; flüssiges Paraffin *n*  
*f* paraffine *f* liquide  
*p* parafina *f* líquida
- 3834 liquid pharmaceutical carrier**  
(Prod.)  
(Pharmaceutical technology: e.g. water, alcohol, solvents etc.)  
*d* flüssiger pharmazeutischer Wirkstoffträger *m*  
*f* véhicule *m* pharmaceutique liquide  
*p* veículo *m* farmacêutico em estado líquido
- 3835 liquid vitamin concentrates**  
(Vit.)  
(Vitamin technology.)  
*d* flüssige Vitaminkonzentrate *npl*  
*f* concentrés *mpl* liquides de vitamines  
*p* concentrados *mpl* líquidos de vitaminas
- 3836 liquid vitamin preparation**  
(Vit.)  
(Vitamin technology; solid or liquid vitamin drug depends on the individual vitamin stability.)  
*d* flüssiges Vitaminprodukt *n*; flüssiges Vitaminpräparat *n*  
*f* préparation *f* vitaminique liquide  
*p* preparado *m* vitamínico líquido
- 3837 liquorice**  
(Prod.)  
(Dried root of "Glycyrrhiza glabra"; extract used in pharmaceutical products; auxiliary in pharmaceutical chemistry.)  
*d* Lakritze *f*  
*f* réglisse *f*  
*p* alcaçuz *m*
- 3838 liquorice infusion; licorice infusion**  
(Phyt.)  
(Depurative herbal tea of the extract of the dried root of a European leguminous plant "Glycyrrhiza glabra".)  
*d* Lakritzenaufguß *m*  
*f* tisane *f* de réglisse  
*p* infusão *f* de alcaçuz
- 3839 liquorice tincture; licorice tincture; glycyrrhiza tincture**  
(Phyto.)  
(("Glycyrrhiza glabra"; used in peptic disorders, peptic ulcer, laryngitis.)  
*d* Lakritzen-Tinktur *f*; Lakritzen-Auszug *m*  
*f* teinture *f* de réglisse  
*p* tintura *f* de alcaçuz
- 3840 lithagogue**  
(Prod.)  
(Medicinal drug for removal of kidney stones.)  
*d* Nierensteinabgang *m* förderndes Arzneimittel  
*f* médicament *m* lithagogue  
*p* litago *m*
- \* litmus paper → 6307
- 3841 liver**  
(Anat.)  
(The largest gland of the human body; e.g. carbohydrate-storage; regulation of the protein-metabolism; conversion of haemoglobin into bile pigments.)  
*d* Leber *f*  
*f* foie *m*  
*p* fígado *m*

- 3842 living vaccine**  
(Prod.)  
(Based on weakened, no more dangerous pathogens.)  
*d* Lebendimpfstoff *m*  
*f* vaccin *m* vivant  
*p* vacina *f* viva
- 3843 lixiviation as exhaustion operation by simple contact**  
(Prod.)  
(Pharmaceutical processes; ref. to extractive dissolution process by simple contact between a drug and a solvent.)  
*d* Auslaugung *f* durch einfaches Kontakt-Erschöpfungsverfahren  
*f* lixiviation *f* comme une opération d'épuisement par simple contact  
*p* lixiviação *f* como operação de esgotamento por simples contato
- 3844 lixiviation liquid**  
(Phyto.)  
(Ref. to the liquid obtained by lixiviation of dry medicamentous vegetable substances.)  
*d* Auslaugungsflüssigkeit *f*  
*f* colature *f*  
*p* líquido *m* da lixiviação
- \* **l-malic acid** → 3921
- 3845 lobelia**  
(Phyto.)  
("Lobelia inflata L.; Lobeliaceae"; Indian or wild tobacco; emetic herb; medicamentous substance: lobeline, C<sub>22</sub>H<sub>27</sub>NO<sub>2</sub>; use as respiratory stimulant; against tobacco smoking.)  
*d* Lobelie *f*  
*f* lobélie *f*  
*p* lobélia *f*
- 3846 lobeline**  
(Prod.)  
(C<sub>22</sub>H<sub>27</sub>NO<sub>2</sub>; see entry: derivatives of the pyridine/piperidine core. Use: respiratory stimulant and smoking deterrent.)  
*d* Lobelin *n*  
*f* lobéline *f*  
*p* lobelina *f*
- 3847 lobe of the liver**  
(Anat.)  
(Liver structure; the liver is a site of metabolism (proteins, fats, carbohydrates) and detoxification, e.g. important for drug activity.)  
*d* Leberlappen *m*
- f* lobe *m* du foie  
*p* lobo *m* do fígado
- \* **local application** → 6444
- 3848 local application for local treatment**  
(Med.)  
(Ref. to the characteristics of one of the ways of drug administration.)  
*d* lokale Anwendung *f* für örtliche Behandlung; örtliche Anwendung *f* für lokale Behandlung  
*f* application *f* locale pour traitement local  
*p* aplicação *f* local para tratamento local
- 3849 local effect**  
(Prod.)  
(Pharmaceutical chemistry, ref. to active substances.)  
*d* örtlicher Effekt *m*; lokale Wirkung *f*  
*f* effet *m* local  
*p* efeito *m* local
- \* **local effect of an ointment** → 6447
- 3850 localization of a nuclear receptor**  
(Horm.)  
(Hormone biochemistry; ref. to cell nuclei in hormone activity/physiology.)  
*d* örtliche Bestimmung *f* des Nukleus-Rezeptors  
*f* localisation *f* nucléaire des récepteurs  
*p* localização *f* nuclear dos receptores
- 3851 localized pain; superficial pain**  
(Med.)  
(Requiring analgesic treatment.)  
*d* örtlicher Schmerz *m*; Oberflächenschmerz *m*  
*f* douleur *f* localisée; douleur *f* superficielle  
*p* dor *f* localizada; dor *f* superficial
- 3852 local toxicity of an active principle**  
(Med.)  
(E.g. ref. to a medicamentous substance of topical application.)  
*d* örtliche Toxizität *f* eines Wirkstoff[e]s; lokale Giftigkeit *f* eines Wirkstoff[e]s  
*f* toxicité *f* locale d'un principe actif  
*p* toxicidade *f* local de um princípio ativo
- 3853 long-term prevention with antibiotics**  
(Ant.)  
(Antibiotics in therapeutics.)  
*d* Langzeitvorbeugung *f* mit Antibiotika  
*f* prévention *f* à longue durée au moyen des antibiotiques  
*p* prevenção *f* de longa duração mediante de antibióticos

- 3854 long-term stability**  
(Prod.)  
(Pharmaceutical technology: ref. to product tests, product characteristic.)  
*d* Langzeitstabilität *f*  
*f* stabilité *f* à long terme  
*p* estabilidade *f* a longo prazo
- 3855 long-term therapy**  
(Med.)  
(Ref. to treatment type/period.)  
*d* Langzeittherapie *f*  
*f* thérapie *f* de longue durée  
*p* terapia *f* de longa duração
- 3856 long-term treatment with antibiotics**  
(Ant.)  
(Ref. to therapeutic treatment with antibiotics.)  
*d* Langzeitbehandlung *f* mit Antibiotika  
*f* traitement *m* de longue durée aux antibiotiques  
*p* tratamento *m* prolongado com antibióticos
- 3857 loop-diuretics**  
(Prod.)  
(Ref. to: Henle's loop in kidney anatomy; see this entry.)  
*d* Schleifendiuretika *npl*  
*f* diurétiques *fpl* d'anse  
*p* diuréticos *mpl* de alça
- 3858 losses of a fraction of the active principles**  
(Prod.)  
(Pharmaceutical technology: ref. to conservation (preservation) processes, e.g. in "stabilization by separation of the enzymes and the active principles", see entry.)  
*d* Verluste *fpl* eines Bruchteils der Wirkstoffe; Verluste *fpl* eines Wirksubstanz-Bruchteils  
*f* pertes *fpl* d'une fraction des principes actifs  
*p* perdas *fpl* de uma fração dos princípios ativos
- \* **loss of a chromosome part** → 1314
- 3859 loss of potassium**  
(Med.)  
(E.g. as a result of abuse of laxatives.)  
*d* Kaliumverlust *m*  
*f* perte *f* de potassium  
*p* perda *f* de potássio
- 3860 loss on drying**  
(Prod.)  
(Ref. to pharmaceutical processes.)  
*d* Trocknungsverlust *m*  
*f* perte *f* à la dessiccation  
*p* perda *f* na secagem
- 3861 lotion**  
(Prod.)  
(A liquid aqueous or weak alcoholic pharmaceutical preparation, containing the medicamentous substances; for mucocutaneous application.)  
*d* Lotion *f*  
*f* lotion *f*  
*p* loção *f*
- 3862 low concentration**  
(Prod.)  
(Pharmaceutical chemistry; product characteristic)  
*d* schwache Konzentration *f*; niedrige Konzentration *f*  
*f* faible concentration *f*  
*p* concentração *f* fraca; concentração *f* baixa
- 3863 low-concentration composition**  
(Prod.)  
(Pharmaceutical technology; composition characteristic.)  
*d* Komposition *f* niedriger Konzentration  
*f* composition *f* à basse concentration  
*p* composição *f* de baixa concentração
- 3864 low density lipoprotein**  
(Med.)  
(LDL; cholesterol-rich lipoprotein, correlated with increased atherosclerosis-risk.)  
*d* Lipoprotein *n* niederer Densität; Lipoprotein *n* niederer Dichte  
*f* lipoprotéine *f* de basse densité  
*p* lipoproteína *f* de baixa densidade
- 3865 low-dusting granules**  
(Prod.)  
(Pharmaceutical technology; product characteristic.)  
*d* Granulate *npl* geringer Staubentwicklung  
*f* granulés *mpl* d'une faible teneur en poussière  
*p* grânulos *mpl* com reduzido desenvolvimento de poeira
- 3866 low-dusting vitamin granules**  
(Vit.)  
(Vitamin technology; product characteristic.)  
*d* Vitamin-Granulate *npl* geringer Staubentwicklung  
*f* granulés *mpl* vitaminiques d'une faible teneur en poussière  
*p* grânulos *mpl* de vitamina com pouco desenvolvimento de poeira
- 3867 lower abdomen**  
(Anat.)  
(Body part.)

- d* Unterleib *m*  
*f* bas-ventre *m*  
*p* baixo-ventre *m*
- 3868 lower concentration**  
 (Prod.)  
 (Pharmaceutical technology.)  
*d* niedrigere Konzentration *f*  
*f* concentration *f* plus faible  
*p* concentração *f* menor
- 3869 lower thiamin[e] concentration; lower vitamin B<sub>1</sub> concentration**  
 (Vit.)  
 (Vitamin physiology; main concentration to be found in the brain, heart, kidney and liver; lesser amounts in adrenal (suprarenal) glands, lung, muscle etc.)  
*d* schwächere Thiamin-Konzentration *f*;  
 schwächere Vitamin B<sub>1</sub>-Konzentration *f*  
*f* concentration *f* plus faible de la tiamine;  
 concentration *f* plus faible de la vitamine B<sub>1</sub>  
*p* concentração *f* mais fraca de tiamina;  
 concentração *f* mais fraca de vitamina B<sub>1</sub>
- \* **lower vitamin B<sub>1</sub> concentration** → **3869**
- 3870 low fat-solubility; reduced fat-solubility**  
 (Prod.)  
 (Product characteristic.)  
*d* niedrige Fettlöslichkeit *f*; geringe niedrige  
 Fettlöslichkeit *f*  
*f* liposolubilité *f* basse; liposolubilité *f* réduite  
*p* lipossolubilidade *f* baixa; reduzida  
 solubilidade *f* lipídica
- 3871 low fusion temperature**  
 (Prod.)  
 (Pharmaceutical technology; ref. to biochemical processes, reactions etc.)  
*d* tiefe Schmelztemperatur *f*  
*f* température *f* de fusion basse  
*p* baixa temperatura *f* de fusão
- 3872 low hygroscopicity**  
 (Prod.)  
 (Pharmaceutical chemistry; ref. to moisture retention capacity of a substance.)  
*d* niedrige Hygroskopizität *f*  
*f* hygroscopicité *f* basse  
*p* higroscopicidade *f* baixa
- 3873 low-molecular polyethylene glycol**  
 (Prod.)  
 (Auxiliary in pharmaceutical technology: ref. to tablet-production method, tableting process.)  
*d* niedrig-molekulares Polyethylenglykol *n*;  
 Polyethylenglykol *n* niedrigen  
 Molekulargewichtes  
*f* polyéthylèneglycol *m* de faible poids  
 moleculaire  
*p* polietilenoglicol *m* de baixo peso molecular
- 3874 low-molecular polyvinylpyrrolidone**  
 (Prod.)  
 (Pharmaceutical technology;  
 polyvinylpyrrolidone type.)  
*d* niedrig-molekulares Polyvinylpyrrolidon *n*;  
 Polyvinylpyrrolidon *n* niedrigen  
 Molekulargewichtes  
*f* polyvinylpyrrolidone *f* de faible poids  
 moleculaire  
*p* polivinilpirrolidona *f* de baixo peso molecular
- 3875 low-molecular propylene glycol**  
 (Prod.)  
 (C<sub>3</sub>H<sub>8</sub>O<sub>2</sub>; 1,2-propanediol; auxiliary in pharmaceutical processes/ production; a solvent in pharmaceutical technology.)  
*d* niedrig-molekulares Propylenglykol *n*;  
 Propylenglykol *n* niedrigen  
 Molekulargewichtes  
*f* propylène glycol *m* de faible poids  
 moleculaire  
*p* propileno glicol *m* de baixo peso molecular
- 3876 low sodium/potassium syndrome**  
 (Med.)  
 (Ref. to sodium or potassium depletion of the organism, due to diseases or to certain medicaments.)  
*d* Natrium/Kaliummangelsyndrom *n*  
*f* syndrome *m* de manque de sodium/potassium  
*p* síndrome *f* de deficiência de sódio/potássio
- 3877 low viscosity**  
 (Prod.)  
 (Pharmaceutical technology; product characteristic.)  
*d* niedrige Viskosität *f*  
*f* viscosité *f* basse  
*p* baixa viscosidade *f*
- 3878 low viscosity emulsions**  
 (Prod.)  
 (Pharmaceutical technology: product characteristic.)  
*d* Emulsionen *fppl* niedriger Viskosität  
*f* émulsions *fppl* de viscosité basse  
*p* emulsões *fppl* de baixa viscosidade
- 3879 low vitamin content**  
 (Vit.)  
 (Vitamin technology, ref. e.g. to a vitamin preparation.)



- d* niedriger Vitamingehalt *m*; geringer Vitamingehalt *m*  
*f* basse teneur *f* vitaminique  
*p* baixo teor *m* de vitaminas
- 3880 low vitamin matrix permeability**  
 (Vit.)  
 (Vitamin technology; gelatin matrix for vitamin embedding, to avoid interaction of substances.)  
*d* geringe Vitamin-Matrizenpermeabilität *f*  
*f* basse perméabilité *f* de la matrice des vitamines  
*p* baixo permeabilidade *f* da matriz das vitaminas
- 3881 lozenge as preparation of solid consistence**  
 (Prod.)  
 (Pharmaceutical technology; ref. to product characteristic.)  
*d* Lutschtablette *f* als Präparat fester Konsistenz  
*f* comprimé *m* à sucer comme préparation de consistence solide  
*p* pastilha *f* como preparação de consistência sólida
- 3882 lozenge containing a medicamentous substance**  
 (Prod.)  
 (Pharmaceutical technology; ref. to product characteristic.)  
*d* Lutschtablette *f* mit medikamentösem Wirkstoff  
*f* tablette *f* avec de substance médicamenteuse  
*p* pastilha *f* com substância medicamentosa
- 3883 lubricant**  
 (Prod.)  
 (Pharmaceutical technology; in tableting processes: polyethylene glycol, talc etc.)  
*d* Schmiermittel *n*; Schmierstoff *m*  
*f* lubrifiant *m*  
*p* lubrificante *m*
- 3884 lucern[e] capsules; alfalfa capsules**  
 (Phyto.)  
 ("Medicago sativa" – leguminous forage plant extract containing form, having medicamentous properties: e.g. hepatic detoxification, stomachic.)  
*d* Luzernen-Kapsel *f*  
*f* capsule *f* de luzerne  
*p* cápsula *f* de alfafa; cápsula *f* de luzerna
- 3885 lump formation; clotting**  
 (Prod.)  
 (Fine chemical technology; ref. to product behaviour, e.g. of auxiliaries.)  
*d* Klumpenbildung *f*; Verklumpung *f*  
*f* formation *f* de grumeaux  
*p* formação *f* de torrões
- 3886 lung**  
 (Anat.)  
 (Respiratory organ.)  
*d* Lunge *f*  
*f* poumon *m*  
*p* pulmão *m*
- 3887 luteinization**  
 (Med.)  
 (Formation of the corpora lutea (see entry: corpus luteum).)  
*d* Luteinisierung *f*  
*f* luteinisation *f*  
*p* luteinização *f*
- 3888 luteinizing hormone; gonadotrop[h]ic hormone**  
 (Horm.)  
 (LH; hormone originated in the anterior lobe of the pituitary gland; it stimulates the corpora lutea-development; also: interstitial cell – of the testis – stimulating hormone (ICSH). Gonadotrophin *n* = gonadotropin *n*.)  
*d* luteinisierendes Hormon *n*;  
 Luteinisierungshormon *n*; gonadotropes Hormon *n*  
*f* hormone *f* lutéinisante; hormone *f* gonadotrope  
*p* hormônio *m* luteinizante; hormônio *m* gonadotrópico
- \* luteinizing hormone-releasing factor → **3889**
- 3889 luteinizing hormone-releasing hormone; luteinizing hormone-releasing factor**  
 (Horm.)  
 (Secreted by the hypothalamus, gonadotrop[h]in release stimulating.)  
*d* Luteinisierungshormon freisetzendes Hormon *n*; Releaserfaktor *m* des Luteinisierungshormones  
*f* hormone *f* de libération de l'hormone lutéinisante  
*p* hormônio *m* de liberação do hormônio luteinizante
- 3890 luteinizing hormone stimulates the progesterone secretion**  
 (Horm.)  
 (LH in hormone biochemistry; hormone physiology.)  
*d* luteinisierendes Hormon *n* regt die Progesteron-Ausschüttung an

- f* hormone *f* lutéinisante stimule la sécrétion de la progestérone  
*p* hormônio *m* luteinizante estimula a secreção da progesterona
- \* **luteotropic hormone** → 3738
- \* **luteotrop[h]in** → 3738
- 3891 luteotropin**  
 (Horm.)  
 (Adenohypophyseal luteotropin; prolactin (see this entry); luteotropic hormone LTH; this hormone is not the luteinizing hormone (LH, also: ICSH, from "interstitial cell-stimulating hormone").)
- d* Luteotropin *n*  
*f* lutéotropine *f*  
*p* luteotropina *f*
- 3892 lyase**  
 (Enz.)  
 (Enzyme classification; enzyme forming double bonds; enzyme evolved in the addition of double bonds, addition on carbon double bonds.)
- d* Lyasen *fpl*  
*f* lyases *fpl*  
*p* liases *fpl*
- 3893 lyophilisate**  
 (Prod.)  
 (Pharmaceutical technology; a freeze-drying (lyophilization) product.)
- d* Lyophilisationsprodukt *n*; Produkt *n* der Gefriertrocknung  
*f* produit *m* de la lyophilisation  
*p* produto *m* da liofilização
- 3894 lyophilisate for injection**  
 (Prod.)  
 (Pharmaceutical technology; characteristic of a final pharmaceutical product form.)
- d* Lyophilisationsprodukt *n* für Injektionszwecke  
*f* produit *m* de la lyophilisation pour injection  
*p* produto *m* da liofilização para injeção
- 3895 lyophilisate for oral administration**  
 (Prod.)  
 (Pharmaceutical technology, a pharmaceutical form.)
- d* Lyophilisationsprodukt *n* zur oralen Verabreichung  
*f* produit *m* de la lyophilisation pour l'administration par voie orale  
*p* produto *m* da liofilização de administração oral
- \* **lyophilization** → 2746
- 3896 lyophilization auxiliary; freeze-drying auxiliary**  
 (Prod.)  
 (Pharmaceutical technology; auxiliary, e.g. in parenteral preparations. Lyophilization: high-vacuum drying process of deep-frozen water-containing products.)
- d* Gefriertrocknungshilfsmittel *n*;  
 Lyophilisationshilfsmittel *n*  
*f* produit *m* auxiliaire de lyophilisation  
*p* produto *m* auxiliar de liofilização
- \* **lyophilized vitamin injectable** → 2745
- 3897 lysine**  
 (Enz.)  
 (Enzymology; C<sub>6</sub>H<sub>14</sub>N<sub>2</sub>O<sub>2</sub>; essential amino acid; origin: hydrolysis of various proteins.)
- d* Lysin *n*  
*f* lysine *f*  
*p* lisina *f*
- 3898 lysis**  
 (Ant.)  
 (Destruction of bacterial cell wall by escape of cell contents (by internal pressure) through naturally occurring gaps, were penicillin prevents closure.)
- d* Lysis *f*  
*f* lyse *f*  
*p* lise *f*
- 3899 lysosome**  
 (Cyt.)  
 (Containing enzymes to be used during cell degeneration for the downbreaking of cell structures; they are one of the vacuole types.)
- d* Lysosom *n*  
*f* lysosome *m*  
*p* lisossomo *m*
- 3900 lysozyme**  
 (Enz.)  
 (A basic bacteriolytic protein.)
- d* Lysozym *n*  
*f* lysozyme *m*  
*p* lisozima *f*

# M

\* **macerate** *v* → 1924

**3901 maceration of medicinal drugs of vegetable origin**

(Phyto.)

(See entry: cold infusion.)

*d* Mazeration *f* von medizinischen Wirkstoffen pflanzlicher Herkunft; Ziehenlassen *n* von medizinische Wirkstoffe pflanzlicher Herkunft

*f* macération *f* des drogues d'origine végétale

*p* maceração *f* de drogas medicinais de origem vegetal

**3902 macrocrystalline** *adj*

(Vit.)

(Vitamin technology; product characteristic.)

*d* makrokristallin

*f* macrocristallin

*p* macrocristalino

**3903 macrocytic anaemia due to vitamin E deficiency; macrocytic anemia due to vitamin E deficiency**

(Vit.)

(Ref. to vitamin deficiency; hypovitaminosis.)

*d* makrozytische Blutarmut *f* durch

Vitamin E-Mangel

*f* anémie *f* macrocytaire due à la carence de la vitamine E

*p* anemia *f* macrocitária em consequência da carência de vitamina E

**3904 macroemulsion**

(Prod.)

(Pharmaceutical technology; a less fine emulsion.)

*d* Makroemulsion *f*

*f* macroémulsion *f*

*p* macroemulsão *f*

**3905 macromolecular agglutinant**

(Prod.)

(Pharmaceutical technology: e.g. auxiliary in tableting, auxiliaries which promote the agglutination of medicamentous principles and thus compressions.)

*d* makromolekulares

Agglutinations-Hilfsmittel *n*;

makromolekulares Verklebungshilfsmittel *n*

*f* agglutinant *m* macromoléculaire

*p* aglutinante *m* macromolecular

**3906 macromolecules of proteic nature; giant molecules of proteic nature**

(Enz.)

(Enzymology; enzyme characteristic.)

*d* Protein-Makromoleküle *npl*;

Protein-Riesenmoleküle *npl*

*f* macromolécules *fpl* de nature protéique;

molécules *fpl* géantes de nature protéique

*p* macromoléculas *fpl* de natureza protéica;

moléculas *fpl* gigantes de natureza protéica

**3907 macropeptide**

(Enz.)

(Protein form by more than one hundred aminoacids.)

*d* Makropeptid *n*

*f* macropeptide *f*

*p* macropeptídeo *m*

**3908 macroscopic examination of a tablet**

(Prod.)

(Pharmaceutical processes, control in tableting: details (the aspect) large enough to be observable by the naked eye.)

*d* makroskopische Begutachtung *f* der Tablette

*f* examen *m* macroscopique du comprimé

*p* exame *m* macroscópico do comprimido

**3909 magnesium carbonate disintegrant in effervescent tablets**

(Prod.)

(Pharmaceutical technology: disintegrant, (MgCO<sub>3</sub>) and effervescent agent, as auxiliary in tableting of effervescent tablets.)

*d* Magnesiumkarbonat *n* Sprengmittel in

Brausetabletten

*f* magnésie *f* carbonatée désintégrante dans des comprimés effervescents

*p* carbonato *m* de magnésio desintegrante em comprimidos efervescentes

**3910 magnesium deficiency syndrome**

(Med.)

(Magnesium deficiency, caused by diuretics inhibits the correction of potassium deficiency; see also entry: potassium chloride of gradual liberation.)

*d* Magnesiummangelsyndrom *n*

*f* syndrome *m* de manque de magnésium

*p* síndrome *f* de deficiência de magnésio

**3911 magnesium stearate**

(Prod.)

(Pharmaceutical processes; approx.:

Mg(C<sub>18</sub>H<sub>35</sub>O<sub>2</sub>)<sub>2</sub>; auxiliary (lubricant) in pharmaceutical in tablet production.)

- d* Magnesiumstearat *n*  
*f* stéarate *m* de magnésium  
*p* estearato *m* de magnésio
- 3912 magnesium sulphate; bitter salt**  
 (Prod.)  
 (MgSO<sub>4</sub>.7H<sub>2</sub>O; medicamentous substance; Epsom salts; osmotic effect as a cathartic; purgative; see these entries.)  
*d* Magnesiumsulfat *n*; Bittersalz *n*  
*f* sulfate *m* de magnésium; sel *m* de Sedlitz  
*p* sulfato *m* de magnésio; sal *m* amargo
- 3913 magnetic quantum number; m.q. number**  
 (Mol.)  
 (Definition: orbital number +1.)  
*d* magnetische Quantenzahl *f*  
*f* nombre *m* quantique magnétique  
*p* número *m* quântico magnético
- 3914 magnitude of analgesia**  
 (Pharm.)  
 (Pharmacodynamic action of analgesics.)  
*d* Ausmaß *n* der Analgie  
*f* étendue *f* de l'analgesie  
*p* magnitude *f* da analgesia
- 3915 maidenhair; adiantum**  
 (Phyto.)  
 ("Adiantum pedatum L., Polypodiaceae"; capillaire du Canada; bitter principle, bronchitis etc.)  
*d* Frauenhaar *n*; Venushaar *n*; Adiantum *n*  
*f* adiante *m*; capillaire *m* de Montpellier; cheveu-de-Venus *m*  
*p* avenca *f*; adianto *m*
- 3916 maintenance dose**  
 (Pharm.)  
 (Pharmacodynamics; ref. to dosage type of medicaments for long term treatment.)  
*d* Aufrechterhaltungsdose *f*  
*f* dose *f* d'entretien  
*p* dose *f* de manutenção
- 3917 malate dehydrogenase**  
 (Enz.)  
 (Intermediate in the Krebs-cycle; malate is a salt or an ester of malic acid, a dicarboxylic acid (C<sub>4</sub>H<sub>6</sub>O<sub>5</sub>).)  
*d* Malat-Dehydrogenase *f*  
*f* malate-déshydrogénase *f*; déshydrogénase *f* du malate  
*p* deshidrogenase *f* do malato
- 3918 male hormone**  
 (Horm.)  
 (Ref. to androgens.)
- d* männliches Hormon *n*  
*f* hormone *f* mâle  
*p* hormônio *m* masculino
- 3919 maleic acid; cis-butenedioic acid**  
 (Vit.)  
 (C<sub>4</sub>H<sub>4</sub>O<sub>4</sub>; e.g. stabilizer in certain vitamin solutions.)  
*d* Maleinsäure *f*; cis-Butendisäure *f*  
*f* acide *m* maléique  
*p* ácido *m* maléico
- 3920 male sex hormone**  
 (Horm.)  
 (See entry: androgen.)  
*d* männliches Geschlechtshormon *n*  
*f* hormone *f* androgène  
*p* hormônio *m* andrógeno
- 3921 malic acid; l-malic acid**  
 (Enz.)  
 (C<sub>4</sub>H<sub>6</sub>O<sub>5</sub>; l-hydroxysuccinic acid; apple acid; intermediate in the Krebs-cycle.)  
*d* Maleinsäure *f*; l-Maleinsäure *f*; Apfelsäure *f*; Äpfelsäure *f*; Hydroxybernsteinsäure *f*  
*f* acide *m* l-malique  
*p* ácido-l-málico *m*
- 3922 malic dehydrogenase**  
 (Enz.)  
 (C<sub>4</sub>H<sub>6</sub>O<sub>5</sub>; malic acid; intermediate in the Krebs-cycle. Dehydrogenase: oxidoreductase; an enzyme catalysing oxidation-reduction reactions in the human body.)  
*d* Apfelsäuredehydrogenase *f*;  
 Maleinsäuredehydrase *f*  
*f* déshydrogénase *f* malique; déhydrase *f* malique  
*p* deshidrogenase *f* málica
- 3923 mallow-leaf infusion; common mallow-leaf infusion**  
 (Phyto.)  
 ("Malva sylvestres L."; "Malva rotundifolia L.", Malvaceae. Use: catarrh of the respiratory system, bronchitis, coughing.)  
*d* Malvenblätter-Infusion *f*; Aufguß *m* der Wegmalvenblätter  
*f* tisane *f* des feuilles de la mauve  
*p* infusão *f* de folhas da malva; chá *m* de folhas da malva
- 3924 maltase**  
 (Enz.)  
 (A catalytic enzyme; it acts in the hydrolysis process of maltose (malt sugar, C<sub>12</sub>H<sub>22</sub>O<sub>11</sub>.H<sub>2</sub>O), forming glucose.)  
*d* Maltase *f*

- f* maltase *f*  
*p* maltase *f*
- 3925 maltose**  
 (Prod.)  
 (C<sub>12</sub>H<sub>22</sub>O<sub>11</sub>·H<sub>2</sub>O; malt sugar; a disaccharide; auxiliary in pharmaceutical processes/production; e.g. in the production of vitamin forms.)  
*d* Maltose *f*  
*f* maltose *m*  
*p* maltose *m*
- 3926 malutilization of vitamins**  
 (Vit.)  
 (Vitamin physiology, ref. esp. to vitamin E activity; inadequate utilization of vitamins by the organism, cause of vitamin deficiencies.)  
*d* Unterausnutzung *f* der Vitamine  
*f* malutilisation *f* des vitamines  
*p* má utilização *f* das vitaminas
- 3927 mamma**  
 (Anat.)  
 (Part of the female body, breast, one of two milk producing glands.)  
*d* Brüste *f*; Mutterbrust *f*  
*f* mamelle *f*; sein *m*  
*p* seio *m*; mama *f*
- 3928 mandelic acid**  
 (Prod.)  
 (Pharmaceutical technology. C<sub>8</sub>H<sub>8</sub>O<sub>3</sub>; e.g. pH-modifier: acidifier.)  
*d* Mandelsäure *f*  
*f* acide *m* mandélique  
*p* ácido *m* mandélico; ácido *m* amigdalico
- 3929 manganese – incorporated in vitamin preparations**  
 (Vit.)  
 (Vitamin technology; Mn; trace element in vitamin preparations; activator and cofactor of enzymes.)  
*d* Mangan *n* – eingearbeitet in Vitaminpräparaten  
*f* manganèse *m* – incorporé dans des préparations vitaminiques  
*p* manganês *m* – incorporado in preparações de vitaminas
- 3930 manipulation of genes**  
 (Cyt.)  
 (In biotechnology, ref. to biotechnological intervention on molecular level, for improvement purposes.)  
*d* Manipulation *f* der Gene  
*f* manipulation *f* de gènes
- p* manipulação *f* dos genes
- \* **mannite** → 3931
- 3931 mannitol; mannite**  
 (Prod.)  
 (C<sub>6</sub>H<sub>14</sub>O<sub>6</sub>; pharmaceutical technology. a polyalcohol; manna sugar; excipient; dilution promoting agent; auxiliary in tableting processes. Medicamentous substance: diuretic (see entry) with osmotic effect.)  
*d* Mannit *m*  
*f* mannitol *m*; mannite *f*  
*p* manitol *m*; manita *f*
- 3932 mannitol is filtered at the glomeruli of the kidney**  
 (Pharm.)  
 ((C<sub>6</sub>H<sub>14</sub>O<sub>6</sub>), ref. to a diuretic and its activity in the organism.)  
*d* Mannit *m* wird durch die Nierenkörperchen gefiltert; Mannit *m* wird durch die Glomeruli gefiltert  
*f* mannitol *m* est filtré par des glomérules du rein  
*p* manitol *m* é filtrado pelos glomérulos renais
- 3933 mannitol is not excreted by the renal tubules**  
 (Pharm.)  
 ((C<sub>6</sub>H<sub>14</sub>O<sub>6</sub>), ref. to a diuretic and its activity in the organism.)  
*d* Mannit *m* wird nicht von den Nierentubuli ausgeschwemmt; Mannit *m* wird nicht von den Nierenkanälchen ausgeschwemmt  
*f* mannitol *m* n'est pas excrété par des tubes urinaires de le rein  
*p* manitol *m* não é excretado pelos túbulos renais
- 3934 mannitol is not reabsorbed by the kidney**  
 (Pharm.)  
 ((C<sub>6</sub>H<sub>14</sub>O<sub>6</sub>), ref. to a diuretic and its activity in the organism.)  
*d* Mannit *m* wird nicht von der Niere resorbiert  
*f* mannitol *m* n'est pas réabsorbé par des reins  
*p* manitol *m* não é reabsorvido pelos rins
- 3935 marginal vitamin deficiency**  
 (Vit.)  
 (Vitamin physiology; ref. to dietary inadequacy, physiological problems etc.)  
*d* Rand-Mangelscheinung *f* von Vitaminen  
*f* carence *f* marginale de vitamines  
*p* carência *f* marginal de vitaminas
- \* **marigold** → 1034

- 3936 marjoram**  
(Phyto.)  
(Genus "Origanum majorana", medicinal aromatic herb; diaphoretic (sudorific); stomachic, anti-spasmodic.)  
*d* Majoran *m*  
*f* marjolaine *f*  
*p* manjerona *f*
- 3937 masking of unpleasant taste**  
(Prod.)  
(Pharmaceutical technology; production problem relating to vitamin products: addition of a suitable flavouring agent.)  
*d* Geschmacksmaskierung *f*  
*f* masquage *m* du goût  
*p* mascaração *f* do paladar
- 3938 mask v the organoleptic character of the pharmaceutical form**  
(Prod.)  
(Pharmaceutical technology; e.g. masking with synthetic flavours made from organic intermediates.)  
*d* den organoleptischen Charakter der pharmazeutischen Form maskieren  
*f* masquer le caractère organoleptique de la forme pharmaceutique  
*p* mascarar o caráter organoléptico da forma farmacêutica
- 3939 massive dose**  
(Med.)  
(Medicine intake in therapeutics.)  
*d* massive Dosis *f*  
*f* dose *f* massive  
*p* dose *f* massiva
- 3940 mass number; nucleon number**  
(Mol.)  
(Symbol A; ref. to the number of nucleons in an atomic nucleus.)  
*d* Massenzahl *f*; Nukleonenzahl *f*  
*f* nombre *m* de masse; nombre *m* des nucléons  
*p* número *m* de massa; número *m* de núcleons
- \* **mastery of the fermentation process** → 2075
- 3941 mastery of the metabolism of microorganisms**  
(Enz.)  
(Ref. to research, necessary for the industrial application of biotechnologies.)  
*d* Beherrschung *f* des Stoffwechsels der Mikroorganismen  
*f* maîtrise *f* du métabolisme des micro-organismes
- p* dominação *f* do metabolismo dos microorganismos
- 3942 material**  
(Prod.)  
(Elements (e.g. building material) for construction purposes; substances of which something is made.)  
*d* Material *n*  
*f* matériau *m*  
*p* material *m*
- 3943 material constitution**  
(Prod.)  
(Pharmaceutical chemistry; ref. to physical characteristics and structure of the material. Chemical structure of a compound, ref. to atom sequences within molecules and their binding with each other.)  
*d* Konstitution *f* des Materials  
*f* constitution *f* de la matière  
*p* constituição *f* do material
- 3944 matrix**  
(Prod.)  
(Embedding material for purposes in pharmaceutical chemistry and -processes.)  
*d* Matriz *f*  
*f* matrice *f*  
*p* matriz *f*
- 3945 matter**  
(Prod.)  
(In chemistry: substances recognizable by the senses, e.g. organic matter, inorganic matter; any solid, liquid or gaseous substance; material substance, occupying space, composed of atoms.)  
*d* Materie *f*  
*f* matière *f*  
*p* matéria *f*
- 3946 maturation of a precursor**  
(Horm.)  
(Ref. here to hormone-origin.)  
*d* Reifung *f* des Vorproduktes  
*f* maturation *f* d'un précurseur  
*p* maturação *f* de um precursor
- 3947 maturation of male gametes; maturation of spermatozoa**  
(Horm.)  
(Maturation provoked by androgens, e.g. by testosterone, a steroid male sex hormone.)  
*d* Reifung *f* der männlichen Samenzellen  
*f* maturation *f* des gamètes mâles; maturation *f* des spermatozoïdes  
*p* maturação *f* dos gametas masculinos; maturação *f* dos espermatozoides

- \* **maturation of spermatozoa** → 3947
- 3948 maximum single dose**  
(Pharm.)  
(Pharmacodynamics; generally prescribed by law.)  
*d* maximale Einzeldosis *f*  
*f* dose *f* unique maximale  
*p* dose *f* única máxima
- 3949 maximum value of a concentration**  
(Prod.)  
(Pharmaceutical chemistry.)  
*d* Höchstwert *m* einer Konzentration  
*f* valeur *f* maximale d'une concentration  
*p* valor *m* máximo de uma concentração
- \* **meadow clover** → 5316
- 3950 meadow saffron; wild saffron; autumn crocus**  
(Phyto.)  
("Colchicum autumnale L., Liliaceae"; yielding – by extraction – the medicamentous substance: colchicine (see this entry).)  
*d* Herbstzeitlose *f*  
*f* colchique *f*; safran *m* des prés  
*p* cólquico *m*; lírio-verde *m*
- 3951 mean molecular weight; medium-molecular weight; average molecular weight**  
(Prod.)  
(Pharmaceutical chemistry; ref. to the mass of a compound's molecule; relative molecular mass.)  
*d* mittleres Molekulargewicht *n*  
*f* poids *m* moléculaire moyen  
*p* peso *m* molecular médio
- 3952 mean pressure; limit pressure**  
(Prod.)  
(Pharmaceutical processes; ref. to processing activities; ref. to average and top level pressure.)  
*d* mittlerer Druck *m*; Grenzdruck *m*  
*f* pression *f* moyenne; pression *f* limite  
*p* pressão *f* média; pressão *f* limite
- 3953 mean vitamin content**  
(Vit.)  
(Vitamin technology; ref. to a vitamin preparation.)  
*d* mittlerer Vitamingehalt *m*  
*f* teneur *f* vitaminique moyenne  
*p* teor *m* médio de vitaminas
- 3954 measurement of density**  
(Prod.)  
(Pharmaceutical processes.)  
*d* Messen *n* der Densität  
*f* mesure *f* de la densité  
*p* medição *f* da densidade
- 3955 measuring of contact angle in a drop of surfactant solution**  
(Prod.)  
(Pharmaceutical processes: see entry: "determination of a surfactant's wetting power", process of determination of surface tension.)  
*d* Randwinkelmessung *f* eines Tropfens einer Tensidlösung  
*f* mesure *m* de l'angle de contact d'une goutte de la solution de tensioactif  
*p* medição *f* do ângulo interfacial de uma gota de uma solução tensoativa
- 3956 mechanical properties**  
(Vit.)  
(Vitamin technology; ref. to the characteristics of vitamin mixtures, vitamin granules etc in tableting processes, e.g. affected by water content.)  
*d* mechanische Eigenschaften *fpl*  
*f* propriétés *fpl* mécaniques  
*p* propriedades *fpl* mecânicas
- 3957 mechanical stress**  
(Prod.)  
(Pharmaceutical technology; ref. to the influence of tableting processes (compression, shaking, stirring etc) on the single components.)  
*d* mechanische Beanspruchung *f*  
*f* fatigue *f* mécanique  
*p* estresse *m* mecânico
- 3958 mechanisms of polymerization**  
(Prod.)  
(Pharmaceutical technology; ref. to reaction/synthesis processes.)  
*d* Polymerisationsmechanismen *mpl*  
*f* mécanismes *mpl* de la polymérisation  
*p* mecanismos *mpl* da polimerização
- 3959 mechanisms of spontaneous alteration of the active principle**  
(Prod.)  
(Pharmaceutical technology; e.g. ref. to the "stabilization of the active principle", see this entry.)  
*d* Mechanismen *mpl* der spontanen Veränderung der Wirksubstanz

- f* mécanismes *mpl* d'altération spontanée de la substance médicamenteuse  
*p* mecanismos *mpl* de alteração espontânea da substância ativa
- 3960 mediator molecule**  
 (Horm.)  
 (Hormone biochemistry; ref. to hormone/enzyme cell activity)  
*d* Vermittler-Molekül *n*  
*f* molécule *f* médiatrice  
*p* molécula *f* mediadora
- 3961 mediator release**  
 (Med.)  
 (E.g. a prophylactic measure against allergies, as hay fever.)  
*d* Mediatorenfreisetzung *f*, Freisetzung *f* von Mittelstoffen  
*f* libération *f* de médiateurs  
*p* liberação *f* de mediadores
- 3962 medicable adj**  
 (Med.)  
 (Curable by medicaments.)  
*d* arzneilich behandelbar  
*f* médicable  
*p* medicável
- \* **medical aims** → 3964
- 3963 medical diathermy**  
 (Med.)  
 (Therapy, using alternating high-frequency current (A.C.) for tissue heating.)  
*d* ärztliche Diathermie *f*  
*f* diathermie *f* médicale  
*p* diatermia *f* médica
- \* **medical objects** → 3964
- 3964 medical purposes; medical objects; medical aims**  
 (Enz.)  
 (Biotechnology in industrial exploitation.)  
*d* medizinische Zwecke *fpl*; medizinische Ziele *npl*  
*f* fins *fpl* médicales; buts *mpl* médicaux  
*p* finalidades *fpl* medicinais
- 3965 medical treatment**  
 (Med.)  
 (Ref. to medication; treatment with drugs by the physician.)  
*d* ärztliche Behandlung *f*  
*f* traitement *m* médical  
*p* tratamento *m* médico
- \* **medicament against arteriosclerosis** → 451
- \* **medicament against scarlet fever** → 561
- \* **medicament fixed on a carrier** → 3966
- 3966 medicament fixed on a vector; medicament fixed on a carrier**  
 (Prod.)  
 (Pharmaceutical chemistry; e.g. to obtain higher "selective affinity to a target organ" (see entry).)  
*d* auf einer Trägersubstanz fixiertes Medikament *n*  
*f* médicament *m* fixé sur un vecteur  
*p* medicamento *m* fixado num vetor
- 3967 medicament metabolized in the organism**  
 (Pharm.)  
 (Pharmacokinetics; research of the metabolism/excretion of drugs.)  
*d* Arzneimittel *n*, im Körper durch den Stoffwechsel umgesetzt  
*f* médicament *m* métabolisé dans l'organisme  
*p* medicamento *m* metabolizado no organismo
- 3968 medicamentous administration by parenteral route**  
 (Med.)  
 (Application method: administration otherwise than through the mouth, bypassing the digestive track.)  
*d* medikamentöse Verabreichung *f* auf parenteralem Wege  
*f* administration *f* médicamenteuse par voie parentérale  
*p* administração *f* medicamentosa por via parenteral
- 3969 medicamentous aerosol**  
 (Prod.)  
 (Pharmaceutical technology: destined to entering the lung alveoli.)  
*d* medikamentöse Aerosol *n*  
*f* aérosol *m* médicamenteux  
*p* aerosol *m* medicamentoso
- 3970 medicamentous bioprecursor**  
 (Prod.)  
 (Pharmaceutical chemistry; a medicamentous substance which needs metabolic bioactivation for turning active.)  
*d* medikamentöses Biovorprodukt *n*; medikamentöser Biovorläufer *m*  
*f* bioprécurseur *m* médicamenteux  
*p* bioprecursor *m* medicamentoso



- 3971 medicamentous capsule**  
(Prod.)  
(Pharmaceutical technology; pharmaceutical drug form.)  
*d* medikamentöse Kapsel *f*  
*f* capsule *f* médicamenteuse  
*p* cápsula *f* medicamentosa
- 3972 medicamentous dose; drug dose**  
(Pharm.)  
(Pharmacodynamics; ref. to the exact drug quantity for treatment.)  
*d* Arzneimitteldosis *f*  
*f* dose *f* d'un médicament  
*p* dose *f* de um medicamento
- 3973 medicamentous enrichment; drug accumulation**  
(Pharm.)  
(Pharmacokinetics; ref. to therapeutical drug accumulation in the living system.)  
*d* Arzneimittelanreicherung *f*;  
Arzneimittelakkumulation *f*  
*f* enrichissement *m* médicamenteux;  
accumulation *f* médicamenteuse  
*p* enriquecimento *m* medicamentoso;  
acumulação *f* medicamentosa
- \* **medicamentous fever** → 2110
- 3974 medicamentous fraction**  
(Prod.)  
(Pharmaceutical chemistry; e.g. ref. to a compound.)  
*d* medikamentöse Fraktion *f*; medikamentöser Anteil *m*  
*f* fraction *f* médicamenteuse  
*p* fração *f* medicamentosa
- 3975 medicamentous influence on the organism**  
(Pharm.)  
(Pharmacodynamics.)  
*d* Arzneimittelinfluss *m* auf den Organismus  
*f* influence *f* médicamenteuse sur l'organisme  
*p* influência *f* medicamentosa no organismo
- 3976 medicamentous interaction regarding a vitamin**  
(Vit.)  
(Ref. to vitamin biochemistry/physiology.)  
*d* medikamentöse Zwischenwirkung *f*  
hinsichtlich eines Vitamins  
*f* interaction *f* médicamenteuse à l'égard d'une vitamine  
*p* interação *f* medicamentosa com respeito a uma vitamina
- 3977 medicamentous molecule**  
(Prod.)  
(Pharmaceutical technology; molecules which have therapeutic properties, i.e. could be used in the elaboration of active principles.)  
*d* medikamentöses Molekül *n*  
*f* molécule *f* médicamenteuse  
*p* molécula *f* medicamentosa
- 3978 medicamentous mydriasis**  
(Pharm.)  
(Ref. to pupil-dilation as effect of atropine, see this entry; used in therapy.)  
*d* arzneimittelbedingte Pupillenerweiterung *f*  
*f* mydriase *f* médicamenteuse  
*p* midriase *f* medicamentosa
- 3979 medicamentous particles**  
(Prod.)  
(Pharmaceutical chemistry; e.g. in solutions.)  
*d* medikamentöse Teilchen *npl*  
*f* particules *fpl* médicamenteuses  
*p* partículas *fpl* medicamentosas
- 3980 medicamentous powder for compression**  
(Prod.)  
(Pharmaceutical processes; ref. to powder destined for compression; in tablet production; see entry "tablet: a pharmaceutical preparation of solid consistency".)  
*d* medikamentöses Pulver *n* für die Verpressung; medikamentöses Pulver *n* zur Verpressung  
*f* poudre *f* médicamenteuse à comprimer  
*p* pó *m* medicamentoso para compressão
- 3981 medicamentous powders**  
(Prod.)  
(Pharmaceutical technology; pharmaceutical form.)  
*d* heilkräftige Puder *npl*; pharmazeutische Puder *npl*  
*f* poudres *fpl* médicamenteuses  
*p* pós *mpl* medicamentosos
- 3982 medicamentous principles**  
(Prod.)  
(Pharmaceutical chemistry; ref. to pharmacology, medicamentous substances.)  
*d* medikamentöse Wirkstoffe *mpl*  
*f* principes *mpl* médicamenteux  
*p* princípios *mpl* medicamentosos
- 3983 medicamentous side-effect**  
(Pharm.)  
(Ref. to activity/characteristics of medicamentous drugs.)

- d* medikamentöse Nebenwirkung *f*,  
Arzneimittelnebenwirkung *f*  
*f* effet *m* latéral médicamenteux  
*p* efeito *m* lateral medicamentoso
- 3984 medicamentous substance in solution**  
(Prod.)  
(Defining a medicamentous solute: a dissolved substance.)  
*d* sich in Lösung befindliche medikamentöse Substanz *f*  
*f* substance *f* médicamenteuse en solution  
*p* substância *f* medicamentosa em solução
- 3985 medicamentous synergism**  
(Ant.)  
(Ref. to synergism of drugs in therapy, e.g. in the case of antibiotics.)  
*d* medikamentöse Synergie *f*  
*f* synergie *f* médicamenteuse  
*p* sinergia *f* medicamentosa
- 3986 medicamentous treatment of a glaucoma attack**  
(Pharm.)  
(E.g. by oral administration of carboanhydrase inhibitor drugs for the reduction of aqueous humour production, also: der grüne Star.)  
*d* medikamentöse Behandlung *f* des Glaukomanfalles  
*f* traitement *m* médicamenteux d'un accès subit de glaucome  
*p* tratamento *m* medicamentoso de um ataque de glaucoma
- 3987 medicament out of the plant kingdom**  
(Phyt.)  
(Pharmaceutical chemistry; this kind of medical drugs were the first kind to be used – the empirical way yet.)  
*d* Medikament *n* aus dem Pflanzenreich  
*f* médicament *m* du règne végétal  
*p* medicamento *m* do reino vegetal
- 3988 medicaments against diseases caused by parasitic fungi**  
(Prod.)  
(Pharmaceutical technology; e.g. antimycotics.)  
*d* Arzneimittel *npf* gegen Pilzkrankungen  
*f* médicaments *mpl* contre les maladies causées par les champignons parasites  
*p* medicamentos *mpl* contra doenças causadas por fungos parasíticos
- \* **medicaments against diseases of elderly people** → 2113
- 3989 medicament which does not determine a high plasma level**  
(Pharm.)  
(E.g. ref. to natural drugs.)  
*d* Arzneistoff *m* welcher kein hohes Plasmaniveau bestimmt  
*f* médicament *m* qui ne détermine pas un niveau plasmatique élevé  
*p* medicamento *m* que não determina um nível plasmático elevado
- 3990 medication: administration of a medicament regarding a determined therapeutic finality**  
(Med.)  
(Ref. to administration of drugs for treatment of the body.)  
*d* Arzneimittelverabreichung *f*: Abgabe einer Arznei hinsichtlich eines bestimmten therapeutischen Ziels  
*f* médication *f*: emploi d'un médicament en considération d'un but thérapeutique déterminé  
*p* medicação *f*: aplicação de um medicamento com vista a uma finalidade terapêutica determinada
- 3991 medicinal aerosol**  
(Prod.)  
(Pharmaceutical technology; medicated aerosol, medicamentous form, bronchopulmonary treatment.)  
*d* medizinisches Aerosol *n*  
*f* aérosol *m* médicinal  
*p* aerosol *m* medicinal
- 3992 medicinal agent; medicinally active principle; medicinally active substance**  
(Prod.)  
(Pharmaceutical technology; the active medicinal principle is always only a small part of the whole tablet weight and tablet volume, which contains also additives and fillers.)  
*d* medizinisches Agens *n*; medizinisch wirksamer Stoff *m*  
*f* agent *m* médicinal; principe *m* actif médicinal  
*p* agente *m* medicinal; principio *m* ativo medicinal
- 3993 medicinal drug adjuvant**  
(Prod.)  
(Pharmaceutical technology; medicament enhancing the activity of the main medicinal drug.)  
*d* unterstützendes Arzneimittel *n*  
*f* médicament *m* adjuvant  
*p* medicamento *m* adjuvante

- 3994 medicinal drug against osteomalacia**  
(Vit.)  
(Hypovitaminosis of vitamin D: bone softening by decalcification of bone tissue.)  
*d* Arzneimittel *n* gegen Knochenweichung  
*f* médicament *m* contre la ostéomalacie  
*p* medicamento *m* contra osteomalacia
- 3995 medicinal drug containing tablet**  
(Prod.)  
(Pharmaceutical technology; ref. to tableting.)  
*d* Arzneimittel *n* enthaltende Tablette  
*f* comprimé *m* contenant le médicament  
*p* comprimido *m* contendo o medicamento
- 3996 medicinal drug effect**  
(Pharm.)  
(Result of the action of a medicament.)  
*d* Wirkung *f* des Arzneimittels  
*f* effet *m* du médicament; effet *m* médicamenteux  
*p* efeito *m* do medicamento; efeito medicamentoso
- 3997 medicinal earth; healing earth**  
(Phyto.)  
(E.g. sand, clay or loam for healing purposes.)  
*d* Heilerde *f*  
*f* terre *f* médicinale; terre *f* curative  
*p* terra *f* medicinal
- 3998 medicinal function of hormones**  
(Horm.)  
(Hormones in therapeutics.)  
*d* Arzneimittelfunktion *f* der Hormone  
*f* fonction *f* médicinale des hormones  
*p* função *f* medicinal dos hormônios
- 3999 medicinal herbs**  
(Phyto.)  
(E.g. "henbane" etc, see this entry.)  
*d* Heilkräuter *npl*  
*f* herbes *fpl* médicinales  
*p* ervas *fpl* medicinais
- 4000 medicinal kaolin utilized for the improvement of tablet presentation**  
(Prod.)  
(Pharmaceutical technology: tablet treatment for external aspect improvement.)  
*d* medizinisches Kaolin *n* eingesetzt zur Verbesserung des äußerlichen Aussehens der Tablette  
*f* kaolin *m* médicinal utilisé pour l'amélioration de la présentation du comprimé  
*p* caulim *m* medicinal usado na melhora de apresentação do comprimido
- \* **medicinally active principle** → 3992
- \* **medicinally active substance** → 3992
- \* **medicinally active substance, active principle** → 237
- 4001 medicinally pure kaolin**  
(Pharm.)  
(In cases of diarrhoea, binding agent of diarrhoea producing toxins.)  
*d* medizinisches reines Kaolin *n*  
*f* kaolin *m* médicinal pur  
*p* caulim *m* puro medicinal
- 4002 medicinal oils**  
(Prod.)  
(Pharmaceutical chemistry; e.g. obtained from olive oil, almond oil, peanut oil with addition of medicamentous substances or containing plant extracts.)  
*d* medizinische Öle *npl*  
*f* huiles *fpl* médicinales  
*p* óleos *mpl* medicinais
- 4003 medicinal oils containing extracts of plant drugs**  
(Phyto.)  
(Sources from which these medicinal oils are obtained, are e.g. olive oil, peanut oil etc.)  
*d* pflanzliche Drogenextrakte *mpl* enthaltende medizinische Öle  
*f* huiles *fpl* médicinales renfermant des extraits de drogues végétales  
*p* óleos *mpl* medicinais contendo extratos de drogas vegetais
- 4004 medicinal paste**  
(Prod.)  
(Pharmaceutical technology; pharmaceutical forms.)  
*d* Heilmittelpaste *f*  
*f* pâte *f* officinale  
*p* pasta *f* medicinal
- 4005 medicinal plant**  
(Phyto.)  
(Origin of medicine used in phytotherapy e.g. the deadly nightshade, (see entry) yielding the medicamentous substance atropine (see this entry).)  
*d* Heilpflanze *f*; Arzneipflanze *f*  
*f* plante *f* médicinale  
*p* planta *f* medicinal
- 4006 medicinal plant oils for skin anointment**  
(Phyto.)  
(Phytotherapy in skin treatment.)

- d* medizinische Pflanzenöle *npl* zur Hauteinsalbung
- f* huiles *fpl* médicinales végétales pour l'onction cutanée; huiles *fpl* médicinales végétales pour l'onction de la peau
- p* óleos *mpl* medicinais para a untura cutânea; óleos *mpl* medicinais para a untadura da pele
- 4007 medicinal powder**  
(Prod.)
- d* medizinisches Puder *n*
- f* poudre *f* médicinale
- p* pó *m* medicinal
- 4008 medicinal preparation**  
(Prod.)  
(Pharmaceutical technology: designing the final product; e.g. a drug.)
- d* medizinische Zubereitung *f*; Präparat *n*
- f* préparation *f* médicinale
- p* preparação *f* medicinal; preparado *m*
- 4009 medicinal spray**  
(Prod.)  
(Pharmaceutical technology: pharmaceutical form.)
- d* Heilspray *m/n*
- f* spray *m* médicinal
- p* spray *m* medicinal
- 4010 medicinal sugared compound paste**  
(Prod.)  
(Pharmaceutical technology; pharmaceutical forms.)
- d* zusammengesetzte gezuckerte Heilmittelpaste *f*
- f* pâte *f* officinale composé sucré
- p* pasta *f* medicinal composta açucarada
- 4011 medicinal wine**  
(Prod.)  
(Pharmaceutical chemistry; a tonic, also: e.g. in Brazil "Catuaba: Anemopaegma glaucum", an aphrodisiac.)
- d* medizinischer Wein *m*
- f* vin *m* médicinal
- p* vinho *m* medicinal
- \* **medicine dropper of easy handling → 2099**
- 4012 medium effective dose**  
(Pharm.)  
(In pharmacology: ref. to the dose of the active principle, which shows the desired therapeutical effect with 50% of the probands (subjects) and/or experimental animals.)
- d* mittlere effektive Dosis *f*; ED50
- f* dose *f* moyenne effective
- p* dose *f* média efetiva
- \* **medium-molecular weight → 3951**
- 4013 medium particle size of a dispersion**  
(Prod.)  
(Pharmaceutical chemistry; see entry: dispersion.)
- d* mittlere Teilchengröße *f* einer Dispersion
- f* dimension *f* moyenne des particules d'une dispersion
- p* dimensão *f* média das partículas de uma dispersão
- 4014 megaloblast**  
(Med.)  
(Abnormal form of erythroblast; see entry: megaloblastic anaemia.)
- d* Megaloblast *m*
- f* mégaloblaste *m*
- p* megaloblasto *m*
- 4015 megaloblastic anaemia**  
(Vit.)  
(Deficiency of vitamin B<sub>12</sub> or folic acid.)
- d* Megaloblastenanämie *f*
- f* anémie *f* mégaloblastique
- p* anemia *f* megaloblástica
- 4016 megavitaminotherapy**  
(Vit.)  
(Treatment-therapy in cases of severe hypovitaminosis with very high doses of vitamins.)
- d* Megavitamintherapie *f*
- f* mégavitaminothérapie *f*
- p* megavitaminoterapia *f*
- 4017 meiosis**  
(Cyt.)  
(Cell reduction division; production of four daughter cells, having each one half of the number of chromosomes of the original cell.)
- d* Meiose *f*
- f* méiose *f*
- p* meiose *f*
- 4018 melanocyte-stimulating hormone**  
(Horm.)  
(MSH; pituitary gland skin-darkening hormone; darkening effect by melanin dispersion; this hormone is also called: melanophore-stimulating hormone.)
- d* melanozytenstimulierendes Hormon *n*
- f* hormone *f* mélanotrope; hormone *f* stimulante des mélanocytes; mélanostimuline *f*
- p* hormônio *m* estimulador dos melanócitos

- 4019 melatonin**  
(Horm.)  
(Hormone of the pineal gland (epiphysis); e.g. reduces metabolic activity; also: skin-lightening factor by reversing the darkening effect of the hormone MSH (melanocyte-stimulating hormone).)  
*d* Melatonin *n*  
*f* mélatonine *f*  
*p* melatonina *f*
- 4020 melissa tea**  
(Phyto.)  
(Medicinal herb; "Melissa officinalis L.", stomachic, antispasmodic, gastric disorders.)  
*d* Melissentee *m*  
*f* tisane *f* de mélisse  
*p* chá *m* de erva-cidreira
- 4021 meltable excipient for suppositories**  
(Prod.)  
(Pharmaceutical technology: e.g. cocoa butter, "Theobroma cacao L.", triglycerides etc.)  
*d* schmelzbare Trägersubstanz *f* für Zäpfchen; schmelzbare Trägersubstanz *f* für Suppositorien  
*f* excipient *m* fondant pour suppositoires  
*p* excipiente *m* fundível para supositórios
- 4022 membrane-directed character**  
(Vit.)  
(Ref. to supposed intervention of fat-soluble vitamins.)  
*d* membranenbezoglicher Charakter *m*  
*f* caractère *m* membranaire  
*p* propriedade *f* dirigida às membranas
- 4023 membrane-permanent enzyme; membrane-stable enzyme**  
(Enz.)  
(Involved in the distribution of potassium and sodium in the organism.)  
*d* membranständiges Enzym *n*  
*f* enzyme *f* membranaire permanente  
*p* enzima *f* permanente da membrana
- 4024 membrane process**  
(Prod.)  
(Pharmaceutical processes; processes for substance separation by means of selectively permeable membranes; e.g. "ultrafiltration", "reverse osmosis; hyperfiltration", see these entries.)  
*d* Membranverfahren *n*  
*f* processus *m* membranaire  
*p* processo *m* a membrana
- 4025 membrane proteins**  
(Enz.)  
(Ref. to the membrane structure of the organism.)  
*d* Membranproteine *npl*  
*f* protéines *fpl* membranaires  
*p* proteínas *fpl* das membranas  
  
\* membrane-stable enzyme → 4023
- 4026 membranous impact**  
(Pharm.)  
(Ref. to the influence of substances like hormones, vitamins etc on the membranes.)  
*d* Einwirkung *f* auf die Membranen  
*f* impact *m* membranaire  
*p* impacto *m* relativo às membranas
- 4027 membranous mediator of hormonal action**  
(Horm.)  
(Ref. to the interaction of guanosine triphosphate, GTP, in the process of hormonal action.)  
*d* Membranen-Mediator *m* der Hormonwirkung; Membranen-Mittlerstoff *m* der Hormonwirkung  
*f* médiateur *m* membranaire de l'action hormonale  
*p* mediador *m* das membranas para a ação hormonal
- 4028 membranous transduction of hormonal messages**  
(Horm.)  
(Hormone biochemistry/physiology.)  
*d* Membran-Transduktion *f* der hormonalen Botschaften  
*f* transduction *f* membranaire des messages hormonaux  
*p* transdução *f* das mensagens hormonais pelas membranas
- 4029 menadione sodium bisulfite; vitamin K<sub>3</sub> water-soluble**  
(Vit.)  
(Vitamin technology;  
C<sub>11</sub>H<sub>8</sub>O<sub>2</sub>.NaHSO<sub>3</sub>.3H<sub>2</sub>O; e.g. used for injectables.)  
*d* Menadion-Natriumbisulfid *n*; wasserlösliches Vitamin *n* K<sub>3</sub>  
*f* bisulfite *m* de sodium de la ménadione; vitamine *f* K<sub>3</sub> hydrosoluble  
*p* bissulfito *m* de sódio de menadiona; vitamina *f* K<sub>3</sub> hidrossolúvel  
  
\* menaquinone → 6905

- 4030 meningococcus** (meningococci *pl*)  
(Ant.)  
(Neisseria meningitidis; e.g. indication: penicillin therapy.)  
*d* Meningokokkus *m* (Meningokokken *mpl*)  
*f* méningocoque *m* (méningocoques *mpl*)  
*p* meningococo *m* (meningococos *mpl*)
- 4031 menthol**  
(Prod.)  
(Pharmaceutical technology; C<sub>10</sub>H<sub>20</sub>O; antiseptic; active principle in cough drop.)  
*d* Menthol *n*  
*f* menthol *m*  
*p* mentol *m*
- 4032 mercurial diuretic**  
(Prod.)  
(Pharmaceutical technology; diuretics based on certain mercurial compounds of medicamentous activity.)  
*d* Hg-Diuretikum *n*; Quecksilber-Diuretikum *n*  
*f* diurétique *m* mercuriel  
*p* dirético *m* mercurial
- 4033 mescaline; trimethoxyphenethylamine**  
(Prod.)  
(C<sub>11</sub>H<sub>17</sub>NO<sub>3</sub>. Phenylethylamine derivative, see entries "alkaloids with nonnitrogenous cycles" and "alkaloid"; antispasmodic molecule.)  
*d* Mescaline *n*; Trimethoxyphenyläthylamin *n*  
*f* mescaline *f*; triméthoxyphényléthylamine *f*  
*p* mescalina *f*; trimetoxifeniletilamina *f*
- 4034 messenger RNA**  
(Cyt.)  
(Synthesis said to be favourably influenced by fat-soluble vitamins.)  
*d* Botschafter-RNS *f*  
*f* ARN messenger *m*; mARN *m*  
*p* ARN-mensageiro *m*
- 4035 metabolic cellular system**  
(Vit.)  
(Vitamin physiology; ref. to vitamin activity in the cells, esp. to vitamins of the B-group.)  
*d* metabolisches System *n* der Zelle  
*f* système *m* métabolique cellulaire  
*p* sistema *m* metabólico celular; sistema *m* metabólico da célula
- 4036 metabolic diseases**  
(Med.)  
(Ref. to metabolic biochemistry.)  
*d* Stoffwechselkrankheiten *fpl*  
*f* maladies *fpl* métaboliques  
*p* doenças *fpl* metabólicas
- 4037 metabolic disorders**  
(Med.)  
(Due to vitamin deficiencies.)  
*d* metabolische Störungen *fpl*;  
Stoffwechselstörungen *fpl*  
*f* perturbations *fpl* métaboliques  
*p* perturbações *fpl* metabólicas
- 4038 metabolic disorders due to vitamin deficiency**  
(Vit.)  
(Vitamin physiology; vitamins in the human body.)  
*d* Stoffwechselstörungen *fpl* durch Vitaminmangel; metabolische Störungen *fpl*  
*f* troubles *mpl* métaboliques par carence vitaminique  
*p* perturbações *fpl* metabólicas por carência vitamínica
- \* **metabolic dysfunction** → 2160
- 4039 metabolic effect**  
(Vit.)  
(Vitamin technology; characteristics of vitamin activity.)  
*d* Auswirkung *f* auf den Stoffwechsel  
*f* effet *m* métabolique  
*p* efeito *m* metabólico
- 4040 metabolic end products; final products of metabolism**  
(Med.)  
(Ref. to catabolism, i.e. chemical decomposition of complex substances in the organism, biological oxidation processes, carbon dioxide (CO<sub>2</sub>) release.)  
*d* Stoffwechsellendprodukte *npl*;  
Endprodukte *npl* des Stoffwechsels  
*f* produits *mpl* terminaux du métabolisme;  
produits *mpl* finaux du métabolisme  
*p* produtos *mpl* finais de metabolismo
- 4041 metabolic intermediary**  
(Enz.)  
(E.g. enzymes.)  
*d* Vermittler *m* im Stoffwechselprozess  
*f* intermédiaire *m* métabolique  
*p* intermediário *m* metabólico
- 4042 metabolic mechanism**  
(Med.)  
(Ref. vitamin activity in the human body.)  
*d* Stoffwechselmechanismus *m*; metabolischer Mechanismus *m*  
*f* mécanisme *m* métabolique  
*p* mecanismo *m* metabólico

- 4043 metabolic processes influenced by the vitamin B complex are intimately interconnected**  
(Vit.)  
(Vitamin physiology; deficiency of one vitamin of the vitamin B complex could influence negatively the action of the remaining vitamins in these processes.)
- d* metabolische Prozesse *mpl*, beeinflusst von dem B-Komplex, sind intim miteinander verbunden
- f* processus *mpl* métaboliques, influencés par le complexe B, sont interconnectés intimement
- p* processos *mpl* metabólicos, influenciados pelo complexo B, são intimamente interligados
- 4044 metabolic studies**  
(Med.)  
(E.g. ref. to toxicological studies with pharmaceutical and chemical substances and their biochemical changes undergone in the body.)
- d* stoffwechselbezügliche Untersuchungen *fpl*
- f* recherches *fpl* métaboliques
- p* estudos *mpl* metabólicos
- 4045 metabolic synthesis of a vitamin**  
(Vit.)  
(Vitamin physiology; ref. to vitamin synthesis in the human body.)
- d* Stoffwechselsynthese *f* eines Vitamins; metabolische Synthese *f* eines Vitamins
- f* synthèse *f* métabolique d'une vitamine
- p* síntese *f* metabólica de uma vitamina
- 4046 metabolic utilization of vitamin derivatives**  
(Vit.)  
(Vitamin physiology.)
- d* metabolische Ausnutzung *f* von Vitaminderivaten
- f* utilisation *f* métabolique des dérivés vitaminiques
- p* utilização *f* metabólica dos derivados vitamínicos
- 4047 metabolism of living cells**  
(Cyt.)  
(Cytogenetics; object of study and research etc.)
- d* Stoffwechsel *m* lebender Zellen
- f* métabolisme *m* des cellules vivantes
- p* metabolismo *m* das células vivas
- 4048 metabolism of microorganisms**  
(Ant.)  
(Biotechnology; ref. to microorganisms for industrial application; see also entry: antibiotics as metabolic substances of microorganisms.)
- d* Stoffwechsel *m* der Mikroorganismen
- f* métabolisme *m* des micro-organismes
- p* metabolismo *m* dos microorganismo
- 4049 metabolite**  
(Med.)  
(Substance which takes part in the metabolic process.)
- d* Metabolit *m*; Stoffwechselprodukt *n*
- f* métabolite *m*
- p* metabólito *m*
- 4050 metabolization by acetylation**  
(Pharm.)  
(Ref. to certain active principles within the human organism.)
- d* metabolischer Abbau *m* durch Acetylierung; Stoffwechsel *m* unterzogene Acetylierung
- f* métabolisation *f* par l'acétylation
- p* metabolização *f* através de acetilação
- 4051 metabolization by decarboxylation**  
(Pharm.)  
(Ref. to certain active principles within the human organism.)
- d* metabolischer Abbau *m* durch Decarboxylierung
- f* métabolisation *f* par la décarboxylation
- p* metabolização *f* por descarboxilação
- 4052 metabolization by sulphoxidation**  
(Pharm.)  
(Ref. to certain active principles within the human organism.)
- d* metabolischer Abbau *m* durch Sulfoxidation
- f* métabolisation *f* par la sulfoxidation
- p* metabolização *f* através de sulfoxidação
- 4053 metabologic effects**  
(Pharm.)  
(Ref. to effects on metabologic processes as due to medicaments, vitamins etc.)
- d* metabologische Auswirkungen *fpl*; den Stoffwechsel betreffende Auswirkungen *fpl*
- f* effets *mpl* métabologiques
- p* efeitos *mpl* metabológicos
- 4054 metacentric position of the centromere**  
(Cyt.)  
(One (of the four) chromosome types, classified as to the position of its centromere (acrocentric, metacentric, submetacentric, telocentric).)
- d* metazentrische Stellung *f* des Zentromers
- f* position *f* métacentrique du centromère
- p* posição *f* metacêntrico do centrômero

- 4055 metal complex**  
(Vit.)  
(In vitamin technology: heavy metal traces are complexed in the compound in order to protect the vitamin substance.)  
*d* Metallkomplex *m*  
*f* complexe *m* métallique  
*p* complexo *m* metálico
- 4056 metal-inactivating property**  
(Prod.)  
(Pharmaceutical technology; characteristic of certain additive.)  
*d* metal-inaktivierende Eigenschaft *f*  
*f* propriété *f* non activante du métal  
*p* propriedade *f* inativadora do metal
- 4057 metallic cations**  
(Enz.)  
(E.g. trace elements.)  
*d* Metallkationen *npl*  
*f* cations *mpl* métalliques  
*p* cátions *mpl* metálicos
- 4058 metalloid; nonmetal element**  
(Enz.)  
(Trace elements, e.g.: nitrogen (N), oxygen (O).)  
*d* Metalloid *n*; Nichtmetall *n*  
*f* métalloïde *m*; élément *m* non métallique  
*p* metalóide *m*; não-metal *m*
- \* **metalloid** → 5606
- 4059 metaphase**  
(Cyt.)  
(Second phase of mitosis (see this entry).)  
*d* Metaphase *f*  
*f* métaphase *f*  
*p* metafase *f*
- 4060 metformin**  
(Prod.)  
(C<sub>4</sub>H<sub>11</sub>N<sub>5</sub>; 1,1-dimethylbiguanide; "antidiabetic medicinal drug"; diabetes mellitus; see entry: antidiabetic medicinal drug; diabetes mellitus.)  
*d* Metformin *n*  
*f* metformine *f*  
*p* metformina *f*
- 4061 methacrylic acid**  
(Prod.)  
(C<sub>4</sub>H<sub>6</sub>O<sub>2</sub>; derivatives of this acid are used as auxiliaries in pharmaceutical technology, e.g. as tablet fillers.)  
*d* Methacrylsäure *f*  
*f* acide *m* méthacrylique  
*p* ácido *m* metacrílico
- \* **methanal** → 2714
- 4062 methane as energy source**  
(Prod.)  
(Biotechnology; a hydrocarbon (CH<sub>4</sub>); ref. to biogenic methane formation; see entry: methane fermentation.)  
*d* Methan *n* als Energiequelle  
*f* méthane *m* comme source énergétique  
*p* metano *m* como fonte energética
- 4063 methane fermentation**  
(Prod.)  
(Biotechnology; a hydrocarbon (CH<sub>4</sub>); ref. to biogenic methane formation; starting material for other chemical (organic) compounds; also: a fuel.)  
*d* Methangärung *f*  
*f* fermentation *f* du méthane  
*p* fermentação *f* do metano
- 4064 methanol solvent**  
(Prod.)  
(CH<sub>4</sub>O; methyl alcohol; auxiliary in pharmaceutical processes/production; an organic solvent in pharmaceutical technology.)  
*d* Methanol-Lösungsmittel *n*;  
Holzgeist-Lösungsmittel *n*  
*f* méthanol *m* solvant; solvant *m* de l'esprit de bois  
*p* solvente *m* de metanol
- 4065 methionine**  
(Vit.)  
(Vitamin biochemistry; C<sub>5</sub>H<sub>11</sub>NO<sub>2</sub>S; a sulphur-containing essential amino acid, produced by vitamin B<sub>12</sub> activity.)  
*d* Methionin *n*  
*f* méthionine *f*  
*p* metionina *f*
- 4066 method for purity determination of the active principle**  
(Prod.)  
(Pharmaceutical processes; ref. to analysis process.)  
*d* Methode *f* der Reinheitsbestimmung des Wirkstoffes  
*f* méthode *f* pour la détermination de la pureté du principe actif  
*p* método *m* para a determinação da pureza do princípio ativo



- 4067 methods for sequence determination of amino acids**  
(Enz.)  
(Enzymology; ref. to amino acid-sequences in the proteins.)  
*d* Methoden *fpl* zur Bestimmung der Aminosäurenreihenfolge  
*f* méthodes *mpl* de détermination de la séquence des acides aminés  
*p* métodos *mpl* de determinação da seqüência dos aminoácidos
- 4068 methods for the determination of pharmaceutical purity**  
(Prod.)  
(Pharmaceutical chemistry; purity determination of auxiliary products and active agents, e.g. as described in the Pharmacopoeias.)  
*d* Methoden *fpl* der pharmazeutischen Reinheitsbestimmung  
*f* méthodes *fpl* pour la détermination de pureté pharmaceutique  
*p* métodos *mpl* de determinação da pureza farmacêutica
- 4069 methods of determination**  
(Prod.)  
(Pharmaceutical technology.)  
*d* Bestimmungsmethoden *fpl*  
*f* méthodes *fpl* de détermination  
*p* métodos *mpl* de determinação
- 4070 methods of enveloping**  
(Prod.)  
(Pharmaceutical processes: "multiple layer tablets" (see entry), dry enveloping, enveloping with resins, and usual dragées elaboration.)  
*d* Überzugsmethoden *fpl*  
*f* méthodes *fpl* d'enrobage  
*p* métodos *mpl* de revestimento
- 4071 methylation**  
(Horm.)  
(Methylation means the introduction of a methyl group; in this case ref. to syntheses phases of certain hormones.)  
*d* Methylierung *f*  
*f* méthylation *f*  
*p* metilação *f*
- 4072 methylcellulose**  
(Prod.)  
(Pharmaceutical chemistry; cellulose methyl ether; auxiliary; e.g. as protective colloid in emulsions; auxiliary in retard drugs for delayed liberation of the active principle.)  
*d* Methylcellulose *f*  
*f* méthylcellulose *f*  
*p* metilcelulose *f*
- 4073 methylenechloride solvent**  
(Prod.)  
(CH<sub>2</sub>Cl<sub>2</sub>; dichloromethane; auxiliary in pharmaceutical processes/production; a solvent in pharmaceutical technology.)  
*d* Methylenchloride-Lösungsmittel *n*  
*f* méthane dichlorique solvant *m*  
*p* solvente *m* de cloreto de metileno
- 4074 methylene group**  
(Vit.)  
(Vitamin biochemistry; a thiamin (vitamin B<sub>1</sub>) constituent.)  
*d* Methylengruppe *f*  
*f* groupe *m* méthylène  
*p* grupo *m* de metileno
- 4075 methyl groups of vitamin B<sub>12</sub>**  
(Vit.)  
(Vitamin biochemistry.)  
*d* Methylgruppen *fpl* des Vitamins B<sub>12</sub>  
*f* groupements *mpl* méthyles de la vitamine B<sub>12</sub>  
*p* grupos *mpl* metílicos da vitamina B<sub>12</sub>
- \* **methylmorphine** → 1397
- \* **2-methylnaphthalene** → 792
- 4076 methyl p-hydroxybenzoate**  
(Prod.)  
(Pharmaceutical technology; methylparaben C<sub>8</sub>H<sub>8</sub>O<sub>3</sub>; used as a preservative for galenicals.)  
*d* Methyl p-Hydroxybenzoat *n*  
*f* méthyle hydroxy-4 benzoate *m*  
*p* metil-p-hidroxi benzoato *m*
- 4077 methyl rests**  
(Vit.)  
(Vitamin biochemistry; ref. to the structure of vitamin B<sub>12</sub>.)  
*d* Methylreste *mpl*  
*f* rests *mpl* méthyl  
*p* restos *mpl* metílicos
- 4078 methylthiouracil**  
(Prod.)  
(C<sub>5</sub>H<sub>6</sub>N<sub>2</sub>OS; medicamentous substance against hyperthyroidism; see entry: thyrostatic medicinal drug.)  
*d* Methylthiouracil *n*  
*f* méthylthiouracile *m*  
*p* methylthiouracila *f*

- 4079 mezereum**  
(Phyto.)  
("Daphne mezereum L., D. gnidium L., Thymelaeaceae"; use: arthritis; skin treatment etc.)  
*d* Seidelbast *m*  
*f* daphné *m* mezereum; daphné *m* sainbois; bois-joli *m*; bois-jentil *m*  
*p* mezeirão *m*
- 4080 micelle**  
(Vit.)  
(Vitamin technology (molecular aggregate; colloidal particle), used in the elaboration of microemulsions: solubilization processes.)  
*d* Mizelle *f*; Mizell *n*  
*f* micelle *f*  
*p* micela *f*
- 4081 microbeads**  
(Prod.)  
(Pharmaceutical technology; substance characteristic, e.g. of certain PEG-Type.)  
*d* Mikroperlen *fpl*  
*f* micropèrles *fpl*  
*p* micropérolas *fpl*
- 4082 microbial carbon substrate**  
(Enz.)  
(Biotechnology; ref. to microbial cultures in research and production processes.)  
*d* mikrobieller Kohlenstoffsubstrat *m*  
*f* substrat *m* carboné microbien  
*p* substrato *m* microbiano de carbono
- 4083 microbial culture**  
(Prod.)  
(Pharmaceutical technology; culture of selected microorganisms, of selected germs for cultivation in nutrient media.)  
*d* mikrobielle Kultur *f*; Mikrobekultur *f*  
*f* culture *f* microbienne  
*p* cultura *f* microbial; cultura *f* microbiana
- 4084 microbial enzyme; microbic enzyme**  
(Enz.)  
(Enzymology.)  
*d* mikrobielles Enzym *n*  
*f* enzyme *f* microbienne  
*p* enzima *f* microbiana
- 4085 microbial inactivation of an antibiotic**  
(Ant.)  
(E.g. by means of bacterial penicillinase-production.)  
*d* mikrobielle Inaktivierung *f* eines Antibiotikums; mikrobielle Unwirksammachung *f* eines Antibiotikums  
*f* inactivation *f* microbienne d'un antibiotique  
*p* inativação *f* microbiana de um antibiótico
- 4086 microbial nitrogen substrate**  
(Enz.)  
(Biotechnology; ref. to microbial cultures in research and production processes.)  
*d* mikrobieller Stickstoffsubstrat *m*; mikrobieller stickstoffaltiger Substrat *m*  
*f* substrat *m* azoté microbien; substrat *m* microbien de l'azote  
*p* substrato *m* microbiano nitrogenado; substrato *m* microbiano de nitrogênio
- 4087 microbial origin**  
(Enz.)  
(Biotechnology; e.g. origin of prime material to be submitted to transformation processes.)  
*d* mikrobieller Ursprung *m*  
*f* origine *f* microbienne  
*p* origem *f* microbial; origem *f* microbiana
- 4088 microbial production of vitamin B<sub>12</sub> by submerged culture process**  
(Vit.)  
(Vitamin biochemistry; vitamin B<sub>12</sub> producing microorganisms are e.g.: genera Actinomyces, Bacillus, Propionibacterium etc.)  
*d* mikrobielle Produktion *f* von Vitamin B<sub>12</sub> durch das Submers-Kultur-Verfahren  
*f* production *f* microbienne de la vitamine B<sub>12</sub> par le processus de submersion de la culture  
*p* produção *f* microbial de vitamina B<sub>12</sub> pelo processo de cultura submersa
- 4089 microbial purity requirements**  
(Prod.)  
(Pharmaceutical technology; product characteristic.)  
*d* mikrobielle Reinheitsanforderungen *fpl*  
*f* exigences *fpl* de pureté microbienne  
*p* exigências *fpl* de pureza microbiana
- 4090 microbial status**  
(Prod.)  
(Pharmaceutical technology; ref. to substance characteristics as described e.g. in the Pharmacopoeias.)  
*d* mikrobieller Status *m*  
*f* état *m* microbien  
*p* estado *m* microbiano; estado *m* microbial
- 4091 microbial toxins; microbic toxins**  
(Prod.)  
(Pharmaceutical chemistry; poison produced by living organisms.)  
*d* mikrobielle Toxine *npl*; mikrobielle Giftstoffe *mpl*

- f* toxines *fpl* microbiennes  
*p* toxinas *fpl* microbianas
- \* **microbic enzyme** → 4084
- 4092 microbicidally active substance**  
 (Prod.)  
 (Pharmaceutical technology; product characteristic.)  
*d* mikrobiozid wirksame Substanz *f*  
*f* principe *m* actif à action microbiocide  
*p* substância *f* ativa microbiocida
- \* **microbic toxins** → 4091
- 4093 microbiological analysis method; microbiological essay method**  
 (Vit.)  
 (Thiamine (vitamin B<sub>1</sub>) estimation method.)  
*d* mikrobiologische Analysenmethode *f*;  
 mikrobiologische Untersuchungsmethode *f*  
*f* méthode *f* d'analyse microbiologique;  
 méthode *f* d'examen microbiologique  
*p* método *m* de análise microbiológico;  
 método *m* de exame microbiológico
- 4094 microbiological dosage**  
 (Vit.)  
 (Ref. to vitamin tests.)  
*d* mikrobiologische Dosierung *f*  
*f* dosage *m* microbiologique  
*p* dosagem *f* microbiológica
- \* **microbiological essay method** → 4093
- 4095 microbiological procedures**  
 (Enz.)  
 (Biotechnology; applied biology for industrial production.)  
*d* mikrobiologische Verfahren *npl*  
*f* procédés *mpl* microbiologiques  
*p* procedimentos *mpl* microbiológicos
- 4096 microbiological purity**  
 (Prod.)  
 (Fine chemical technology; ref. to microbiological purity grades of pharmaceutical products.)  
*d* mikrobiologische Reinheit *f*  
*f* pureté *f* microbiologique  
*p* pureza *f* microbiológica
- 4097 microbiological synthesis**  
 (Prod.)  
 (Biotechnology: biotechnological production process.)  
*d* mikrobiologische Synthese *f*  
*f* synthèse *f* microbiologique
- p* síntese *f* microbiológica
- 4098 microbiological techniques in the improvement of microbiological stems**  
 (Enz.)  
 (Biotechnology in the production of medicaments (antibiotics).)  
*d* mikrobiologische Techniken *fpl* in der Verbesserung antibiotischer Stränge  
*f* techniques *mpl* microbiologiques dans l'amélioration de souches d'antibiotiques  
*p* técnicas *fpl* microbiológicas no melhoramento de cepas de antibióticos
- 4099 microbiologic methods**  
 (Enz.)  
 (Methods and processes in biotechnology.)  
*d* mikrobiologische Methoden *fpl*  
*f* méthodes *fpl* microbiologiques  
*p* métodos *mpl* microbiológicos
- 4100 microcrystalline beta-carotene**  
 (Vit.)  
 (Vitamin biochemistry; product characteristic.)  
*d* mikrokristallines Beta-Carotin *n*  
*f* bêta-carotène *m* microcristallin  
*p* beta-caroteno *m* microcristalino
- 4101 microcrystalline cellulose**  
 (Prod.)  
 (Pharmaceutical technology; auxiliary, e.g. binder for tablets.)  
*d* mikrokristalline Zellulose *f*  
*f* cellulose *f* microcristalline  
*p* celulose *f* microcristalina
- 4102 microemulsion**  
 (Prod.)  
 (Pharmaceutical technology; a very fine emulsion of drug preparation.)  
*d* Mikroemulsion *f*  
*f* microémulsion *f*  
*p* microemulsão *f*
- 4103 microencapsulation**  
 (Vit.)  
 (Vitamin technology; microencapsulation of vitamin powders in a matrix to prevent oxygen contact with the vitamin.)  
*d* Mikroverkapselung *f*  
*f* microencapsulation *f*  
*p* microencapsulação *f*
- 4104 microfine cellulose**  
 (Prod.)  
 (Pharmaceutical technology; auxiliary, e.g. binder for tablets.)

- d* mikrofeine Zellulose *f*  
*f* cellulose *f* microfine  
*p* celulose *f* microfina
- 4105 microgranules of ascorbic acid**  
 (Vit.)  
 (Vitamin technology.)  
*d* Mikrogranulat *n* aus Ascorbinsäure  
*f* microgranules *mpl* de l'acide ascorbique  
*p* microgrânulos *mpl* de ácido ascórbico
- 4106 micronization**  
 (Prod.)  
 (Pharmaceutical technology; ref. to particle size.)  
*d* Mikronisierung *f*  
*f* micronisation *f*  
*p* micronização *f*
- 4107 micronized form**  
 (Prod.)  
 (Pharmaceutical technology: product characteristic.)  
*d* mikronisierte Form *f*  
*f* forme *f* micronisée  
*p* forma *f* micronizada
- 4108 micronized insoluble polyvidone**  
 (Prod.)  
 (Pharmaceutical technology; ref. to insoluble polyvinylpyrrolidone, an auxiliary in tableting.)  
*d* mikronisiertes unlösliches Polyvidon *n*  
*f* polyvidone *f* insoluble micronisée  
*p* polividona *f* insolúvel micronizada
- 4109 micronized insoluble polyvinylpyrrolidone**  
 (Prod.)  
 (Pharmaceutical technology; product characteristic, e.g. of a certain polyvinylpyrrolidone type.)  
*d* mikronisiertes unlösliches Polyvinylpyrrolidon *n*  
*f* polyvinylpyrrolidone *f* insoluble micronisée  
*p* polivinilpirrolidona *f* insolúvel micronizada
- 4110 microwaves diathermy**  
 (Med.)  
 (Diathermic therapy, treatment, preserving certain body tissues.)  
*d* Mikrowellendiathermie *f*  
*f* diathermie *f* par des micro-ondes  
*p* diatermia *f* por microondas
- 4111 migraine**  
 (Med.)  
 (Affecting one side (one the temporal regions) of the head; cause: vasoconstrictive influences; treatment: inhibition of prostaglandin synthesis by analgesics; e.g. acetylsalicylic acid (C<sub>9</sub>H<sub>8</sub>O<sub>4</sub>).)  
*d* Migräne *f*  
*f* migraine *f*; hémicranie *f*; céphalée *f*  
*p* enxaqueca *f*; hemicrania *f*; hemialgia *f*
- 4112 milk fermentation by lactobacilli**  
 (Enz.)  
 (Fermentation process in biotechnology, yielding lactic acid, C<sub>3</sub>H<sub>6</sub>O<sub>3</sub>, e.g. food preservatives.)  
*d* Milchgärung *f* durch Milchsäurebakterien  
*f* fermentation *f* du lait par des lactobacilles  
*p* fermentação *f* do leite pelos lactobacilos
- \* **milk sugar** → 3740
- 4113 milky emulsion**  
 (Prod.)  
 (Fine chemical technology; product aspect.)  
*d* milchige Emulsion *f*  
*f* émulsion *f* laiteuse  
*p* emulsão *f* leitosa
- 4114 mineral auxiliary**  
 (Prod.)  
 (Pharmaceutical processes; auxiliary in preliminary tableting operations.)  
*d* mineralisches Hilfsprodukt *n*  
*f* produit *m* auxiliaire minéral  
*p* produto *m* auxiliar mineral
- 4115 mineral concentrate in liquid form**  
 (Prod.)  
 (Pharmaceutical chemistry.)  
*d* Mineralienkonzentrat *n* in flüssiger Form  
*f* concentré *m* minéral dans la forme liquide  
*p* concentrado *m* mineral em forma líquida
- 4116 mineralocorticoids**  
 (Horm.)  
 (E.g. aldosterone; C<sub>21</sub>H<sub>28</sub>O<sub>5</sub>; salt (sodium and potassium)/water regulation.)  
*d* Mineralocorticoide *npl*;  
 Mineralokorticoide *npl*  
*f* minéralocorticoïdes *mpl*  
*p* mineralcorticóides *mpl*
- 4117 minerals as inorganic complements**  
 (Enz.)  
 (Ref. to trace elements, essential for enzyme functioning.)  
*d* Mineralien *npl* als anorganische Komplemente  
*f* minéraux *mpl* comme compléments non organiques  
*p* minerais *mpl* como complementos inorgânicos

- 4118 mineral substance as auxiliary**  
(Prod.)  
(Pharmaceutical technology: in tableting, e.g. as absorbent, for powder volume increase for compression: e.g. talcum, calcium carbonate (CaCO<sub>3</sub>), bolus alba; kaolin (China clay. H<sub>2</sub>Al<sub>2</sub>Si<sub>2</sub>O<sub>8</sub>.H<sub>2</sub>O) etc.)  
*d* Mineralsubstanz *f* als Hilfsprodukt  
*f* substance *f* minérale comme produit auxiliaire  
*p* substância *f* mineral como produto auxiliar
- 4119 minimal inhibitor concentration of an antibiotic**  
(Ant.)  
(Ref. to the effect of an antibiotic on pathogenic germs.)  
*d* minimale Hemmkonzentration *f* eines Antibiotikums  
*f* concentration *f* inhibitoire minimale d'un antibiotique  
*p* concentração *f* mínima inibidora de um antibiótico
- 4120 minimization of chemical interactions**  
(Prod.)  
(Pharmaceutical technology: e.g. ref. to the preparation of vitamin forms.)  
*d* Minimalisierung *f* chemischer Zwischenwirkung; Minimalisierung *f* chemischer Interaktion  
*f* minimalisation *f* des interactions chimiques  
*p* minimização *f* das interações químicas
- 4121 minor centaury**  
(Phyto.)  
(Bloodwort; "Centaurium umbellatum Gilib.; Erythraea centaurium Pers.; Gentianaceae"; bitter herb: used as bitter tonic; active principles e.g.: amarogentin (C<sub>32</sub>H<sub>38</sub>O<sub>16</sub>), gentiopicroin (C<sub>16</sub>H<sub>20</sub>O<sub>9</sub>), this one used in malaria.)  
*d* Tausendgüldenkraut *n*  
*f* centaureé *f*  
*p* centáurea-menor *f*
- \* **miotic** → 4248
- 4122 miscibility**  
(Prod.)  
(Pharmaceutical technology; product characteristic.)  
*d* Mischbarkeit *f*  
*f* miscibilité *f*  
*p* miscibilidade *f*
- 4123 miscible adj with edible oils**  
(Vit.)  
(Vitamin technology; ref. to vitamin blends in vitamin processing.)  
*d* mischbar mit Speiseölen  
*f* miscible avec des huiles alimentaires  
*p* miscível com óleos alimentícios
- 4124 miscible adj with fats**  
(Vit.)  
(Vitamin technology; ref. to vitamin blends in vitamin processing.)  
*d* mischbar mit Fetten  
*f* miscibles aux graisses  
*p* miscíveis às gorduras
- 4125 mitigated germs; attenuated pathogens**  
(Prod.)  
(Pharmaceutical technology; e.g. in vaccine production.)  
*d* abgeschwächte Keime *mpl*; abgeschwächte Krankheitserreger *mpl*  
*f* germes *mpl* mitigés; agents *mpl* pathogènes atténués  
*p* germes *mpl* mitigados; agentes *mpl* patogênicos atenuados
- \* **mitochondrial acetyl coA** → 4126
- 4126 mitochondrial acetyl coenzyme A; mitochondrial acetyl coA**  
(Enz.)  
(Ref. to the Krebs(citric acid)-cycle; biochemical reactions of energy production.)  
*d* mitochondriales Acetyl-Coenzym *A n*; mitochondriales Acetyl-CoA *n*  
*f* acétyl-coenzyme *A f* mitochondriale; acétyl-coA *f* mitochondriale  
*p* acetil-coenzima *A f* mitocondrial; acetil-coA *f* mitocondrial
- 4127 mitochondrial proteins**  
(Cyt.)  
(Ref. to the mitochondrion (*p*l mitochondria), the structure within the cytoplasm, where occurs the cell's energy production, and where are the enzymes of its metabolic activities; see also entry: complex mitochondrial.)  
*d* mitochondriale Proteine *npl*  
*f* protéines *fpl* mitochondriales  
*p* proteínas *fpl* mitocondriais
- 4128 mitochondrial respiratory chain**  
(Vit.)  
(Vitamin physiology; ref. to vitamin (esp. vitamin B-group)/enzyme final effect of action.)  
*d* mitochondriale Atmungskette *f*  
*f* chaîne *f* respiratoire mitochondriale  
*p* cadeia *f* respiratória mitocondrial

- 4129 mitochondrion** (mitochondria *pl*);  
**chondriosome**  
(Cyt.)  
(ATP and enzymes containing site, ref. to cell energy (cell respiration) and metabolic processes.)  
*d* Mitochondrium *n* (Mitochondrien *npl*)  
*f* mitochondrie *f*; chondriome *m*  
*p* mitocôndrio *m*; mitocondria *f*; condrioma *m*
- 4130 mitosis**  
(Cyt.)  
(Body cell (somatic cell) production; production of two genetically identical daughter cells.)  
*d* Mitose *f*  
*f* mitose *f*  
*p* mitose *f*
- 4131 mix v chemical substances with a liquid**  
(Prod.)  
(Pharmaceutical processes, to soak/dissolve mixing with water.)  
*d* chemische Produkte anrühren  
*f* détrempier des substances chimiques  
*p* dissolver uma substância química; diluir uma substância química
- 4132 modality of preparation of a medicamentous form; preparation modality of a medicamentous form**  
(Prod.)  
(Pharmaceutical chemistry; ref. to form of medicamentous product preparation.)  
*d* Modalität *f* der Zubereitung einer medikamentösen Form; Zubereitungsmodalität *f* einer medikamentösen Form  
*f* modalité *f* de préparation d'une forme medicamenteuse  
*p* modalidade *f* de preparação de uma forma medicamentosa
- 4133 moderate compatibility**  
(Vit.)  
(Vitamin technology; in tableting; ref. to the various substances, as vitamins, trace elements etc, being part of a pharmaceutical form.)  
*d* mittelmäßige Verträglichkeit *f*  
*f* compatibilité *f* moyenne  
*p* compatibilidade *f* moderada
- 4134 moderated oxidation**  
(Prod.)  
(Pharmaceutical chemistry, ref. to oxidation processes.)  
*d* mäßige Oxidation *f*
- f* oxydation *f* modérée  
*p* oxidação *f* moderada
- 4135 modern acetylene chemistry**  
(Prod.)  
(Pharmaceutical chemistry; hydrocarbon chemistry.)  
*d* moderne Acetylenchemie *f*  
*f* chimie *f* moderne d l'acétylène  
*p* química *f* moderna de acetileno
- 4136 modifiable adj by transformation of the radical**  
(Enz.)  
(Biochemistry, ref. to biochemical modification of molecules.)  
*d* veränderbar durch Umwandlung des Radikals; modifizierbar durch Umwandlung des Radikals  
*f* modifiable par transformation du radical  
*p* modificável pela transformação do radical
- 4137 modification by biological/chemical means**  
(Enz.)  
(Modification processes in biotechnology to obtain a wider field of application possibilities for industrial exploitation, ultimately obtaining new substances.)  
*d* Modifizierung *f* auf biologischem/chemischem Wege; Abwandlung *f* auf biologischem/chemischem Wege  
*f* modification *f* par voie biologique/chimique  
*p* modificação *f* por via biológica/química
- 4138 modification in the metabolic transformation of the active principle**  
(Med.)  
(Ref. e.g. to the "increase in the duration of disponibility of an active principle", see entry.)  
*d* Veränderung *f* in der metabolischen Umwandlung des Wirkstoffes  
*f* modification *f* de la transformation métabolique du principe actif  
*p* modificação *f* da transformação metabólica do princípio ativo
- \* **modification of 7-ACA → 4139**
- 4139 modification of 7-aminocephalosporanic acid; modification of 7-ACA**  
(Ant.)  
(Basis of cephalosporin; see this entry.)  
*d* Abwandlung *f* von 7-Amino-Cephalosporansäure; Abwandlung *f* von 7-ACS

- f* modification *f* de l'acide 7-amino-céphalosporanique; modification *f* de 7-ACA  
*p* modificação *f* do ácido 7-amino-cefalosporânico; modificação *f* do 7-AAC
- 4140 modification of a microorganism for obtainment of the degradation of certain compounds**  
 (Prod.)  
 (Biotechnology as applied biological science.)  
*d* Abänderung *f* eines Mikroorganismus zum Erhalt des Abbaues von gewissen Verbindungen  
*f* modification *f* d'un micro-organisme pour obtenir la dégradation de certain composés  
*p* modificação *f* de um microorganismo para a obtenção de degradação de certos compostos
- 4141 modification of medicinal drugs during production**  
 (Prod.)  
 (Pharmaceutical technology; to avoid this kind of alteration, medicinal drugs have to undergo operations of pharmaceutical controls: see entry.)  
*d* Modifikation *f* von Medikamenten während der Herstellung; Veränderung *f* von Medikamenten während der Herstellung  
*f* modification *f* des drogues médicamenteuses au cours de la fabrication  
*p* modificação *f* de drogas medicinais durante a produção
- 4142 modification of protein activity**  
 (Enz.)  
 (Enzymology; influenced by pH-value-variations.)  
*d* Veränderung *f* der Proteinaktivität; Veränderung *f* der Proteinwirkung  
*f* modification *f* de l'activité des protéines  
*p* modificação *f* da atividade das proteínas
- 4143 modification of synthesis of mucus glycoproteins**  
 (Pharm.)  
 (Possible by certain active principles with the final purpose to turn the windpipe mucus more fluid for expectoration.)  
*d* Änderung *f* der Synthese von Glucoproteinen des Schleimes  
*f* modification *f* de la synthèse des glycoprotéines du mucus  
*p* alteração *f* da síntese das glicoproteínas do mucus
- 4144 modification of the chemical hormone structure**  
 (Horm.)  
 (Hormones in therapeutics: substitutive therapy.)  
*d* Änderung *f* der chemischen Hormonstruktur  
*f* modification *f* de la structure chimique de l'hormone  
*p* modificação *f* da estrutura química do hormônio
- 4145 modifications in the coagulation process due to vitamin K deficit**  
 (Vit.)  
 (Vitamin physiology; see also entry: antihemorrhagic vitamin – vitamin K.)  
*d* Änderungen *fpl* im Koagulationsprozess wegen eines Defizits an Vitamin K  
*f* modifications *fpl* du processus de la coagulation due au déficit de la vitamine K  
*p* modificações *fpl* do processo da coagulação devido ao déficit de vitamina K
- 4146 modified enzyme**  
 (Enz.)  
 (Offer the possibility of enzyme-application in a wider field in biotechnology and in biological production.)  
*d* modifiziertes Enzym *n*; abgewandeltes Enzym *n*  
*f* enzyme *f* modifiée  
*p* enzima *f* modificada
- 4147 modified microorganisms**  
 (Enz.)  
 (Biotechnology; use in processes as e.g. fermentation.)  
*d* modifizierte Mikroorganismen *mpl*  
*f* micro-organismes *mpl* modifiés  
*p* microorganismo mp modificados
- 4148 modified vegetable oil**  
 (Prod.)  
 (Pharmaceutical chemistry; e. g. excipients for suppositories.)  
*d* modifiziertes Pflanzenöl *n*  
*f* huile *f* végétale modifiée  
*p* óleo *m* vegetal modificado
- 4149 modify v the original structure of the molecule**  
 (Mol.)  
 (Process of molecule modulation to confer a higher targetable pharmacologic activity to the final drug.)  
*d* die Originalstruktur des Moleküls modifizieren; die Originalstruktur des Moleküls abwandeln; die Originalstruktur des Moleküls abändern  
*f* modifier la structure originale de la molécule  
*p* modificar a estrutura original da molécula

- 4150 modulation of cellular divisions by the hormones**  
(Horm.)  
(Ref. to hormone activity in the body.)  
*d* Modulation *f* der Zellteilungen durch die Hormone; Modulieren *n* der Zellteilungen durch die Hormone  
*f* modulation *f* des divisions cellulaires par les hormones  
*p* modulação *f* das divisões celulares pelos hormônios
- 4151 moist granulation**  
(Prod.)  
(Pharmaceutical technology; e.g. tablet production, compression process.)  
*d* Feuchtgranulierung *f*  
*f* granulation *f* par voie humide  
*p* granulação *f* por via úmida
- 4152 moisture absorption**  
(Prod.)  
(Pharmaceutical technology; product characteristic.)  
*d* Feuchtigkeitsabsorption *f*; Feuchtigkeitsaufnahme *f*  
*f* absorption *f* d'humidité  
*p* absorção *f* de umidade
- 4153 moisture absorption curve**  
(Prod.)  
(Pharmaceutical technology; product characteristic in research and statistics.)  
*d* Feuchtigkeitsabsorptions-Kurve *f*; Kurve *f* der Feuchtigkeitsaufnahme  
*f* courbe *f* de l'absorption d'humidité  
*p* curva *f* de absorção de umidade
- 4154 moisture content**  
(Prod.)  
(Pharmaceutical technology; e.g. characteristic of a mixture.)  
*d* Feuchtigkeitsgehalt *m*  
*f* taux *m* d'humidité  
*p* teor *m* de humidade
- 4155 moisture equilibrium between dragée core and coating**  
(Prod.)  
(Pharmaceutical technology; tablet/dragée production.)  
*d* Feuchtigkeitsausgleich *m* zwischen Drageekern und Überzug  
*f* équilibre *m* entre l'humidité du noyau du dragée et celle de l'enveloppe  
*p* equilíbrio *m* de umidade entre núcleo e revestimento da drágea
- 4156 moisture-proof *adj***  
(Prod.)  
(Pharmaceutical chemistry, ref. to substance properties, characteristic of materials.)  
*d* wasserabweisend  
*f* hydrofuge; à l'épreuve de l'humidité  
*p* hidrófugo; à prova de humidade
- 4157 moisture sensitive medicinal drugs**  
(Prod.)  
(Pharmaceutical technology.)  
*d* feuchtigkeitsanfällige Wirkstoffe *mpl*  
*f* principes *mpl* actifs sensibles à l'humidité  
*p* princípios *mpl* ativos sensíveis à umidade
- 4158 moisture sensitive vitamin dragée cores**  
(Vit.)  
(Vitamin technology; production of pharmaceutical vitamin forms.)  
*d* feuchtigkeitsanfällige Vitamin-Drageenkerne *mpl*  
*f* noyaux *mpl* de dragées vitaminiques sensibles à l'humidité  
*p* núcleos *mpl* de drágeas de vitaminas sensíveis à umidade
- 4159 molarity**  
(Prod.)  
(Pharmaceutical chemistry; ref. to 1. a mole of substance, 2. one mole of solute in one litre of solution.)  
*d* Molarität *f*; Stoffmengenkonzentration *f*  
*f* molarité *f*  
*p* molaridade *f*
- 4160 molecular asymmetry**  
(Mol.)  
(A carbon atom bonded to four different atom groups; bonding possibility of the four C-valencies with four different atom groups.)  
*d* molekulare Asymmetrie *f*; molekulare Ungleichmäßigkeit *f*  
*f* asymétrie *f* moléculaire  
*p* assimetria *f* molecular
- 4161 molecular/atomic attraction**  
(Prod.)  
(Pharmaceutical chemistry; ref. to chemical binding effects, chemical bonds.)  
*d* molekulare/atomare Anziehung *f*  
*f* attraction *f* moléculaire/atomique  
*p* atração *f* molecular/atômica
- 4162 molecular biology**  
(Enz.)  
(Molecular basic research ref. to inheritance (genetic) phenomena, enzyme/protein synthesis and nucleic acid structure.)



- d* Molekularbiologie *f*  
*f* biologie *f* moléculaire  
*p* biologia *f* molecular
- 4163 molecular bond**  
 (Mol.)  
 (Same as: van der Waals bond; see this entry.)  
*d* Molekülbindung *f*  
*f* liaison *f* moléculaire  
*p* ligação *f* molecular
- 4164 molecular camouflage by complexation of the active principle with a vector; molecular masking by complexation of the active principle with a vector**  
 (Prod.)  
 (Pharmaceutical technology; ref. to masking certain properties of a medicament as undesirable organoleptic characteristics or reactive functions entailing e.g. precipitation etc.)  
*d* molekulare Verkleidung *f* durch Komplexbildung des Wirkstoff[e]s mit einem Träger; molekulare Tarnung *f* durch Komplexbildung des Wirkstoff[e]s mit einem Träger  
*f* camouflage *m* moléculaire par la complexation du principe actif à un vecteur  
*p* camuflagem *f* molecular pela complexação do princípio ativo a um vector
- \* **molecular chirality** → 2256
- 4165 molecular colloid**  
 (Mol.)  
 (Macromolecule (DNA, proteins).)  
*d* Molekül-Kolloid *n*; molekulares Kolloid *n*  
*f* colloïde *m* moléculaire  
*p* colóide *m* molecular
- 4166 molecular compound**  
 (Prod.)  
 (Pharmaceutical chemistry; chemical compound definition.)  
*d* molekulare Verbindung *f*  
*f* composé *m* moléculaire  
*p* composto *m* molecular
- 4167 molecular concentration**  
 (Prod.)  
 (Pharmaceutical chemistry; ref. to osmosis; an isotonic solution (compared with the blood serum) has the same osmotic tension due to the same molecular concentration.)  
*d* Molekularkonzentration *f*  
*f* concentration *f* moléculaire  
*p* concentração *f* molecular
- 4168 molecular constitution**  
 (Mol.)  
 (Ref. to the sequence of linkages of atoms and molecules with each other within chemical compounds, as well as the linkage type, as e.g. single bond, double bond, triple bond.)  
*d* molekulare Konstitution *f*  
*f* constitution *f* moléculaire  
*p* constituição *f* molecular
- \* **molecular context** → 4171
- 4169 molecular distillation**  
 (Prod.)  
 (Pharmaceutical technology; a mild type of distillation for sensitive components: evaporator and condensation surface are placed nearly together.)  
*d* Molekulardestillation *f*; Kurzwegdestillation *f*  
*f* distillation *f* moléculaire  
*p* destilação *f* molecular
- 4170 molecular encapsulation**  
 (Prod.)  
 (Pharmaceutical technology; complex formation between the active principle and a certain (trapping) molecule to permit the regular liberation of the medicament on gastrointestinal level, favouring absorption.)  
*d* molekulare Verkapselung *f*  
*f* encapsulation *f* moléculaire  
*p* encapsulação *f* molecular
- 4171 molecular environment; molecular context**  
 (Mol.)  
 (Ref. e.g. to experiments in research.)  
*d* molekulare Umwelt *f*; molekularer Zusammenhang *m*  
*f* environnement *m* moléculaire; contexte *m* moléculaire  
*p* ambiente *m* molecular; contexto *m* molecular
- 4172 molecular formula**  
 (Prod.)  
 (Pharmaceutical chemistry; chemical formula e.g. like : H<sub>2</sub>O (water) or N<sub>2</sub>SO<sub>4</sub> (sodium sulphate); showing the total number of atoms of each element of the molecule within the formula.)  
*d* Summenformel *f*; Bruttoformel *f*  
*f* formule *f* moléculaire  
*p* fórmula *f* molecular
- 4173 molecular fragment**  
 (Mol.)  
 (Ref. to molecular structure.)  
*d* Molekularfragment *n*; Bruchstück *n* eines Moleküls

- f* fragment *m* moléculaire  
*p* fragmento *m* molecular
- 4174 molecular heat**  
 (Mol.)  
 (Molecular weight multiplied by the specific heat of an element.)  
*d* Molekülwärme *f*  
*f* chaleur *f* moléculaire  
*p* calor *m* molecular
- 4175 molecular hybridization**  
 (Prod.)  
 (Pharmaceutical technology; composite molecule, e.g. of two aliphatic aminoacids as arginine (C<sub>6</sub>H<sub>14</sub>N<sub>4</sub>O<sub>2</sub>)/aspartic acid (C<sub>4</sub>H<sub>7</sub>NO<sub>4</sub>), active substance composition product.)  
*d* molekuläre Hybridation *f*  
*f* hybridation *f* moléculaire  
*p* hibridação *f* molecular
- 4176 molecular intervention-action of vitamins**  
 (Vit.)  
 (Vitamins intervene e.g. in the development of certain tissues; in biochemical reactions of the organism (e.g. energy production), promote oxidoreduction (see entry: bioenergetic oxidoreduction).)  
*d* Wirkung *f* des molekularen Eingriffes der Vitamine  
*f* action *f* moléculaire d'intervention des vitamines  
*p* ação *f* molecular de intervenção das vitaminas
- \* **molecular masking by complexation of the active principle with a vector** → 4164
- 4177 molecular mass determination; molecular weight determination**  
 (Prod.)  
 (Pharmaceutical processes; ref. to determination of the relative molecular mass of chemical compounds; see entry: cryoscopy.)  
*d* Molekülmassenbestimmung *f*;  
 Molekulargewichtsbestimmung *f*  
*f* détermination *f* de la masse moléculaire;  
 détermination *f* du poids moléculaire  
*p* determinação *f* da massa molecular;  
 determinação *f* do peso molecular
- 4178 molecular mass of a dissolved medicamentous substance**  
 (Mol.)  
 (Ref. to relative molecular mass = molecular weight.)
- d* Molekülmasse *f* einer gelösten medikamentösen Substanz  
*f* masse *f* moléculaire d'une substance médicamenteuse dissoute  
*p* massa *f* molecular de uma substância medicamentosa dissolvida
- 4179 molecular orbital**  
 (Mol.)  
 (Molecular orbitals are composed of the atomic orbitals.)  
*d* Molekülorbital *n*  
*f* orbitale *f* moléculaire  
*p* orbital *m* molecular
- 4180 molecular orbitals are formed by overlapping of atomic orbitals**  
 (Mol.)  
 (Molecular biology; e.g.: considering two atoms of hydrogen (H), having each one orbital 1s; joining these two atoms, occurs overlapping of their atomic orbitals, consequently formation of H<sub>2</sub> with the respective molecular orbital.)  
*d* Molekülorbitale *npl* gestalten sich durch die Überlappung der Atomunterschalen; Molekülorbitale *npl* gestalten sich durch die Überlagerung der Atomunterschalen  
*f* orbitales *fpl* moléculaires sont formées par l'interpénétration des sous-couches atomiques  
*p* orbitais *mpl* moleculares são formados pela interpenetração dos orbitais atômicos
- 4181 molecular pharmacology**  
 (Pharm.)  
 (Study of treatment with medicamentous substances on subcellular level.)  
*d* Molekularpharmakologie *f*; molekulare Arzneimittelkunde *f*  
*f* pharmacologie *f* moléculaire  
*p* farmacologia *f* molecular
- 4182 molecular physical division**  
 (Prod.)  
 (Pharmaceutical processes; ref. to dissolution processes.)  
*d* molekulare physikalische Teilung *f*  
*f* division *f* physique moléculaire  
*p* divisão *f* física molecular
- 4183 molecular profile**  
 (Mol.)  
 (See entry: chemical profile.)  
*d* molekulares Profil *n*  
*f* profil *m* moléculaire  
*p* perfil *m* molecular

- 4184 molecular properties of the active principle**  
(Mol.)  
(Ref. to molecular substance structure.)  
*d* molekulare Eigenschaften *fpl* des Wirkstoffes  
*f* propriétés *fpl* moléculaires du principe actif  
*p* propriedades *fpl* moleculares do princípio ativo
- 4185 molecular repulsion**  
(Prod.)  
(Pharmaceutical chemistry; ref. to repulsion between forces.)  
*d* molekulare Abstoßung *f*  
*f* répulsion *f* moléculaire  
*p* repulsão *f* molecular
- 4186 molecular simplification**  
(Prod.)  
(Pharmaceutical technology; ref. to elimination of a molecule part, which could turn out to have an undesirable secondary effect.)  
*d* molekulare Vereinfachung *f*  
*f* simplification *f* moléculaire  
*p* simplificação *f* molecular
- 4187 molecular structure of a vitamin**  
(Vit.)  
(Vitamin technology; ref. to vitamin biochemistry.)  
*d* Molekularstruktur *f* eines Vitamins  
*f* structure *f* moléculaire d'une vitamine  
*p* estrutura *f* molecular de uma vitamina
- 4188 molecular synthesis**  
(Vit.)  
(Reaction supported by certain vitamins.)  
*d* Molekularsynthese *f*  
*f* synthèse *f* moléculaire  
*p* síntese *f* molecular
- 4189 molecular transformation by enzymes**  
(Enz.)  
(Enzymology; enzymes acting in specific reactions in physiology.)  
*d* molekulare Umwandlung *f* durch Enzyme  
*f* transformation *f* moléculaire par des enzymes  
*p* transformação *f* molecular pelas enzimas
- \* **molecular weight determination** → 4177
- 4190 molecular weight distribution**  
(Prod.)  
(Pharmaceutical technology; ref. e.g. to the distribution model as to C. F. Gauß, 1777-1855: in German: Gaußsche Verteilung, Normalverteilung; e.g. in polymers.)  
*d* Verteilung *f* des Molekulargewichtes;  
Molekulargewichtsverteilung *f*  
*f* distribution *f* du poids moléculaire  
*p* distribuição *f* do peso molecular
- 4191 molecule of the oxydized acetyl coenzyme A**  
(Enz.)  
(Ref. to the Krebs-cycle.)  
*d* Molekül *n* des oxidierten Acetyl-Coenzym A  
*f* molécule *f* d'acetyl coenzyme A oxydée  
*p* molécula *f* de acetil-coenzima A oxidada
- 4192 molecule of therapeutic interest**  
(Mol.)  
(Ref. to (new) molecules (research/production) for medicinal use, e.g. drug formulations etc.)  
*d* Molekül *n* therapeutischen Interesses  
*f* molécule *f* d'intérêt thérapeutique  
*p* molécula *f* de interesse terapêutico
- 4193 molten product**  
(Prod.)  
(Pharmaceutical technology; product characteristic.)  
*d* geschmolzenes Produkt *n*  
*f* produit *m* fondu  
*p* produto *m* fundido
- 4194 molybdenum**  
(Enz.)  
(Mo. Trace element e.g. incorporated in vitamin preparations. Also: bio-activator of the enzyme flavoprotein.)  
*d* Molybdän *n*  
*f* molybdène *m*  
*p* molibdênio *m*
- 4195 monitor v by analysis**  
(Prod.)  
(Pharmaceutical chemistry.)  
*d* durch Analyse überwachen; durch Analyse kontrollieren  
*f* surveiller par d'analyse; contrôler par d'analyse  
*p* monitorar por análise
- 4196 monoacid salts**  
(Vit.)  
(Vitamin biochemistry; a thiamin (vitamin B<sub>1</sub>) constituent.)  
*d* Salze *npl* der Monosäuren  
*f* sels *mpl* monoacides  
*p* sais *mpl* monoácidos
- 4197 monoclinic crystalline form**  
(Prod.)  
(Pharmaceutical technology; product characteristic.)

- d* monoklinische Kristallform *f*  
*f* forme *f* chrySTALLINE monoclinique  
*p* forma *f* cristalina monoclinica
- 4198 monomer level**  
 (Prod.)  
 (Pharmaceutical processes; ref. to polymerization processes in fine chemical determination processes.)  
*d* Bestandsanteil *m* von Monomeren  
*f* niveau *m* des monomères  
*p* nível *m* de monómeros
- 4199 monovalent; univalent adj**  
 (Prod.)  
 (Pharmaceutical chemistry; ref. to a valency of one; see entry: valency; valence.)  
*d* monovalent; einwertig  
*f* monovalent  
*p* monovalente
- 4200 more elastic vitamin tablet films**  
 (Prod.)  
 (Pharmaceutical technology.)  
*d* elastischere Vitamintablettenüberzüge *mpl*  
*f* revêtements *mpl* plus élastiques pour comprimés vitaminiques  
*p* filmes *mpl* mais elásticos para comprimidos de vitaminas
- 4201 morphine**  
 (Phyto.)  
 (C<sub>17</sub>H<sub>19</sub>NO<sub>3</sub>; derivative of phenanthrene (see entry), an opiate; see entries: "morphine sulphate", "opium". As a medicament it substitutes the natural endorphin, a peptide of the brain and thus an endogenous agonist (see entry).)  
*d* Morphin *n*  
*f* morphine *f*  
*p* morfina *f*
- 4202 morphine is the active principle of opium**  
 (Phyto.)  
 (The alkaloid of morphine is a source for the production of analgesics.)  
*d* Morphin *n* ist der Hauptwirkstoff des Opiums  
*f* morphine *f* est le principe actif principal d'opium  
*p* morfina *f* é o principal princípio ativo do ópio
- 4203 morphine sulfate**  
 (Prod.)  
 (C<sub>34</sub>H<sub>40</sub>N<sub>2</sub>O<sub>10</sub>S.5H<sub>2</sub>O; medicamentous substance; anaesthetic, analgesic, narcotic,
- antiemetic (see entries).)  
*d* Morphinsulfat *n*  
*f* sulfate *m* de morphine  
*p* sulfato *m* de morfina
- 4204 mother suspension**  
 (Prod.)  
 (Pharmaceutical technology.)  
*d* Muttersuspension *f*  
*f* suspension-mère *f*  
*p* suspensão-mãe *f*
- 4205 mother tincture**  
 (Homoeop.)  
 (Homeopathic notion: concentrated homeopathic form, the original tincture from which other tinctures derive.)  
*d* Muttertinktur *f*  
*f* teinture *f* mère  
*p* tintura-mãe *f*
- 4206 mould development**  
 (Prod.)  
 (Pharmaceutical chemistry; conservation problem of chemical substances.)  
*d* Schimmelentwicklung *f*  
*f* développement *m* de moisissures  
*p* desenvolvimento *m* de bolor; desenvolvimento *m* de mofo
- 4207 mould growing**  
 (Prod.)  
 (Pharmaceutical technology.)  
*d* Schimmelbildung *f*  
*f* formation *f* de moisissure  
*p* formação *f* de bolor
- 4208 mouth**  
 (Anat.)  
 (Part of the face, containing e.g. the tooth structures and those of the tongue, called also: glossa.)  
*d* Mund *m*  
*f* bouche *f*  
*p* boca *f*
- 4209 mouthwash**  
 (Prod.)  
 (Pharmaceutical technology; medicamentous solution with antiseptic etc properties for mouth rinsing.)  
*d* Mundwasser *n*  
*f* collutoire *m*  
*p* colutório *m*
- \* **m.q. number → 3913**

- 4210 mucarinic-like blockade in the parasympathic nervous system**  
(Phyto.)  
(Ref. to the action of passiflora, e.g. protection against some types of bronchospasms.)
- d* Muscarin-Typ-Blockierung *f* im parasympathischen Nervensystem  
*f* blocage *m* type muscarinique dans le système nerveux parasympathique  
*p* bloqueio *m* tipo muscarínico no sistema nervoso parassimpático
- 4211 mucilage as a laxative**  
(Pharm.)  
(Mucilage as a medicament/active principle.)
- d* Pflanzenschleim *m* als Abführmittel  
*f* mucilage *m* comme un laxatif  
*p* mucilagem *f* como laxativo
- 4212 mucilage as a medicamentous excipient**  
(Prod.)  
(Pharmaceutical technology; pharmaceutical auxiliary, e.g. made from gum tragacanth and gum arabic.)
- d* Pflanzenschleim *m* als ein medikamentöser Trägerstoff  
*f* mucilage *m* comme un excipient médicamenteux  
*p* mucilagem *f* como excipiente medicamentoso
- \* **mucilagenous substances** → 4213
- 4213 mucilages; mucilagenous substances; mucilaginous substances; pectin containing substances**  
(Prod.)  
(Pectin containing gelatinous substance for intestinal protection, used in cases of diarrhea; Pectin against intestinal stasis (flow-cessation), forming a mucilaginous layer within the intestine.)
- d* Muzilaginosa *npl*; pektinhaltige Stoffe *mpl*  
*f* mucilages *mpl* substances *fpl* mucilageineuses; substances *fpl* contenant de la pectine  
*p* mucilagens *fpl*; substâncias *fpl* mucilaginosas; substâncias *fpl* contendo pectina
- 4214 mucilage with swelling property in the water**  
(Prod.)  
(Pharmaceutical technology; pharmaceutical auxiliary, e.g. made from gum tragacanth and gum arabic.)
- d* Pflanzenschleim *m* mit Schwelleneigenschaft im Wasser  
*f* mucilage *m* comme excipient à gonfler dans l'eau
- p* mucilagem *f* com a característica de inchar na água
- \* **mucilaginous substances** → 4213
- 4215 mucopeptide; peptidoglycan; murein**  
(Ant.)  
(Bacterial cell wall component, synthesis of which is inhibited by penicillins and cephalosporins, constituting this the action mechanism of these antibiotics.)
- d* Mucopeptid *n*; Peptideoglycan *n*; Murein *n*  
*f* mucopeptide *m*; peptidoglycane *m*; muréine *m*  
*p* mucopeptídeo *m*; peptídeoglicano *m*; mureína *f*
- \* **mucopeptide is a giant molecule enveloping the bacterium** → 4216
- 4216 mucopeptide is a macromolecule enveloping the bacterium; mucopeptide is a giant molecule enveloping the bacterium**  
(Ant.)  
(Structure of bacteria; target of antibiotic action on bacteria.)
- d* Mucopeptid *n* ist ein Makromolekül welches die Bakterie umhüllt; Mucopeptid *n* ist ein Riesenmolekül welches die Bakterie umhüllt  
*f* mucopeptide *m* est une macromolécule enveloppant la bactérie; mucopeptide *m* est une molécule géante enveloppant la bactérie  
*p* mucopeptídáo *f* é uma macromolécula envolvendo a bactéria; mucopeptídáo *f* é uma molécula gigante envolvendo a bactéria
- \* **mucous membrane of the mouth** → 977
- \* **mucous membrane of the rectum** → 5306
- 4217 multienzymatic systems**  
(Enz.)  
(Biotechnology; enzyme characteristic; ref. to activity of enzymes in cell life; enzyme organization.)
- d* multienzymatische Systeme *npl*  
*f* systèmes *mpl* multienzymatiques  
*p* sistemas *mpl* multienzimáticos
- 4218 multienzyme complex**  
(Enz.)  
(Ref. to multienzymes, constituted of/enveloping various enzymes.)
- d* Multienzymkomplex *m*  
*f* complexe *m* multienzymatique  
*p* complexo *m* multienzimático
- 4219 multilayer tablet**  
(Prod.)

- (Pharmaceutical technology, tablet type.)  
*d* Mehrschichttablette *f*  
*f* comprimé *m* multicouche  
*p* comprimido *m* de várias camadas
- 4220 multiphase system**  
 (Prod.)  
 (Pharmaceutical chemistry; describing a dispersion; see entry: dispersion.)  
*d* mehrphasiges System *n*  
*f* système *m* polyphasique  
*p* sistema *m* polifásico
- 4221 multiple layer tablets**  
 (Prod.)  
 (Pharmaceutical technology: tablet type.)  
*d* Vielschichttabletten *fpl*  
*f* comprimés *mpl* à couches multiples  
*p* comprimidos *mpl* de várias camadas
- 4222 multiple resistance of a pathogen**  
 (Ant.)  
 (By plasmid transfer between germs.)  
*d* Mehrfachresistenz *f* eines Erregers  
*f* résistance *f* multiple d'un microbe pathogène  
*p* resistência *f* múltipla de um micróbio patogênico
- 4223 multiple-resistant bacterium**  
 (Ant.)  
 (Ref. to bacteria resistance against various antibiotics in antibiotherapy.)  
*d* vielfach-widerstandsfähiges Bakterium *n*;  
 mehrfach-resistentes Bakterium *n*  
*f* bactérie *f* multi-résistante  
*p* bactéria *f* de resistência múltipla
- 4224 multiplication of bacteria**  
 (Med.)  
 (Ref. to research etc.)  
*d* Vermehrung *f* von Bakterien  
*f* multiplication *f* des bactéries  
*p* multiplicação *f* das bactérias
- 4225 multistep synthesis**  
 (Prod.)  
 (Pharmaceutical technology; ref. to synthesis processes.)  
*d* Synthese *f* in verschiedenen Etappen  
*f* synthèse *f* à étapes multiples  
*p* síntese *f* a etapas múltiplas
- 4226 multivitamin drops**  
 (Vit.)  
 (Pharmaceutical vitamin form.)  
*d* Multivitamin-Drops *mpl*  
*f* bonbons *mpl* multivitaminiques  
*p* balas *fpl* multivitaminicas
- 4227 multivitamin effervescent granule formulation**  
 (Vit.)  
 (Vitamin technology; ref. to pharmaceutical vitamin form production.)  
*d* Multivitamin-Brausegranulat-Formulierung *f*  
*f* formulation *f* de granules multivitaminiques effervescents  
*p* formulação *f* de grânulos multivitaminicos efervescentes
- 4228 multivitamin effervescent tablets**  
 (Vit.)  
 (Vitamin technology; ref. to effervescent tablets, containing various types of vitamins.)  
*d* Multivitamin-Brausetabletten *fpl*  
*f* comprimés *mpl* multivitaminiques effervescents  
*p* comprimidos *mpl* multivitaminicos efervescentes
- 4229 multivitamin formulation**  
 (Vit.)  
 (Vitamin technology, vitamin preparation of various vitamins.)  
*d* Multivitaminformulierung *f*;  
 Mehrvitaminformulierung *f*  
*f* formulation *f* multivitaminique  
*p* formulação *f* multivitaminica
- 4230 multivitamin granules**  
 (Vit.)  
 (Vitamin technology; for the production of pharmaceutical vitamin forms.)  
*d* Multivitamingranulate *npl*  
*f* granulés *mpl* polyvitamines  
*p* grânulos *mpl* multivitaminicos
- 4231 multivitaminic adj**  
 (Vit.)  
 (Vitamin technology; product with various vitamin-types in its compound.)  
*d* multivitamin  
*f* polyvitaminé; multivitaminique  
*p* multivitaminico
- 4232 multivitamin infusion solution**  
 (Vit.)  
 (Vitamin technology; pharmaceutical vitamin preparation.)  
*d* Multivitamin-Infusionslösung *f*  
*f* solution *f* multivitaminique pour perfusion  
*p* solução *f* multivitaminica de perfusão
- 4233 multivitamin injectables**  
 (Vit.)  
 (Vitamin technology; pharmaceutical vitamin preparation.)

- d* Multivitamin-Injektionsprodukte *pl*  
*f* produits *mpl* multivitaminiques injectables  
*p* produtos *mpl* multivitaminicos injetáveis
- 4234 multivitamin premix**  
 (Vit.)  
 (Vitamin technology; vitamin mixtures for the elaboration of final vitamin preparations.)  
*d* Multivitamin-Vormischung *f*  
*f* prémix *m* multivitaminique; mélange *m* maître multivitaminique; mélange *m* mère multivitaminique  
*p* premix *m* multivitaminico; pré-mistura *f* de várias vitaminas
- 4235 multivitamin preparations**  
 (Vit.)  
 (Vitamin technology; combination product of various vitamins and trace elements.)  
*d* Multivitaminprodukte *npl*;  
 Multivitaminpräparate *npl*  
*f* préparations *fpl* multivitaminées  
*p* preparados *mpl* multivitaminados
- 4236 multivitamin soft gelatin[e] capsule**  
 (Vit.)  
 (Vitamin technology; pharmaceutical vitamin form.)  
*d* Multivitamin-Gelatineweichkapsel *f*  
*f* capsule *f* vitaminique de gélatine molle  
*p* cápsula *f* de vitamina, de gelatina mole
- 4237 multivitamin solid preparation**  
 (Vit.)  
 (Vitamin technology; multivitamin-capsules.)  
*d* festes Multivitamin-Präparat *n*  
*f* préparation *f* solide multivitaminique  
*p* preparação *f* multivitaminica sólida
- 4238 multivitamin solution**  
 (Vit.)  
 (Vitamin technology; ref. to vitamin preparations.)  
*d* Multivitaminlösung *f*  
*f* solution *f* multivitaminique  
*p* solução *f* multivitaminica
- 4239 multivitamin tablets**  
 (Vit.)  
 (Vitamin technology; pharmaceutical vitamin form.)  
*d* Multivitamin-tabletten *fpl*  
*f* comprimés *mpl* multivitaminiques  
*p* comprimidos *mpl* multivitaminicos
- \* **murein** → 4215
- \* **murein-transpeptidase** → 4669
- 4240 muscle protein**  
 (Med.)  
 (Ref. to anatomical structure.)  
*d* Muskeleiweiß *n*  
*f* protéine *f* musculaire  
*p* proteína *f* musculaire
- 4241 muscle relaxant**  
 (Prod.)  
 (Drug reducing muscle tension.)  
*d* Arzneimittel *n* zur Muskelentspannung  
*f* médicament *m* relaxant de la musculature;  
 médicament *m* relâchant de la musculature  
*p* medicamento *m* relaxante da musculatura
- 4242 mustard emplastrum**  
 (Prod.)  
 (Pharmaceutical technology; pharmaceutical form ["Brassica nigra (L.) Koch"] for cutaneous application (application on the skin); counterirritant effect.)  
*d* Senf-Heilpflaster *n*  
*f* emplâtre *m* à base de moutarde; sinapisme *m*  
*p* emplastro *m* de mostarda; sinapismo *m*
- 4243 mutagenic effect**  
 (Pharm.)  
 (Ref. to toxicological studies with pharmaceutical and chemical substances; mutation is the structural change of the genetic cell-material (DNA).)  
*d* mutierender Effekt *m*; sich spontan im Erbgefüge ändernde Wirkung *f*  
*f* effet *m* mutagène  
*p* efeito *m* mutagênico
- 4244 mutation as change of the genetic material**  
 (Cyt.)  
 (Molecular genetics.)  
*d* Mutation *f* als Veränderung im Erbgefüge  
*f* mutation *f* comme la modification de caractères héréditaires  
*p* mutação *f* como modificação na informação genética
- 4245 mycobacterium**  
 (Prod.)  
 (Gram-positive aerobic bacteria; a) Hansen's bacillus: leprosy causing; b) Koch's bacillus: tuberculosis causing.)  
*d* Mykobakterie *f*  
*f* mycobactérie *f*  
*p* micobactéria *f*
- 4246 mydriasis**  
 (Med.)  
 (Re. to widening of the pupil.)  
*d* Pupillenerweiterung *f*

*f* mydriase *f*  
*p* midriase *f*

**4247 mydriatic**

(Prod.)

(Ophthalmological drug; ref. to mydriasis,  
pupil widening.)

*d* Medikament *n* der Pupillenerweiterung  
*f* mydriatique *m*  
*p* midriático *m*

**4248 myotic; miotic**

(Prod.)

(Ophthalmological drug; ref. to myosis  
(miosis), pupil constriction.)

*d* Medikament *n* der Pupillenverengung  
*f* médicament *m* myotique  
*p* miótico *m*



## N

- \* NAD → 4330
- 4249 NAD biosynthesis**  
(Cyt.)  
(Endogenous synthesis (in the human body).)  
*d* NAD-Biosynthese *f*  
*f* biosynthèse *f* du NAD  
*p* biosíntese *f* do NAD
- \* NADH → 3267
- \* NADP → 4331
- \* NADPH → 3268
- 4250 narcosis methods**  
(Med.)  
(E.g. inhalation, injection etc.)  
*d* Narkosemethoden *fpl*  
*f* méthodes *fpl* de narcoses  
*p* métodos *mpl* de anestesia
- 4251 narcotic**  
(Prod.)  
(Insensibility inducing medicinal drug; opiate (opium derived medicamentous substances).)  
*d* Narkotikum *n* (Narkotika *pl*); Narkosemittel *n*  
*f* narcotique *m*  
*p* narcótico *m*
- 4252 narcotine**  
(Prod.)  
(C<sub>22</sub>H<sub>23</sub>NO<sub>7</sub>; noscapine; medicamentous substance, nonaddictive antitussive, see entry: antitussive agent.)  
*d* Narcotin *n*  
*f* narcotine *f*  
*p* narcotina *f*
- 4253 nasal application**  
(Med.)  
(Administration of a medicinal drug through the nose.)  
*d* nasale Applikation *f*; Verabreichung *f* durch die Nase  
*f* administration *f* nasale  
*p* aplicação *f* nasal
- 4254 nasal instillations**  
(Prod.)  
(Pharmaceutical chemistry; medicament characteristic.)  
*d* Nasentropfen *mpl*; nasale Instillationen *fpl*  
*f* instillations *fpl* nasales  
*p* instilações *fpl* nasais
- 4255 nasal mucous membrane**  
(Anat.)  
(Presence lining the respiratory tract.)  
*d* Nasenschleimhaut *f*  
*f* muqueuse *f* nasale  
*p* mucosa *f* nasal
- 4256 natr[aj]emia**  
(Med.)  
(Deficiency of sodium salts in the blood.)  
*d* Naträmie *f*  
*f* natrémie *f*  
*p* natremia *f*
- 4257 natural alpha-tocopherol as vitamin A-antioxidant**  
(Vit.)  
(Vitamin technology; ref. to vitamin E-properties.)  
*d* natürliches alpha-Tocopherol *n* als Antioxidantie von Vitamin A  
*f* alpha-tocophérol *m* naturel comme antioxydant de la vitamine A  
*p* alfa-tocoferol *m* natural como antioxidante da vitamina A
- 4258 natural carotene**  
(Vit.)  
(C<sub>40</sub>H<sub>56</sub>; a carotenoid (e.g. beta-carotene); a red hydrocarbon pigment and provitamin A.)  
*d* natürliches Carotin *n*; natürliches Karotin *n*  
*f* carotène *m* naturel  
*p* caroteno *m* natural
- 4259 natural deficiency symptoms**  
(Vit.)  
(Vitamin physiology; ref. to vitamin deficiencies.)  
*d* natürliche Mangelsymptome *npl*; natürliche Mangelerscheinungen *fpl*  
*f* symptômes *mpl* de carence naturelle  
*p* sintomas *mpl* de carência natural
- 4260 natural estradiol as a medicament of the menopause**  
(Horm.)  
(Application: e.g. locally: as a gel to be rubbed on the skin.)  
*d* natürliches Östradiol *n* als Arzneimittel der Menopause  
*f* œstradiol *m* naturel comme médicament de la ménopause  
*p* estradiol *m* natural como medicamento da menopausa

- 4261 natural flavin**  
(Vit.)  
(Vitamin biochemistry; riboflavin, vitamin B<sub>2</sub> present e.g. in brewer's yeast, cereals and vegetables etc.)  
*d* natürliches Flavin *n*  
*f* flavine *f* naturelle  
*p* flavina *f* natural
- 4262 natural hormone**  
(Horm.)  
(Ref. to endogenous (of the own body) hormones.)  
*d* natürliches Hormon *n*  
*f* hormone *f* naturelle  
*p* hormônio *m* natural
- 4263 natural immunity**  
(Med.)  
(Ref. to the natural resistance of the organism against certain diseases.)  
*d* natürliche Immunität *f*  
*f* immunité *f* naturelle  
*p* imunidade *f* natural
- 4264 naturally occurring thiamin[e]; naturally occurring vitamin B<sub>1</sub>**  
(Vit.)  
(Natural thiamine (vitamin B) source are cereals.)  
*d* natürlich vorkommendes Thiamin *n*; natürlich vorkommendes Vitamin *n* B<sub>1</sub>  
*f* thiamine *f* paraissante naturellement; vitamine *f* B<sub>1</sub> paraissante naturellement  
*p* tiamina *f* ocorrendo de forma natural; vitamina *f* B<sub>1</sub> ocorrendo de forma natural
- \* **naturally occurring vitamin B<sub>1</sub> → 4264**
- 4265 natural molecule**  
(Prod.)  
(Pharmaceutical chemistry; ref. to medicaments originated from natural substances.)  
*d* natürliches Molekül *n*  
*f* molécule *f* naturelle  
*p* molécula *f* natural
- 4266 natural occurrence of folic acid: potatoes, green vegetable leaves**  
(Vit.)  
(Vitamin biochemistry; natural occurrence also: milk, yeast, liver.)  
*d* natürliches Vorkommen *n* von Folsäure: Kartoffeln, Blattgemüse  
*f* gisement *m* naturel de l'acide folique: pommes de terre, légumes de feuilles verts  
*p* ocorrência *f* natural do ácido fólico: batatas,
- folhas verdes das verduras
- 4267 natural occurrence of vitamin B<sub>1</sub>: cereals, yeast, liver**  
(Vit.)  
(Vitamin biochemistry; natural origin examples of thiamine.)  
*d* natürliches Vorkommen *n* von Vitamin B<sub>1</sub>: Getreide, Hefe, Leber  
*f* gisement *m* naturel de la vitamine B<sub>1</sub>: céréales, levure, foie  
*p* ocorrência *f* natural da vitamina B<sub>1</sub>: cereais, lèvedos, fígado
- 4268 natural occurrences of vitamin D<sub>2</sub>: animal fats, cod-fish oil**  
(Vit.)  
(Vitamin biochemistry; natural occurrences of ergocalciferol, also: milk, liver of mammals.)  
*d* natürliche Vorkommen *npl* of Vitamin D<sub>2</sub>: tierische Fette, Lebertran des Kabeljaus  
*f* gisements *mpl* naturels de la vitamine D<sub>2</sub>: graisses animales, huile de foie de morue  
*p* ocorrências *fpl* naturais da vitamina D<sub>2</sub>: gorduras animais, óleo de fígado do bacalhau
- 4269 natural origin of niacin: cereals, yeast**  
(Vit.)  
(Vitamin biochemistry; natural nicotinamide-vitamin B<sub>3</sub>- or vitamin PP- origin, also: milk, liver.)  
*d* natürlicher Ursprung *m* des Niacins: Getreide, Hefe  
*f* origine *f* naturelle de la niacine: céréales, levure  
*p* origem *m* natural da niacina: cereais, lèvedos
- 4270 natural origin of vitamin A: in animal fats**  
(e.g. butter, cod-liver oil)  
(Vit.)  
(Vitamin biochemistry; natural origin together with vitamin D; plants have specially the precursor "beta-carotene".)  
*d* natürlicher Ursprung *m* von Vitamin A: in tierischen Fetten (z. B. Butter, Lebertran des Kabeljaus)  
*f* origine *f* naturelle de la vitamine A: graisses animales (p. ex. beurre, huile de foie de morue)  
*p* origem *f* natural de vitamina A: em gorduras animais (manteiga; óleo de fígado do bacalhau)
- 4271 natural origin of vitamin D<sub>3</sub>: animal fats, cod-fish oil**  
(Vit.)  
(Vitamin biochemistry; natural origin of cholecalciferol also: milk, liver of mammals.)

- d* natürlicher Ursprung *m* von Vitamin D<sub>3</sub>: tierische Fette, Lebertran  
*f* origine *f* naturelle de la vitamine D<sub>3</sub>: graisses animales, huile de foie de morue  
*p* origem *f* natural da vitamina D<sub>3</sub>: gorduras animais, óleo de fígado de bacalhau
- 4272 natural overdose of a vitamin**  
 (Vit.)  
 (Vitamin physiology; example: vitamin D, inhibited by tanning, skin browning by the sun.)  
*d* natürliche Überdosierung *f* eines Vitamins  
*f* surdosage *m* naturel d'une vitamine  
*p* superdosagem *f* natural de uma vitamina
- 4273 natural overdose of vitamin D**  
 (Vit.)  
 (Vitamin technology; ref. to vitamin D: produced by UV-irradiation on the skin.)  
*d* natürliche Überdosierung *f* an Vitamin D  
*f* surdosage *m* naturel de vitamine D  
*p* superdosagem *f* natural de vitamina D
- 4274 natural protein compound**  
 (Enz.)  
 (Enzymology; an organic compound; ref. to biochemical characteristics.)  
*d* natürliche Proteinverbindung *f*; natürliche Eiweißverbindung *f*  
*f* composé *m* protéique naturel  
*p* composto *m* protéico natural
- 4275 natural resins**  
 (Prod.)  
 (Pharmaceutical technology; for tablet coating.)  
*d* Naturharze *npl*  
*f* résines *fpl* naturelles  
*p* resinas *fpl* naturais
- 4276 natural resistance of a pathogen against antibiotics**  
 (Ant.)  
 (This resistance of the microorganism turns the antibiotic ineffective)  
*d* natürliche Resistenz *f* eines Erregers gegen Antibiotika  
*f* résistance *f* naturelle d'un microbe pathogène aux antibiotiques  
*p* resistência *f* natural de um micróbio patogénico contra os antibióticos
- 4277 natural source of vitamin B<sub>12</sub> are foodstuffs of animal origin**  
 (Vit.)  
 (Vitamin biochemistry; natural sources are e.g. milk, cheese, eggs, liver, fish.)
- d* natürliche Quelle *f* des Vitamins B<sub>12</sub> sind Nahrungsmittel tierischen Ursprungs  
*f* source *f* naturelle de la vitamine B<sub>12</sub> est l'alimentation d'origine animale  
*p* fonte *f* natural da vitamina B<sub>12</sub> é a alimentação de origem animal
- 4278 natural source of vitamin B<sub>2</sub>: cereals, yeast, liver, meat, vegetables**  
 (Vit.)  
 (Vitamin biochemistry; natural riboflavin sources; also: milk, fish.)  
*d* natürliche Quelle *f* von Vitamin B<sub>2</sub>: Getreide, Hefe, Leber, Fleisch, Gemüse  
*f* source *f* naturelle de la vitamine B<sub>2</sub>: céréales, levure, foie, viande, légumes  
*p* fonte *f* natural da vitamina B<sub>2</sub>: cereais, lêvedos fígado, carne, legumes
- 4279 natural sources of vitamin B<sub>6</sub>: cereals, yeast, soybeans**  
 (Vit.)  
 (Vitamin biochemistry; natural pyridoxamine sources also: liver, kidney.)  
*d* natürliche Quellen *fpl* von Vitamin B<sub>6</sub>: Getreide, Hefe, Sojabohnen  
*f* sources *fpl* naturelles de la vitamine B<sub>6</sub>: céréales, levure, grains de soya  
*p* fontes *fpl* naturais da vitamina B<sub>6</sub>: cereais, lêvedos, feijão de soja
- 4280 natural substance**  
 (Prod.)  
 (Pharmaceutical chemistry; ref. to the origin of a substance.)  
*d* natürliche Substanz *f*  
*f* substance *f* naturelle  
*p* substância *f* natural
- 4281 natural vitamin C of foodstuff**  
 (Vit.)  
 (E.g. to be found in fresh (citric) fruits, rose hips, in fresh vegetables etc.)  
*d* natürliches Vitamin *n* C der Nahrungsmittel  
*f* vitamine *f* C naturelle des aliments  
*p* vitamina *f* C natural dos alimentos
- 4282 natural vitamin C-sources: citrus fruits, paprika, rose hip**  
 (Vit.)  
 (Vitamin biochemistry; natural ascorbic acid-sources; also: potatoes, green vegetable leaves.)  
*d* natürliche Vitamin C-Quellen *fpl*: Zitrusfrüchte, Paprika, Hagebutte  
*f* sources *fpl* naturelles de la vitamine C: agrumes, paprika, fruit de l'églantier  
*p* fontes *fpl* naturais da vitamina C: frutas cítricas, paprika, pseudofruto da roseira brava

- 4283 natural vitamin overdosage**  
(Vit.)  
(Presence of excessive quantities of vitamins, which can be found in natural food and are also sometimes produced in the human body.)  
*d* natürliche Vitaminüberdosierung *f*  
*f* surdosage *m* naturel vitaminique  
*p* superdosagem *f* natural de vitaminas
- 4284 natural vitamin product**  
(Vit.)  
(Vitamin technology; e.g. retinol, thiamine etc.)  
*d* natürliches Vitamin-Produkt *n*  
*f* produit *m* naturel vitaminique  
*p* produto *m* natural de vitamina; produto *m* natural vitamínico
- 4285 natural vitamins are derived from natural sources**  
(Vit.)  
(E.g. vitamin E (alpha-tocopherol): green vegetables.)  
*d* natürliche Vitamine *npl* sind von natürlichen Quellen abgeleitet  
*f* vitamines *fpl* naturelles sont dérivées de sources naturelles  
*p* vitaminas *fpl* naturais são derivadas de fontes naturais
- 4286 natural vitamins are found in the natural environment**  
(Vit.)  
(E.g. vitamin E (alpha-tocopherol): green vegetables.)  
*d* natürliche Vitamine *npl* werden in der natürlichen Umwelt angetroffen  
*f* vitamines *fpl* naturelles sont rencontrées dans l'environnement naturel  
*p* vitaminas *fpl* naturais são encontradas no meio ambiente natural
- 4287 natural vitamins are perhaps better absorbed by the organism**  
(Vit.)  
(Vitamin physiology; comparison between characteristics of synthesized and natural vitamins.)  
*d* natürliche Vitamine *npl* werden vielleicht vom Organismus besser absorbiert  
*f* vitamines *fpl* naturelles peut-être sont mieux absorbées par l'organisme  
*p* vitaminas *fpl* naturais são talvez melhor absorvidas pelo organismo
- 4288 natural vitamins are present in a nutrient**  
(Vit.)  
(E.g. vitamin B complex in yeast.)  
*d* natürliche Vitamine *npl* befinden sich in einem Nährstoff  
*f* vitamines *fpl* naturelles sont trouvées dans d'un nutriment  
*p* vitaminas *fpl* naturais apresentam-se num nutriente
- 4289 natural vitamins are produced by fermentation**  
(Vit.)  
(E.g. vitamin B<sub>12</sub>-cyanocobalamin.)  
*d* natürliche Vitamine *npl* werden durch Gärung hergestellt  
*f* vitamines *fpl* naturelles sont produites par fermentation  
*p* vitaminas *fpl* naturais são produzidas por fermentação
- 4290 natural vitamins possibly are biologically more active**  
(Vit.)  
(Vitamin physiology; comparison between characteristics of synthesized and natural vitamins.)  
*d* natürliche Vitamine *npl* sind eventuell biologisch aktiver  
*f* vitamines *fpl* naturelles éventuellement sont biologiquement plus actives  
*p* vitaminas *fpl* naturais são eventualmente biologicamente mais ativas
- 4291 natural vitamins: probably retained in the body for more time**  
(Vit.)  
(Vitamin physiology; comparison between characteristics of synthesized and natural vitamins.)  
*d* natürliche Vitamine *npl*: werden wahrscheinlich im Körper für längere Zeit zurückgehalten  
*f* vitamines *fpl* naturelles: probablement retenues dans le corps pour plus de temps  
*p* vitaminas *fpl* naturais: provavelmente retidas no corpo por mais tempo
- 4292 nature of an emulsion phase**  
(Prod.)  
(Pharmaceutical chemistry; ref. to an oily or hydrophile nature.)  
*d* Beschaffenheit *f* einer Emulsionsphase  
*f* nature *f* de la phase d'une émulsion  
*p* natureza *f* da fase de uma emulsão
- 4293 nature of the pharmaceutical medium**  
(Prod.)  
(Pharmaceutical chemistry; ref. to the properties of its chemical components, the characteristics of all its ingredients.)

- d* Beschaffenheit *f* des pharmazeutischen Mediums  
*f* nature *f* du milieu pharmaceutique  
*p* natureza *f* do meio farmacêutico
- \* **necrosis of the gingivae** → 4294
- 4294 necrosis of the gums; necrosis of the gingivae**  
 (Vit.)  
 (Vitamin deficiencies; e.g. due to folic acid deficiency.)  
*d* Zahnfleisch-Nekrose *f*  
*f* nécrose *f* des gencives  
*p* necrose *f* das gengivas
- 4295 negative addition effect of antibiotics**  
 (Ref. to antibiotics in treatments, e.g. in antibiotherapy; see this entry.)  
*d* negative Additionsauswirkung *f* von Antibiotika  
*f* effet *m* d'addition négatif d'antibiotiques  
*p* efeito *m* de adição negativo de antibióticos
- 4296 negative chemotaxis; repulsive chemotaxis**  
 (Pharm.)  
 (Ref. to the response of the organism to chemical stimulus; in relation to a chemical substance – of (blood) cells, microorganisms etc.)  
*d* negative Chemotaxis *f*; abstoßende Chemotaxis *f*  
*f* chimiotactisme *m* négatif; chimiotactisme *m* répulsif  
*p* quimiotaxia *f* negativa; quimiotaxia *f* repulsiva
- 4297 negative feedback mechanism**  
 (Horm.)  
 (Ref. to hormonal regulation activities in the body; hormonal interrelations.)  
*d* negativer Rückkopplungsmechanismus *m*  
*f* mécanisme *m* de la rétroaction négative  
*p* mecanismo *m* de retroação negativa; mecanismo *m* de retroalimentação negativa
- 4298 negative inotropic effect**  
 (Pharm.)  
 ("Relieving" effect on heart muscle contraction; this effect can be obtained by beta-blockers, finally causing blood pressure reduction.)  
*d* negative inotrope Wirkung *f*  
*f* effet *m* inotrope négatif  
*p* efeito *m* negativo inotrópico
- 4299 neomycin**  
 (Prod.)  
 (Pharmaceutical technology; antibiotic complex: neomycin A: C<sub>12</sub>H<sub>26</sub>N<sub>4</sub>O<sub>6</sub>; neomycin B + C: C<sub>29</sub>H<sub>58</sub>N<sub>8</sub>O<sub>16</sub>; broad spectrum antibiotic.)  
*d* Neomycin *n*  
*f* néomycine *f*  
*p* neomicina *f*
- 4300 nephritic**  
 (Med.)  
 (Ref. to the (diseased) kidney, also: to nephritis.)  
*d* nierenkrankheitsbezüglich; nierenrelativ  
*f* néphrétique  
*p* nefrítico
- 4301 nephron**  
 (Anat.)  
 (Ref. to kidney structure; excretion unit.)  
*d* Nephron *n*  
*f* néphron *m*  
*p* nefrônio *m*
- 4302 nephrotoxic active substance**  
 (Pharm.)  
 (Ref. to the properties of certain active principles which can turn out – under special circumstances – to be toxic.)  
*d* nierengiftiger Wirkstoff *m*  
*f* substance *f* active néphrotoxique  
*p* substância *f* ative nefrotóxica
- 4303 nephrotoxin**  
 (Pharm.)  
 (Ref. to the properties of certain active principles which can turn out – under special circumstances – to be toxic.)  
*d* Nierengift *n*  
*f* néphrotoxine *f*  
*p* nefrotoxina *f*
- 4304 nervous attack**  
 (Med.)  
 (Due to vitamin B<sub>12</sub>-deficiency.)  
*d* nervöser Anfall *m*  
*f* atteinte *f* nerveuse  
*p* ataque *m* nervoso
- 4305 nervous system**  
 (Med.)  
 (Said to be positively influenced by vitamin B<sub>12</sub> activity.)  
*d* Nervensystem *n*  
*f* système *m* nerveux  
*p* sistema *m* nervoso
- 4306 nervous transmission of pain**  
 (Med.)  
 (Requiring analgesic treatment.)

- d* nervöse Schmerzübertragung *f*  
*f* transmission *f* nerveuse de la douleur  
*p* transmissão *f* nervosa da dor
- 4307 neurocirculatory asthenia**  
 (Med.)  
 (Weakness, due to vitamin B<sub>12</sub>-deficiency.)  
*d* neurozirkulatorische Asthenie *f*  
*f* asthénie *f* névrocirculatoire  
*p* astenia *f* neurocirculatória
- 4308 neuro-endocrine response**  
 (Horm.)  
 (Ref. to the activity of the hypothalamic complex.)  
*d* neuro-endokrine Antwort *f*; neuro-endokrine Response *f*  
*f* réponse *f* neuro-endocrine  
*p* resposta *f* neuro-endócrina
- 4309 neurohormone**  
 (Horm.)  
 (Nervous tissue hormone, e.g. acetylcholine (C<sub>7</sub>H<sub>17</sub>NO<sub>3</sub>) and norepinephrine (C<sub>8</sub>H<sub>11</sub>NO<sub>3</sub>.)  
*d* Neurohormon *n*  
*f* neurohormone *f*  
*p* neurohormônio *m*
- 4310 neurologic medicinal drug; neurological medicinal drug**  
 (Prod.)  
 (Medicament for the nervous system.)  
*d* neurologisches Heilmittel *n*;  
 Nervenheilmittel *n*  
*f* médicament *m* neurologique  
*p* medicamento *m* neurologico
- 4311 neuron[e]**  
 (Med.)  
 (Nerve cell with dendrites (for entering of impulses) and axon (nerve fibre for impulse-vehiculation).)  
*d* Neuron *n*  
*f* neurone *m*  
*p* neurônio *m*
- 4312 neuropathy**  
 (Med.)  
 (Degenerative nervous system condition, due to vitamin B<sub>12</sub>-deficiency.)  
*d* Neuropathie *f*  
*f* neuropathie *f*; névropathie *f*  
*p* neuropatia *f*
- 4313 neuropeptide**  
 (Enz.)  
 (Neural activity stimulating endogenous peptide.)  
*d* Neuropeptid *n*  
*f* neuropeptide *f*  
*p* neuropeptídeo *m*
- 4314 neurosecreting hormones**  
 (Horm.)  
 (Ref. to neurohormones, neurosecretion, see also these entries.)  
*d* neurosekretorische Hormone *npl*  
*f* hormones *fpl* neurosécrétoires  
*p* hormônios *mpl* neuro-secretores
- 4315 neurosecretion**  
 (Horm.)  
 (Neurohormones are hypothalamus hormones; see also entry: neurohormone.)  
*d* Neurosekretion *f*  
*f* neurosécrétion *f*  
*p* neurosecreção *f*
- 4316 neurotransmitter**  
 (Vit.)  
 (Neurotransmitter formation favourably influenced by certain vitamins.)  
*d* Neurotransmitter *m*  
*f* neurotransmetteur *m*; neuromédiateur *m*  
*p* neurotransmissor *m*
- 4317 neutral adjuvant in tablet production**  
 (Prod.)  
 (Pharmaceutical processes; ref. to tableting.)  
*d* neutraler Hilfsstoff *m* in der  
 Tablettenproduktion  
*f* adjuvant *m* neutre dans la production des comprimés  
*p* produto *m* adjuvante neutro na produção dos comprimidos
- 4318 neutral aqueous solution**  
 (Prod.)  
 (Pharmaceutical technology; solution characteristic.)  
*d* neutrale wässrige Lösung *f*; neutrale wässrige Lösung *f*  
*f* solution *f* aqueuse neutre  
*p* solução *f* aquosa neutra
- 4319 neutral homeopathic saccharose granules**  
 (Homoeop.)  
 (Hom[*o*]eopathic form.)  
*d* neutrale homöopathische Saccharose-Granulate *npl*  
*f* granules *mpl* homéopathiques neutres de saccharose  
*p* grânulos *mpl* homeopáticos neutros de sacarose

- 4320 neutralization degree**  
(Prod.)  
(Pharmaceutical chemistry.)  
*d* Neutralisierungsgrad *m*  
*f* degré *m* de neutralisation  
*p* grau *m* de neutralização
- 4321 neutralizing agent**  
(Prod.)  
(Auxiliary in pharmaceutical processes/production.)  
*d* Neutralisierungsmittel *n*  
*f* neutralisant *m*  
*p* neutralizante *m*
- 4322 neutral medium**  
(Prod.)  
(Pharmaceutical chemistry.)  
*d* neutrales Medium *n*  
*f* milieu *m* neutre  
*p* meio *m* neutro
- 4323 neutral reaction**  
(Prod.)  
(Pharmaceutical chemistry.)  
*d* neutrale Reaktion *f*  
*f* réaction *f* neutre  
*p* reação *f* neutra
- 4324 neutral solution**  
(Prod.)  
(Pharmaceutical chemistry (pH = 7).)  
*d* neutrale Lösung *f*  
*f* solution *f* neutre  
*p* solução *f* neutra
- 4325 neutron number**  
(Mol.)  
(Molecular biology; (Symbol: n); the neutron is a subatomic particle, electrically neutral, part of all atomic nucleus, except the normal hydrogen nucleus.)  
*d* Neutronenzahl *f*  
*f* nombre *m* de neutrons  
*p* número *m* de nêutrons
- 4326 new products issued from biotechnologies**  
(Enz.)  
(Biotechnology; e.g. ref. to foodstuffs, medicine etc., example of applied biology for industrial production.)  
*d* neue aus der Biotechnologie stammende Produkte *npl*  
*f* produits *mpl* nouveaux issus des biotechnologies  
*p* produtos *mpl* novos procedentes das biotecnologias
- \* **niacin** → 4340
- \* **niacin as the third factor of the vitamin B-principle** → 6932
- 4327 niacin deficiency; aniacinosis**  
(Vit.)  
(Vitamin deficiency; see entry: nicotinic acid; niacin.)  
*d* Niacinmangel *m*  
*f* carence *f* en niacine; aniacinose *f*  
*p* carência *f* de niacina
- 4328 nickel**  
(Enz.)  
(Ni. Enzyme-(transaminase)-activator in the liver.)  
*d* Nickel *n*  
*f* nickel *m*  
*p* níquel *m*
- 4329 nicotinamide; vitamin B<sub>3</sub>; vitamin PP**  
(water-soluble, acts as a coenzyme in redox processes)  
(Vit.)  
(Vitamin physiology; C<sub>6</sub>H<sub>6</sub>N<sub>2</sub>O; essential in cellular respiration.)  
*d* Nicotinsäureamid *n*; Vitamin *n* B<sub>3</sub>; vitamin *n* PP (wasserlöslich, wirkt als Coenzym in Redox-Prozessen)  
*f* nicotinamide *m*; vitamine *f* B<sub>3</sub>; vitamine *f* PP (hydrosoluble, agit comme coenzyme dans les processus redox)  
*p* nicotinamida *f*; vitamina *f* B<sub>3</sub>; vitamina *f* PP (hidrossoluble, atua como coenzima nos processos redox)
- 4330 nicotinamide adenine dinucleotide; NAD**  
(Enz.)  
(NAD: C<sub>21</sub>H<sub>27</sub>N<sub>7</sub>O<sub>14</sub>P<sub>2</sub>; coenzyme of dehydrogenases occurring in cells; intermediary metabolism.)  
*d* Nicotinamid-Adenin-Dinucleotid *n*; NAD  
*f* nicotinamide-adenine-dinucleotide *m*; NAD  
*p* nicotinamida-adenina-dinucleotídeo *m*; NAD
- 4331 nicotinamide adenine dinucleotide phosphate; NADP**  
(Enz.)  
(C<sub>21</sub>H<sub>28</sub>N<sub>7</sub>O<sub>17</sub>P<sub>3</sub>; coenzyme, hydrogen vehicle during enzymatic reduction and oxidation.)  
*d* Nicotinamid-adenin-dinucleotid-phosphat *n*; NADP  
*f* nicotinamide-adenine-dinucleotide-phosphate *m*; NADP  
*p* nicotinamida-adenina-dinucleotídeo-fosfato *m*; NADP

- 4332 nicotinamide ascorbate – nicotinamide/ascorbic acid complex**  
(Vit.)  
(Vitamin technology; used only in solid vitamin preparation forms.)  
*d* Nicotinamid-Ascorbat *n* – Nicotinamid/Ascorbinsäure-Komplex *m*  
*f* ascorbate *m* de nicotinamide – complexe *m* de nicotinamide/acide ascorbique  
*p* ascorbato *m* de nicotinamida – complexo *m* de nicotinamida/ácido ascórbico
- 4333 nicotinamide as structural blocks of NAD and NADP**  
(Vit.)  
(Vitamin biochemistry/physiology: nicotinamide (vitamin B<sub>3</sub>, vitamin PP) in the human body is part of the NAD- and NADP-complex.)  
*d* Nicotinamid *n* als Strukturblöcke von NAD und NADP  
*f* nicotinamide *m* comme blocs structuraux du NAD et du NADP  
*p* nicotinamida *f* como blocos estruturais do NAD e NADP
- 4334 nicotinamide deficiency**  
(Vit.)  
(Ref. to nicotinic acid amide. Vitamin B<sub>3</sub>. C<sub>6</sub>H<sub>6</sub>N<sub>2</sub>O. Constituent of coenzymes. PP-factor (pellagra preventing factor).)  
*d* Nicotinamidmangel *m*  
*f* carence *f* en nicotinamide  
*p* carência *f* de nicotinamida
- 4335 nicotinamide-dinucleotide**  
(Vit.)  
(NAD; in vitamin biochemistry.)  
*d* Nicotinsäureamid-Dinucleotid *n*; Dinucleotid *n* des Nicotinsäureamides  
*f* nicotinamide-dinucléotide *m*  
*p* nicotinamida-dinucléotídeo *m*; dinucleotídeo *m* da nicotinamida
- 4336 nicotinamide formed as degradation product of NAD catabolism; vitamin B<sub>3</sub> formed as degradation product of NAD catabolism**  
(Vit.)  
(Vitamin physiology.)  
*d* Nicotinsäureamid *n* als Abbauprodukt des NAD-Katabolismus gebildet; Vitamin *n* B<sub>3</sub> als Abbauprodukt des NAD-Katabolismus gebildet  
*f* nicotinamide *m* formé comme produit de la dégradation du catabolisme du NAD;
- vitamine *f* B<sub>3</sub> formé comme produit de la dégradation du catabolisme du NAD  
*p* nicotinamida *f* formada como produto de degradação do catabolismo do NAD; vitamina *f* B<sub>3</sub> formada como produto de degradação do catabolismo do NAD
- 4337 nicotinamide metabolism; vitamin B<sub>3</sub> metabolism**  
(Vit.)  
(Ref. to vitamin physiology.)  
*d* Nicotinsäureamid-Stoffwechsel *m*; Vitamin B<sub>3</sub>-Stoffwechsel *m*  
*f* métabolisme *m* de la nicotinamide; métabolisme *m* de la vitamine B<sub>3</sub>  
*p* metabolismo *m* da nicotinamida; metabolismo *m* da vitamina B<sub>3</sub>
- 4338 nicotinamide separation**  
(Vit.)  
(Vitamin technology; ref. to nicotinamide (vitamin B<sub>3</sub>) in biochemical processes.)  
*d* Nicotinsäureamid-Trennung *f*  
*f* separation *f* de la nicotinamide  
*p* separação *f* de nicotinamida
- 4339 nicotine**  
(Prod.)  
(C<sub>10</sub>H<sub>14</sub>N<sub>2</sub>; alkaloids with one or more nitrogen cycles; derivatives are medicamentous molecules. Derivative of the pyrrolidine core.)  
*d* Nikotin *n*  
*f* nicotine *f*  
*p* nicotina *f*
- 4340 nicotinic acid; niacin**  
(Vit.)  
(Pyridine-3-carboxylic acid; former name: Vitamin B<sub>3</sub>. C<sub>6</sub>H<sub>5</sub>NO<sub>2</sub>; used alike to nicotinamide; anti-pellagra vitamin; PP factor (pellagra preventive factor).)  
*d* Nicotinsäure *f*; Niacin *n*  
*f* acide *m* nicotinique; niacine *f*  
*p* ácido *m* nicotínico; niacina *f*
- 4341 nicotinic acid acts as a lipid-reducer**  
(Vit.)  
(Vitamin physiology; nicotinic acid as inhibitor of the lipid synthesis.)  
*d* Nikotinsäure *f* wirkt als ein Lipidsenker  
*f* acide *m* nicotinique agit comme un réducteur des lipides; acide *m* nicotinique est efficace comme un réducteur des lipides  
*p* ácido *m* nicotínico age como redutor de lipídios



- 4342 nicotinic acid as inhibitor of lipoprotein synthesis**  
(Vit.)  
(Vitamin physiology;  $C_6H_5NO_2$ ; constituent of the vitamin B complex.)  
*d* Nikotinsäure *f* als Hemmstoff der Lipoproteinsynthese  
*f* acide *m* nicotinique comme inhibiteur de la synthèse des lipoprotéïnes  
*p* ácido *m* nicotínico como inibidor da síntese das lipoproteínas
- \* **nicotinic acid as the third factor of the vitamin B-principle** → 6932
- 4343 nicotinic acid inactive as a vitamin**  
(Vit.)  
(Vitamin biochemistry; ref. to nicotinic acid bound, e.g. to polysaccharides in nature (e.g. in cereals).)  
*d* als Vitamin unwirksame Nicotinsäure *f*  
*f* ácido *m* nicotinique inactif en qualité de vitamine  
*p* ácido *m* nicotínico inativo como vitamina
- 4344 nicotinic alcohol; 3-pyridinemethanol**  
(Vit.)  
( $C_6H_7NO$ ; nicotine alcohol; derivative of nicotinic acid used as a drug, e.g. as vasodilator for peripheral vascular diseases etc.)  
*d* Nicotinalkohol *m*; 3-Pyridinmethanol *n*  
*f* alcool *m* nicotinique  
*p* álcool *m* nicotínico
- 4345 nidation; implantation**  
(Horm.)  
(Embryonic attachment to the womb-lining, promoted e.g. by progesterone.)  
*d* Nidation *f*; Einnistung *f*; Sicheinbetten *n*  
*f* nidation *f*; implantation *f*  
*p* nidação *f*; implantação *f*
- \* **night-blindness due to vitamin A avitaminosis** → 3046
- 4346 nitrated alkaloid**  
(Enz.)  
(Medicamentous molecules; plant heteroside (see entry: heteroside); basic nitrogenous organic plant (drug) molecule, with physiologic – i.e. therapeutic or toxic effects; ref. to drug elaboration in biotechnology.)  
*d* nitrirtes Alkaloid *n*  
*f* alcaloïde *m* azoté  
*p* alcalóide *m* azotado; alcalóide *m* nitratado
- 4347 nitrogen**  
(Vit.)  
(N. An inert gas; e.g. used to eliminate oxygen from vitamin solutions, to avoid contact between oxygen and vitamins, which would affect their stability.)  
*d* Stickstoff *m*  
*f* azote *m*  
*p* nitrogênio *m*
- 4348 nitrogen content**  
(Prod.)  
(Pharmaceutical technology; product test data; e.g. of polyvinylpyrrolidone.)  
*d* Stickstoffgehalt *m*  
*f* teneur *f* en azote  
*p* teor *m* de nitrogênio
- 4349 nitrogen cycle**  
(Prod.)  
(The two groups of alkaloids are: alkaloids with n.c. and without n.c. (see entry: alkaloids).)  
*d* Stickstoffzyklus *m*  
*f* cycle *m* azoté; cycle *m* de l'azote  
*p* ciclo *m* nitrogenado; ciclo *m* de nitrogênio
- 4350 nitrous-oxide narcosis**  
(Prod.)  
(Nitrous oxide ( $N_2O$ ), laughing gas.)  
*d* Lachgasnarkose *f*; Stickoxydul-Narkose *f*  
*f* narcose *f* au oxyde azoté  
*p* anestesia *f* de gás *m* hilariante; anestesia *f* de óxido de dinitrogênio; anestesia *f* de óxido azotoso
- \* **N-methylbetaine of nicotinic acid** → 6526
- \* **N,N-diethylnicotinamide** → 1906
- \* **noble gas** → 3453
- 4351 nondusting** *adj*  
(Prod.)  
(Pharmaceutical technology; ref. to tableting processes: powder (tablet prime material) characteristic.)  
*d* staubfrei  
*f* exempt de poussière  
*p* livre de pó; isento de formação de poeira
- 4352 nonenergetic vitamin molecules**  
(Vit.)  
(Vitamin structure, in vitamin biochemistry.)  
*d* nicht energiegeladene Vitamin-Moleküle *npl*  
*f* molécules *fpl* vitaminiques non énergétiques  
*p* moléculas *fpl* vitamínicas não energéticas

- 4353 non-enzymatic vitamin**  
(Vit.)  
(Vitamin biochemistry, ref. e.g. to vitamin E (alfa-tocopherol).)  
*d* nicht enzymatisches Vitamin *n*  
*f* vitamine *f* non enzymatique  
*p* vitamina *f* não enzimática
- (Auxiliary product in pharmaceutical technology.)  
*d* nichtionischer Lösungsmittler *m*  
*f* solubilisant *m* non ionique  
*p* solubilizante *m* não-iônico
- 4354 nonessential amino acids**  
(Enz.)  
(Physiology: synthesized by the body; constituents of protein.)  
*d* nichtessentielle Aminosäuren *fpl*  
*f* aminoacides *mpl* non essentiels  
*p* aminoácidos *mpl* não essenciais
- 4355 non fermentative** *adj*  
(Enz.)  
(Ref. to biochemical transformation processes in the organism, influenced e.g. by certain vitamins.)  
*d* gärungsungebunden; nicht fermentativ  
*f* non fermentaire  
*p* não-fermentante
- 4356 non-functionality**  
(Enz.)  
(Biotechnology; ref. to certain biochemical processes.)  
*d* Funktionsuntüchtigkeit *f*  
*f* non-fonctionnalité *f*  
*p* não-funcionalidade *f*
- 4357 non-greasy film**  
(Prod.)  
(Pharmaceutical technology; e.g. tablet production.)  
*d* nicht fettiger Film *m*; fettloser Überzug *m*  
*f* film *m* non grassex  
*p* filme *m* isento de gorduras
- 4358 non-hygroscopic** *adj*  
(Prod.)  
(Fine chemical technology; lack of to moisture retention capacity of a substance.)  
*d* nicht hygroskopisch  
*f* non-hygroscopique  
*p* não higroscópico
- 4359 non-ionic emulsifier**  
(Prod.)  
(Fine chemical technology; auxiliary.)  
*d* nichtionischer Emulgator *m*  
*f* émulsifiant *m* non ionique  
*p* emulgador *m* não-iônico
- 4360 non-ionic solubilizer**  
(Prod.)
- 4361 non-ionic surfactant**  
(Prod.)  
(Pharmaceutical technology; surface active agent showing a nonionic polar group capable of forming hydrogen bonds with water.)  
*d* nichtionisches Tensid *n*  
*f* tensioactif *m* non ionique  
*p* tensoativo *m* não-iônico
- 4362 non-ionic surfactants derived from C<sub>13</sub>C<sub>15</sub> oxo alcohol**  
(Prod.)  
(Pharmaceutical technology; products of pronounced surface activity.)  
*d* nichtionische Tenside *npl* auf Basis von C<sub>13</sub>C<sub>15</sub>-Oxoalkohol  
*f* tensioactifs *mpl* non ioniques à base d'alcool oxo C<sub>13</sub>C<sub>15</sub>  
*p* tensoativos *mpl* não iônicos à base de oxo alcool C<sub>13</sub>C<sub>15</sub>
- 4363 non-ionizable medicament**  
(Mol.)  
(Ref. to the eventual ionization phenomenon at the pH value in the blood plasma environment.)  
*d* nicht ionisierbares Arzneimittel *n*  
*f* médicament *m* non ionisable  
*p* medicamento *m* não ionisável
- 4364 non-ionized polar grouping**  
(Molecular biology; ion: atom/group of atoms carrying a negative electric charge due to the fact of having lost or gained one or more electrons.)  
*d* nicht ionisierte polare Gruppierung *f*  
*f* groupement *m* polaire non ionisé  
*p* grupamento *m* polare não ionizado
- 4365 non lipidic substrate**  
(Enz.)  
(Ref. to the substance on which an enzyme works.)  
*d* nicht-lipides Substrat *n*  
*f* substrat *m* non lipidique  
*p* substrato *m* não-lipídico
- 4366 nonmetal**  
(Mol.)  
(Molecular biology; "ionic bond; electrovalent bond" (see this entry) only occurs between a metal and a nonmetal.)

- d* Nichtmetall *n*  
*f* non-metal *m*  
*p* não metal *m*
- \* **nonmetal element** → 4058
- 4367 non-micronized form**  
 (Prod.)  
 (Pharmaceutical technology; product characteristic.)  
*d* nicht mikronisierte Form *f*  
*f* forme *f* non-micronisée  
*p* forma *f* não-micronizada
- 4368 nonnutritious sweetener; nonnutritive sweetener**  
 (Prod.)  
 (Pharmaceutical technology; e.g. synthetic sweeteners, aspartame, cyclamate, saccharine; e.g. in syrups, medicinal juices etc.)  
*d* nicht nährstoffhaltiges Süßungsmittel *n*  
*f* produit *m* suçant exempt de nutriments; édulcorant *m* exempt de nutriments  
*p* edulcorante *m* sem nutrientes
- \* **nonnutritive sweetener** → 4368
- 4369 nonpolar bond**  
 (Mol.)  
 (Molecular biology; same as: covalent bond; see this entry.)  
*d* unpolare Bindung *f*  
*f* liaison *f* non polaire  
*p* ligação *f* não-polar
- 4370 nonpolar molecule**  
 (Mol.)  
 (Molecules without a dipole, see entry: dipole.)  
*d* unpolares Molekül *n*  
*f* molécule *f* non polaire  
*p* molécula *f* não-polar
- 4371 nonpolar solvents**  
 (Prod.)  
 (Pharmaceutical technology; ref. to biochemical processes, reactions etc. Non-polar = covalent = electron-sharing bonds between atoms.)  
*d* unpolare Lösungsmittel *npl*  
*f* solvants *mpl* non polaires; solvants *mpl* homopolaires  
*p* solventes *mpl* não polares; solventes *mpl* homopolares
- 4372 nonpolypeptidic structure of the hormone**  
 (Horm.)  
 (Based on amino acid derivatives (e.g. catecholamines), or lipidic derivatives (e.g. prostaglandins, steroids).)  
*d* Nichtpolypeptidstruktur *f* des Hormones  
*f* structure *f* non polypeptidique de l'hormone  
*p* estrutura *f* não polipeptídica do hormônio
- 4373 non-proteic part of the holoproteine**  
 (Enz.)  
 (Enzymology. Ref. to its prosthetic group.)  
*d* nichtproteinhaltiger Teil *m* des Holoproteins  
*f* partie *f* non protéique de la holoprotéine  
*p* parte *f* não-protéica da holoproteína
- \* **nonreacted nicotinic acid** → 6584
- \* **nonsaponifiable part** → 6585
- 4374 non-specific action**  
 (Prod.)  
 (Pharmaceutical technology; ref. to medicamentous drugs having non specific effects as to their physico-chemical characteristics; specific effects depend on the actions of the active substances on cell receptors.)  
*d* unspezifische Wirkung *f*  
*f* action *f* non spécifique  
*p* ação *f* não específico
- 4375 non-specific sedative**  
 (Prod.)  
 (Pharmaceutical technology; certain trace elements, as lithium (Li), used in psychiatry.)  
*d* nicht spezifisches Sedativum *n*;  
 unspezifisches Beruhigungsmittel *n*  
*f* sédatif *m* non spécifique  
*p* sedativo *m* não específico
- 4376 nonsteroidal antirheumatic**  
 (Prod.)  
 (Pharmaceutical technology; ref. to a drug which is not derived from hormones of the suprarenal glands.)  
*d* nichtsteroidales Antirheumatikum *n*  
*f* médicament *m* antirheumatique non-stéroïde  
*p* anti-reumático *m* não-esteroidal
- 4377 non-stick tablet coating**  
 (Prod.)  
 (Pharmaceutical technology; ref. to tableting processes; effect to be obtained by the use of certain auxiliaries.)  
*d* nicht-verklebender Tablettenüberzug *m*  
*f* revêtement *m* de comprimés non agglutinant  
*p* revestimento *m* de comprimidos não aglutinante

- 4378 noradrenaline**  
(Horm.)  
(C<sub>8</sub>H<sub>11</sub>NO<sub>3</sub>; norepinephrine; e.g. neurotransmitter; a vasopressor hormone.)  
*d* Noradrenalin *n*  
*f* noradrénaline *f*  
*p* noradrenalina *f*
- 4379 noradrenaline with special affinity to alpha-receptors of the blood vessels**  
(Pharm.)  
(Vasoconstrictive reaction causing characteristic, under conditions of excitement.)  
*d* Noradrenalin *n* mit besonderer Affinität zu den alpha-Rezeptoren der Blutgefäße  
*f* noradrénaline *f* à une affinité spéciale avec des récepteurs alpha des vaisseaux sanguins  
*p* noradrenalina *f* com afinidade especial para alfareceptivos dos vasos sanguíneos
- 4380 normalization of capillary permeability and fortification of capillary vessels' resistance**  
(Pharm.)  
(In microcirculation: activity of certain medicaments in vein-insufficiency treatment.)  
*d* Normalisierung *f* der kapillaren Permiabilität und Stärkung *f* des Widerstandes der Kapillargefäße  
*f* normalisation *f* de la perméabilité capillaire et fortification *f* de la résistance des vaisseaux capillaires  
*p* normalização *f* da permeabilidade capilar e fortalecimento *m* da resistência dos vasos capilares
- 4381 normal pressure**  
(Prod.)  
(Pharmaceutical processes; ref. to processing activities.)  
*d* Normaldruck *m*  
*f* pression *f* normale  
*p* pressão *f* normal
- 4382 nose drops**  
(Prod.)  
(Pharmaceutical technology, a pharmaceutical form.)  
*d* Nasentropfen *mpl*  
*f* gouttes *fpl* nasales  
*p* gotas *fpl* nasais
- \* **not continuous pain** → 3572
- 4383 n-propanol solvent**  
(Prod.)  
(C<sub>3</sub>H<sub>8</sub>O; n-propyl alcohol; 1-propanol; auxiliary in pharmaceutical processes/production; a solvent in pharmaceutical technology.)  
*d* n-Propanol-Lösungsmittel *n*  
*f* n-propanol *m* solvant  
*p* solvente *m* de n-propanol
- 4384 nuclear cell membrane**  
(Cyt.)  
(Nuclear membrane: part of the inner cell structure, containing the nucleolus and chromatin.)  
*d* Zellkernmembrane *f*  
*f* membrane *f* nucléaire de la cellule  
*p* membrana *f* nuclear da célula; carioteca *f*
- 4385 nuclear chemistry**  
(Mol.)  
(Branch of chemistry concerned with the study of atom nuclei and nuclear reactions, employing chemical methods.)  
*d* Kernchemie *f*; Nuklearchemie *f*  
*f* chimie *f* nucléaire  
*p* química *f* nuclear
- 4386 nuclear magnetic resonance**  
(Prod.)  
(Pharmaceutical technology; analytical process.)  
*d* nukleare magnetische Resonanz *f*  
*f* résonance *f* magnétique nucléaire  
*p* ressonância *f* magnética nuclear
- 4387 nuclear sex diagnostics**  
(Cyt.)  
(Cytogenetics; ref. to investigation of nuclear sex chromatin.)  
*d* Kerngeschlechtsdiagnostik *f*  
*f* diagnostic *m* du sexe nucléaire  
*p* diagnóstico *m* do sexo nuclear
- 4388 nuclease**  
(Enz.)  
(Enzyme that hydrolyzes nucleic acids.)  
*d* Nuklease *f*  
*f* nucléase *f*  
*p* nuclease *f*
- 4389 nucleic acid synthesis**  
(Enz.)  
(Enzymology; promoted by the pentose cycle.)  
*d* Nukleinsäure-Synthese *f*  
*f* synthèse *f* de l'acide nucléique  
*p* síntese *f* do ácido nucléico

- 4390 nucleolus**  
(Cyt.)  
(RNA (for ribosome synthesis) containing spherical body within the cell nucleus.)  
*d* Nucleolum *n*; Zellkernkörperchen *n*  
*f* nucléole *m*  
*p* nucléolo *m*
- 4391 nucleon**  
(Mol.)  
(A proton or a neutron, subatomic particles, belonging to the atomic nucleus (see this entry).)  
*d* Nukleon *n*  
*f* nucléon *m*  
*p* núcleon *m*  
\* **nucleon number** → 3940
- 4392 nucleophilic reaction**  
(Mol.)  
(Chemical reaction, involving a molecule with high affinity for the nucleus.)  
*d* nukleophile Reaktion *f*  
*f* réaction *f* nucléophile  
*p* reação *f* nucleofilica
- 4393 nucleophilic substitution**  
(Mol.)  
(Chemical reaction, involving a molecule with high affinity for the nucleus for electron-sharing.)  
*d* nukleophile Substitution *f*  
*f* substitution *f* nucléophile  
*p* substituição *f* nucleofilica
- 4394 nucleoprotein**  
(Enz.)  
(Enzymology; classification criterion of this conjugated protein is its prosthetic group: nucleic acid.)  
*d* Zellkernprotein *n*  
*f* nucléoprotéine *f*  
*p* nucleoproteína *f*
- 4395 nucleoside**  
(Cyt.)  
(Organic compound of nitrogen-containing purine or pyrimidine base, in combination with ribose or desoxyribose; present in DNA or RNA.)  
*d* Nukleosid *n*  
*f* nucléoside *m*  
*p* nucleosídeo *m*
- 4396 nucleotide**  
(Cyt.)  
(Organic compound of nitrogen-containing purine or pyrimidine base: associated to a phosphate group; DNA and RNA are chains of nucleotides.)  
*d* Nukleotid *n*  
*f* nucléotide *m*  
*p* nucleotídeo *m*
- 4397 nucleotide sequences**  
(Cyt.)  
(Cytogenetics.)  
*d* Nukleotidsequenz *f*; Nukleotidreihenfolge *f*  
*f* séquence *f* nucléotidique; séquence *f* des nucléotides  
*p* seqüência *f* de nucleotídeos  
\* **nucleus of the atom** → 669
- 4398 nuclide**  
(Mol.)  
(Atom nucleus defined by its proton/neutron number.)  
*d* Nuklid *n*  
*f* nucléide *m*  
*p* nuclídeo *m*
- 4399 numeric constancy of chromosomes**  
(Cyt.)  
(Ref. to the fact that each species has its specific chromosome number.)  
*d* Unveränderlichkeit *f* der Chromosomenzahlen  
*f* constance *f* numérique des chromosomes  
*p* constância *f* numérica dos cromossomos
- 4400 nux vomica**  
(Phyto.)  
("Strychnus nux-vomica L." containing the medicamentous substance strychnine (see this entry), obtained from its seeds.)  
*d* Brechnuss *f*  
*f* noix *f* vomique  
*p* noz-vômica *f*
- 4401 nystatin**  
(Prod.)  
(Mycostatin; antibiotic; treatment of candidiasis.)  
*d* Nystatin *n*  
*f* nystatine *f*  
*p* nistatina *f*
- 4402 nystatin as an antibiotic of the polyenic group**  
(Ant.)  
(An antifungal antibiotic; polyene antibiotic (see this entry); treatment of candidiasis.)  
*d* Nistatin *n* als ein Antibiotikum der Polyengruppe  
*f* nystatine *f* comme antibiotique du groupe des polyènes  
*p* nistatina *f* como antibiótico do grupo poliênico

## O

- 4403 obstruction of the catabolism**  
(Med.)  
(Physiology; ref. to vitamin/enzyme biochemical processes.)  
*d* Blockierung *f* des Katabolismus  
*f* blocage *m* du catabolisme  
*p* bloqueio *m* do catabolismo
- 4404 occidental beriberi heart disease**  
(Vit.)  
(Vitamin B<sub>1</sub> deficiency disease due to excessive alcohol drinking.)  
*d* okzidentalische Beriberi-Herzkrankheit *f*  
*f* maladie *f* cardiaque béribérique occidentale  
*p* doença *f* cardíaca beribérica ocidental
- 4405 occupied molecular orbital; occupied orbital**  
(Mol.)  
(Pharmaceutical chemistry; occupied by electrons, see entry: molecular orbital.)  
*d* besetztes Molekülorbital *n*; besetztes Orbital *n*  
*f* orbitale *f* moléculaire occupée; orbitale *f* occupée  
*p* orbital *m* molecular ocupado; orbital *m* ocupado
- \* **occupied orbital** → **4405**
- 4406 occupied volume by a certain weight of powder**  
(Prod.)  
(Pharmaceutical technology; ref. to pharmaceutical powder production/powder characteristic: specific volume.)  
*d* besetztes Volumen *n* durch ein bestimmtes Pulvergewicht  
*f* volume *m* occupé par un poids déterminé de poudre  
*p* volume *m* ocupado por um peso determinado de pó
- \* **ocular administration of medicaments** → **4407**
- 4407 ocular administration of medicinal drugs; ocular administration of medicaments**  
(Med.)  
(Ref. to administering of a specific kind of medicine: to the eye.)  
*d* okuläre Arzneimittelverabreichung *f*;
- Arzneimittelverabreichung *f* in die Augen  
*f* administration *f* oculaire des médicaments  
*p* administração *f* ocular dos medicamentos
- 4408 ocular corticosteroid**  
(Horm.)  
(Active principle in ophthalmic suspensions.)  
*d* okulares Corticosteroid *n*  
*f* corticostéroïde *m* oculaire  
*p* corticostéroïde *m* ocular
- 4409 ocular corticosteroid can aggravate viral infections of the eye**  
(Pharm.)  
(See entry: use of corticosteroids concomitantly with an antimicrobial.)  
*d* okulares Corticosteroid *n* kann virale Infektionen des Auges verschlimmern  
*f* corticostéroïde *m* oculaire peut aggraver les infections virales de l'œil  
*p* corticostéroïde *m* ocular pode exacerbar infecções virais do olho
- 4410 odourless adj**  
(Prod.)  
(Pharmaceutical chemistry; product characteristic.)  
*d* geruchlos  
*f* inodore  
*p* inodoro
- 4411 oedema**  
(Med.)  
(Excessive fluid accumulation in skin tissue, due to vitamin B<sub>3</sub> deficiency.)  
*d* Ödem *n*; Wassersucht *f*  
*f* œdème *m*  
*p* edema *m*
- 4412 oesophageal; esophageal adj**  
(Med.)  
(E.g. medicinal drug administration through the oesophagus: the gullet, tube from the pharynx to the stomach.)  
*d* den Ösophagus betreffend; den Oesophagus betreffend; die Speiseröhre betreffend  
*f* œsophagien  
*p* esofágiano; esofágico
- 4413 oesophagus; esophagus**  
(Anat.)  
(Gullet; food passage from the mouth to the stomach.)  
*d* Speiseröhre *f*  
*f* œsophage *m*  
*p* esôfago *m*
- \* **oestrogens: hormones of the ovary** → **4414**

- 4414 oestrogens: ovarian hormones; oestrogens: hormones of the ovary**  
(Horm.)  
(Ovary: female sex hormones producing reproductive organ.)
- d* Östrogene *npl*: Eierstockhormone *npl*;  
Östrogene *npl*: Hormone *npl* des Ovariums  
*f* œstrogènes *mpl*: hormones *fp* ovariennes;  
estrogènes *mpl*: hormones *fp* de l'ovaire  
*p* estrógenos *mpl*: hormônios *mpl* do ovário
- 4415 off-white powder**  
(Vit.)  
(Pharmaceutical technology; e.g. aspect of certain vitamins.)
- d* beinahe weißes Pulver *n*  
*f* poudre *f* presque blanche  
*p* pó *m* quase branco
- 4416 oil-based vitamin injectable**  
(Vit.)  
(Vitamin technology; ref. to production of pharmaceutical vitamin preparations.)
- d* öliges Vitamin-Injektionspräparat *n*  
*f* préparation *f* injectable vitaminique basée sur l'huile  
*p* preparação *f* injetável vitamínica baseada em óleo; preparação *f* injetável oleosa de vitamina
- 4417 oil component**  
(Prod.)  
(Pharmaceutical technology; substance type.)
- d* Ölkomponente *f*  
*f* composant *m* huileux  
*p* componente *m* oleoso
- 4418 oil-in-water emulsion; o/w emulsion**  
(Prod.)  
(Pharmaceutical chemistry; structure-type of emulsions; the other one is water-in-oil emulsion; w/o emulsion.)
- d* Öl-in-Wasser Emulsion *f*; Öl/Wasser Emulsion *f*; Ö/W Emulsion *f*  
*f* émulsion *f* huile dans l'eau; émulsion *f* H/E  
*p* emulsão *f* óleo em água; emulsão *f* o/a
- 4419 oil vitamin-carrier**  
(Vit.)  
(Peanut oil for oily vitamin blends: vitamin processing.)
- d* Öl-Vitaminträger *m*  
*f* support *m* vitaminique huileux  
*p* veículo *m* vitamínico de óleo
- 4420 oil/water emulsifier; o/w emulsifier**  
(Prod.)  
(Auxiliary in pharmaceutical
- processes/production.)
- d* Öl-in-Wasser-Emulgator *m*  
*f* émulsifiant *m* huile dans l'eau  
*p* emulgador *m* óleo/água
- 4421 oily adj**  
(Prod.)  
(Pharmaceutical technology; product characteristic.)
- d* ölig  
*f* huileux  
*p* oleoso
- 4422 oily dispersion**  
(Vit.)  
(E.g. beta-carotene.)
- d* ölige Dispersion *f*  
*f* dispersion *f* à huile; dispersion *f* du type huileux  
*p* dispersão *f* oleosa; dispersão *f* à base de óleo
- 4423 oily medicamentous solute**  
(Prod.)  
(Pharmaceutical chemistry; medicamentous preparation obtained by dissolution of one or more substances within a solvent, (in this case: oil).)
- d* ölige medikamentöse gelöste Stoffmenge *f*  
*f* soluté *m* huileux médicamenteux  
*p* soluto *m* medicamentoso oleoso
- 4424 oily solution for soft gelatin[e] capsules**  
(Vit.)  
(Vitamin technology; ref. to the elaboration of a liquid drug form.)
- d* ölige Lösung *f* für Gelatineweichkapseln  
*f* solution *f* huileuse pour des capsules de gélatine molle  
*p* solução *f* oleosa para cápsulas moles de gelatina
- 4425 oily vitamin A concentrates**  
(Vit.)  
(Vitamin technology; vitamin A form for application in foodstuff fortification.)
- d* ölige Vitamin A-Konzentrate *npl*  
*f* concentrés *mpl* huileux de la vitamine A; produits *mpl* concentrés huileux de la vitamine A  
*p* concentrados *mpl* oleosos de vitamina A
- 4426 oily vitamin injectables**  
(Vit.)  
(Vitamin technology; a vitamin form.)
- d* ölige Vitamin-Injektionsprodukte *npl*  
*f* produits *mpl* vitaminiques huileux injectables  
*p* produtos *mpl* vitamínicos oleosos injetáveis

- 4427 ointment**  
(Prod.)  
(Ref. to pharmaceutical technology;  
pharmaceutical form.)  
*d* Salbe *f*  
*f* pommade *f*  
*p* pomada *f*
- 4428 ointment preparation for cutaneous application**  
(Prod.)  
(Pharmaceutical chemistry; skin treatment  
preparation e.g. on basis of medicinal oils.)  
*d* Haut-Einsalbungspräparat *n*  
*f* préparation *f* d'onction cutanée  
*p* preparação *f* de untura cutânea
- 4429 oligosaccharide**  
(Prod.)  
(A saccharide, a carbohydrate)  
*d* Oligosaccharid *n*  
*f* oligosaccharide *m*  
*p* oligossacarídeo *m*
- 4430 olive oil**  
(Phyto.)  
(Source of medicinal oils.)  
*d* Olivenöl *n*  
*f* huile *f* d'olive  
*p* azeite *m*
- 4431 omega 6-fatty acids**  
(Vit.)  
(Vitamin technology; formerly vitamin *f*:  
polyunsaturated fatty acids. A mixture of  
these acids as: linoleic acid (C<sub>18</sub>H<sub>32</sub>O<sub>2</sub>),  
linolenic acid (C<sub>18</sub>H<sub>30</sub>O<sub>2</sub>) and arachidonic acid  
(C<sub>20</sub>H<sub>32</sub>O<sub>2</sub>)).  
*d* Omega 6-Fettsäuren *fpl*  
*f* acides *mpl* gras ômega 6  
*p* ácido *m* graxos ômega 6
- 4432 operational specificity**  
(Enz.)  
(Vitamin/enzyme characteristic, ref. to the  
specificity of an enzyme/a vitamin.)  
*d* operationale Spezifität *f*  
*f* spécificité *f* opérationnelle  
*p* especificidade *f* operacional
- 4433 operations of pharmaceutical controls**  
(Prod.)  
(Pharmaceutical technology; controls to avoid  
drug modification during production  
processes and storage.)  
*d* pharmazeutische Kontrollverfahren *npl*  
*f* opérations *fpl* de contrôles pharmaceutiques  
*p* operações *fpl* de controles farmacêuticos
- 4434 operator gene**  
(Cyt.)  
(Operator, a binding site in a DNA chain.)  
*d* Operatorgen *n*  
*f* gène *m* opérateur  
*p* gene *m* operador
- 4435 ophthalmia**  
(Med.)  
(Eye inflammation, inflammation of the  
conjunctiva (conjunctivitis); treatment by eye  
drops; see this entry.)  
*d* Augenentzündung *f*  
*f* ophtalmie *f*  
*p* oftalmia *f*
- 4436 ophthalmic application**  
(Prod.)  
(Pharmaceutical technology; characteristic of  
certain pharmaceutical forms for eye disease  
treatment.)  
*d* ophthalmische Anwendung *f*; Anwendung *f* in  
der Augenheilkunde  
*f* application *f* ophtalmique  
*p* aplicação *f* oftálmica
- 4437 ophthalmic atropine sulphate solution**  
(Prod.)  
(Pharmaceutical technology;  
ophthalmological treatment e.g. an atropine  
sulphate solution (C<sub>17</sub>H<sub>23</sub>NO<sub>3</sub>)<sub>2</sub>.H<sub>2</sub>SO<sub>4</sub>.H<sub>2</sub>O, a  
mydriatic (pupil dilation).)  
*d* ophthalmische Atropinsulfat-Lösung *f*  
*f* solution *f* ophtalmique de sulfate de l'atropine  
*p* solução *f* oftálmica de sulfato de atropina
- 4438 ophthalmic drug**  
(Prod.)  
(Drug of the branch of ophthalmology:  
studies and treatment of the eyes.)  
*d* ophthalmisches Medikament *n*;  
Arzneimittel *n* der Augenheilkunde  
*f* médicament *m* ophtalmique  
*p* medicamento *m* oftálmico
- 4439 ophthalmic solution**  
(Prod.)  
(Pharmaceutical technology; product of the  
medical branch of ophthalmology (diseases of  
the eye).)  
*d* ophthalmische Lösung *f*  
*f* solution *f* ophtalmique  
*p* solução *f* oftálmica
- 4440 ophthalmic suspension**  
(Prod.)  
(Pharmaceutical technology; a pharmaceutical  
presentation form in ophthalmology.)



- d* ophthalmische Suspension *f*  
*f* suspension *f* ophthalmique  
*p* suspensão *f* oftálmica
- 4441 ophthalmic topical solution for application in the anterior eye segment**  
 (Ant.)  
 (Ref. to the action of antibiotic eye drops.)  
*d* ophthalmische örtlich wirkende Lösung *f* für die Anwendung in dem vorderen Augensegment  
*f* solution *f* ophthalmique topique antibiotique pour l'application dans le segment antérieur de l'œil  
*p* solução *f* oftálmica tópica para uso no segmento anterior do olho
- 4442 ophthalmic use**  
 (Pharm.)  
 (Ref. to treatment of the eyes.)  
*d* ophthalmischer Gebrauch *m*  
*f* usage *m* ophthalmique  
*p* uso *m* oftálmico
- 4443 ophthalmological adj**  
 (Med.)  
 (ref. to ophthalmology)  
*d* ophthalmologisch, augenheilkundlich  
*f* ophthalmologique  
*p* oftalmológico
- 4444 ophthalmology**  
 (Med.)  
 (Medicinal branch of treatment of eye diseases.)  
*d* Ophthalmologie *f*; Augenheilkunde *f*  
*f* ophthalmologie *f*  
*p* oftalmologia *f*
- 4445 opiate**  
 (Phyto.)  
 (Pharmaceutical technology; ref. to (pain relieving) drugs derived from opium (Papaver somniferum).)  
*d* Opiat *n*  
*f* médicament *m* opiacé  
*p* medicamento *m* opiáceo
- 4446 opiate receptor**  
 (Anat.)  
 (Binding site in the body for strong analgesics of the type of opiates, morphine.)  
*d* Opiatrezeptor *m*  
*f* récepteur *m* opiacé  
*p* receptor *m* opiáceo
- 4447 opiates have a centrally calming effect**  
 (Pharm.)  
 (Opium derivative; medicamentous substances; e.g. codeine, morphine, papaverine, see these entries.)  
*d* Opiate *npl* wirken zentral beruhigend  
*f* opiates *mpl* ont un effet central calmant  
*p* opiatos *mpl* possuem um efeito acalmante central
- 4448 opium**  
 (Phyto.)  
 (Obtained from the unripe capsules of: "Papaver somniferum L." (German: der Schlafmohn). Medicamentous substance due to its morphine content; narcotic, analgesic; see entries.)  
*d* Opium *n*  
*f* opium *m*  
*p* ópio *m*
- 4449 opium emplastrum**  
 (Phyto.)  
 (Pharmaceutical technology; pharmaceutical form (Papaver somniferum L.) for cutaneous application (application on the skin); counterirritant effect; anaesthetic.)  
*d* Opium-Heilpflaster *n*  
*f* emplâtre *m* d'opium  
*p* emplastro *m* de ópio
- 4450 optical activity**  
 (Prod.)  
 (Pharmaceutical technology; ref. to substance behaviour and light polarization.)  
*d* optische Aktivität *f*  
*f* activité *f* optique  
*p* atividade *f* ótica
- 4451 optically active adj**  
 (Prod.)  
 (Pharmaceutical technology; ref. to optical polarization.)  
*d* optisch aktiv; optisch wirksam  
*f* optiquement actif  
*p* óticamente ativo
- 4452 optically active biotin**  
 (Vit.)  
 (Vitamin biochemistry, ref. to vitamin H.)  
*d* optisch aktives Biotin *n*  
*f* biotine *f* optiquement active  
*p* biotina *f* óticamente ativa
- 4453 optic nerve**  
 (Anat.)  
 (Ref. to eye structure; conducts the visual stimuli to the brain.)  
*d* Sehnerv *m*

- f* nerf *m* optique  
*p* nervo *m* ótico
- 4454 optimal amount**  
(Prod.)  
(Pharmaceutical technology; e.g. ref. to drug intake.)  
*d* optimale Menge *f*  
*f* quantité *f* optimale  
*p* quantidade *f* ótima
- 4455 optimal pH value for chemical or physical stability**  
(Prod.)  
(Pharmaceutical chemistry.)  
*d* optimaler pH Wert *m* für chemische oder physikalische Stabilität  
*f* valeur *f* pH optimale pour stabilité chimique ou physique  
*p* valor de pH ótimo para a estabilidade química ou física
- 4456 optimization of chemical stability**  
(Prod.)  
(Pharmaceutical chemistry.)  
*d* Optimierung *f* der chemischen Stabilität  
*f* optimisation *f* de stabilité chimique  
*p* otimização *f* da estabilidade química
- 4457 optimization of the molecular activity**  
(Mol.)  
(Ref. to eventual alterations of the molecule.)  
*d* Optimierung *f* der Molekülaktivität  
*f* optimisation *f* d'activité moléculaire  
*p* otimização *f* da atividade molecular
- 4458 optimum effect**  
(Prod.)  
(Pharmaceutical technology; in research, formulations, ref. e.g. to active principles: to reach the most favourable degree or condition.)  
*d* optimaler Effekt *m*; optimale Wirkung *f*  
*f* effet *m* optimum  
*p* efeito *m* ótimo
- 4459 optimum effect of a sulphonamide-trimethoprim combination**  
(Ant.)  
(To reach the most favourable degree of efficiency against a great variety of germs.)  
*d* optimaler Wirkungserfolg *m* einer Sulfonamid-Trimethoprim-Kombination *f*  
*f* effet *m* optimum d'une combinaison sulfonamide-triméthoprime  
*p* efeito *m* ótimo de uma combinação sulfonamida-trimetoprima
- 4460 optimum plasmatic concentration of the vitamin**  
(Vit.)  
(Vitamin physiology.)  
*d* optimale Plasma-Konzentration *f* des Vitamins  
*f* optimum concentration *f* plasmatique de la vitamine  
*p* concentração *f* plasmática ótima da vitamina
- 4461 optimum solvent quantity**  
(Prod.)  
(Auxiliary in pharmaceutical technology: ref. to tablet-production method, tableting process.)  
*d* optimale Lösungsmittelmenge *f*  
*f* quantité *f* optimum d'un solvant  
*p* quantidade *f* ótima de solvente
- 4462 oral administering of a pharmaceutical form**  
(Med.)  
(Way of administering a pharmaceutical form; see entry.)  
*d* orale Verabreichungsart *f* einer pharmazeutischen Form  
*f* voie *f* orale d'administration d'une forme pharmaceutique; voie *f* buccale d'administration d'une forme pharmaceutique  
*p* modo *m* oral de ministrar uma forma farmacêutica
- 4463 oral administration**  
(Prod.)  
(Pharmaceutical technology, e.g. characteristic of certain types of administration of pharmaceutical forms.)  
*d* orale Verabreichung *f*; Verabreichung *f* durch den Mund  
*f* administration *f* par voie orale  
*p* administração *f* oral
- 4464 oral administration of thiamin[e]**  
(Vit.)  
(Vitamin B<sub>1</sub> application against beriberi syndromes.)  
*d* mündliche Verabreichung *f* von Thiamin  
*f* administration *f* orale de la thiamine  
*p* administração *f* oral da tiamina
- 4465 oral antidiabetic**  
(Prod.)  
(E.g. metformin tablets in diabetes mellitus; N,N-dimethyldiguanide; C<sub>4</sub>H<sub>11</sub>N<sub>5</sub>.)  
*d* orale Antidiabetikum *n*; antidiabetisches mündlich einzunehmendes Mittel *n*  
*f* agent *m* antidiabétique oral  
*p* agente *m* antidiabético de uso oral

- 4466 oral bioavailability**  
(Pharm.)  
(E.g. ref. to studies of pharmaceutical and chemical substances and their characteristics; oral: by mouth.)  
*d* orale Bioverfügbarkeit *f*  
*f* biodisponibilité *f* orale  
*p* biodisponibilidade *f* oral  
(Pharmaceutical technology, pharmaceutical form.)  
*d* orale Lösung *f*; durch den Mund zu verabreichende Lösung *f*  
*f* solution *f* orale; solution *f* à prendre par voie buccale  
*p* solução *f* oral
- 4467 oral bioavailability of the active substance**  
(Prod.)  
(Pharmaceutical technology; product characteristic.)  
*d* orale Wirkstoffbioverfügbarkeit *f*; orale Biodisponibilität *f* des Wirkstoffes  
*f* biodisponibilité *f* orale du principe actif  
*p* biodisponibilidade *f* oral da substância ativa
- 4468 oral drops**  
(Prod.)  
(Pharmaceutical technology, a pharmaceutical form.)  
*d* orale Tropfen *mpl*  
*f* gouttes *fpl* orales  
*p* gotas *fpl* orais
- 4469 oral drug administration for general medicinal treatment**  
(Med.)  
(Ref. to oral drug application.)  
*d* mündliche Arzneimittelverabreichung *f* für medizinische Allgemeinbehandlung  
*f* administration *f* orale d'un médicament pour traitement médicamenteux général; administration *f* buccale d'un médicament pour traitement médicamenteux général  
*p* administração *f* oral de um medicamento no tratamento medicamentoso geral
- 4470 orally active hormone derivatives**  
(Horm.)  
(Synthetic hormone products administered by mouth.)  
*d* oral wirksame Hormonderivate *npl*; mündlich wirksame Hormonderivate *npl*  
*f* dérivés *mpl* hormonaux actifs oralement  
*p* derivados *mpl* hormonais oralmente ativos
- 4471 oral penicillin**  
(Ant.)  
(Pharmaceutical penicillin form for oral administration.)  
*d* Oralpenicillin *n*  
*f* pénicilline *f* orale  
*p* penicilina *f* oral
- 4472 oral solution**  
(Prod.)  
(Pharmaceutical technology, pharmaceutical form.)  
*d* orale Suspensionen *fpl*  
*f* suspensions *fpl* orales  
*p* suspensões *fpl* orais
- 4473 oral suspensions**  
(Prod.)  
(Pharmaceutical technology, pharmaceutical form.)  
*d* orale Suspensionen *fpl*  
*f* suspensions *fpl* orales  
*p* suspensões *fpl* orais
- 4474 oral vaccine on the basis of proteinaceous antigens**  
(Prod.)  
(Pharmaceutical technology; ref. to stimulation of the immune system.)  
*d* oraler Impfstoff *m* auf der Basis von proteinhaltigen Antigenen  
*f* vaccin *m* oral à base d'antigènes protéiques  
*p* vacina *f* oral à base de antígenos protéicos
- 4475 oral vitamin powder**  
(Vit.)  
(Vitamin technology; pharmaceutical vitamin form.)  
*d* Oralvitaminpulver *n*; oral zu verabreichendes Vitaminpulver *n*  
*f* poudre *f* vitaminique orale; poudre *f* vitaminique pour l'administration orale  
*p* pó *m* oral de vitaminas; pó *m* de vitaminas a ser ministrado oralmente
- 4476 oral vitamin preparation**  
(Vit.)  
(Pharmaceutical technology, characteristic of certain pharmaceutical forms.)  
*d* Oralvitaminpräparat *n*  
*f* preparado *m* vitaminique oral  
*p* preparado *m* oral de vitaminas
- 4477 oral vitamin solution**  
(Vit.)  
(Pharmaceutical form of a vitamin product.)  
*d* orale Vitaminlösung *f*; mündlich einzunehmende Vitaminlösung *f*  
*f* solution *f* orale vitaminique  
*p* solução *f* oral de vitaminas
- 4478 orbital electron**  
(Mol.)  
(Ref. to the structure of an atom: atomic nucleus and an electron cloud; ref. to the localization of an electron.)

- d* Hüllenelektron *n*  
*f* électron *m* orbital  
*p* elétron *m* orbital
- 4479 orbital quantum number; azimuthal quantum number**  
 (Mol.)  
 (Subschell  $s = 0$ ;  $p = 1$ ;  $d = 2$ ;  $f = 3$ .)  
*d* Orbitalquantenzahl *f*; azimutale Quantenzahl *f*  
*f* nombre *m* quantique secondaire; nombre *m* quantique azimutal  
*p* número *m* quântico secundário; número *m* quântico azimutal
- 4480 orchid; salep**  
 (Phyto.)  
 (Salep refers to the starchy dried tubers of orchids genus "Orchis, Orchidaceae" (starch). Portuguese: both names mean the plant and the starch. Demulcent (soothing agent for the mucous membranes), vehicle for active principles.)  
*d* Knabenkraut *n*; Salep *m*  
*f* orchis *m*; salep *m*  
*p* satirião *m*; salepo *m*
- 4481 order**  
 (Enz.)  
 (Biotechnology; flora/fauna: Classification of living organisms; taxonomy: a group of similar families build an order; a group of similar orders build a class.)  
*d* Ordnung *f*  
*f* ordre *m*  
*p* ordem *f*
- \* **ordinary tablet** → 1455
- 4482 organic acids produced by biological means**  
 (Enz.)  
 (Biotechnology as applied biological science aimed at industrial exploitation.)  
*d* organische Säuren *fpl* auf biologischem Wege erzeugt  
*f* acides *mpl* organiques produits par des voies biologiques  
*p* ácidos *mpl* orgânicos produzidos por meios biológicos
- 4483 organic auxiliary product for preliminary operation before compression**  
 (Prod.)  
 (Pharmaceutical processes; ref. to tablet production; see entry: tablet: a pharmaceutical preparation of solid consistency.)  
*d* organisches Hilfsprodukt *n* zum vorbereitenden Verfahren vor der Verpressung
- f* produit *m* auxiliaire organique pour le processus préliminaire à la compression  
*p* substância *f* auxiliar orgânica para a operação preliminar à compressão
- 4484 organic chemistry**  
 (Prod.)  
 (Branch of chemistry dealing with carbon compounds.)  
*d* organische Chemie *f*  
*f* chimie *f* organique  
*p* química *f* orgânica
- 4485 organic film-coating solvent for tableting**  
 (Prod.)  
 (Pharmaceutical technology, auxiliary in tablet production.)  
*d* organisches Lösungsmittel *n* für Dünnschichtüberziehung in der Tablettierung  
*f* solvant *m* organique pour le revêtement par pellicule dans la fabrication de comprimés  
*p* solvente *m* orgânico para revestimento por película na compressão de comprimidos
- 4486 organic materials**  
 (Enz.)  
 (Ref. to living organisms in biological science.)  
*d* organische Materiale *npl*  
*f* matières *fpl* organiques  
*p* matérias *fpl* orgânicas
- 4487 organic solvent**  
 (Prod.)  
 (Pharmaceutical technology; e.g. isopropyl alcohol (C<sub>3</sub>H<sub>8</sub>O); an auxiliary.)  
*d* organisches Lösungsmittel *n*  
*f* solvant *m* organique  
*p* solvente *m* orgânico
- 4488 organic synthesis proceeding from biomass**  
 (Prod.)  
 (Biotechnology; biochemical elaboration of products aimed at industrial exploitation.)  
*d* organische, von der Biomasse ausgehende Synthese *f*  
*f* synthèse *f* organique à partir de la biomasse  
*p* síntese *f* orgânica a partir da biomassa
- 4489 organoleptic properties of an essence**  
 (Phyto.)  
 (In this specific case referring to odour/taste-related qualities of the essence.)  
*d* organoleptische Eigenschaften *fpl* einer Essenz  
*f* propriétés *fpl* organoleptiques d'une essence  
*p* propriedades *fpl* organolépticas de uma essência

- 4490 organoleptic properties of vitamins**  
(Vit.)  
(Vitamin technology in production of pharmaceutical drug forms; ref. to unpleasant vitamin taste and -odour)
- d* organoleptische Eigenschaften *fpl* der Vitamine  
*f* caractéristiques *fpl* organoleptiques des vitamines  
*p* características *fpl* organolé[p]ticas das vitaminas
- 4491 orientation; arrangement; alignment**  
(Mol.)  
(See entry: thermodependent polarization of orientation.)
- d* Orientierung *f*; Ausrichtung *f*  
*f* orientation *f*; arrangement *m*; alignement *m*  
*p* orientação *f*; coordenação *f*; alinhamento *m*
- 4492 original hormone**  
(Horm.)  
(Ref. to the natural hormone, having not yet undergone any chemical process e.g. in structure; opposite: synthetic- and substitutive hormones.)
- d* Ursprungshormon *n*  
*f* hormone *f* originale  
*p* hormônio *m* original
- 4493 original molecule**  
(Prod.)  
(Pharmaceutical chemistry; a molecule which has not been modified by pharmacomodulation, e.g. for improvement of its properties.)
- d* ursprüngliches Molekül *n*; Originalmolekül *n*  
*f* molecule *f* originale  
*p* molécula *f* original
- 4494 orotic acid**  
(Vit.)  
(Vitamin technology; C<sub>5</sub>H<sub>4</sub>N<sub>2</sub>O<sub>4</sub>; uracil-4-carboxylic acid; formerly vitamin B<sub>13</sub>; still being used in some vitamin preparations.)
- d* Orotsäure *f*  
*f* acide *m* orotique  
*p* ácido *m* orótico
- 4495 orphenadrine**  
(Prod.)  
(C<sub>18</sub>H<sub>23</sub>NO; medicamentous substance; antispasmodic; antihistaminic; see entries: antispasmodic; spasmolytic and antiallergic remedy.)
- d* Orphenadrin *n*  
*f* orphénadrine *f*  
*p* orfenadrina *f*
- \* **orris** → 3673
- 4496 osmolarity**  
(Prod.)  
(Pharmaceutical chemistry; ref. to the concentration of an osmotic solution; see also entry: osmosis.)
- d* Osmolarität *f*  
*f* osmolarité *f*  
*p* osmolaridade *f*
- 4497 osmosis**  
(Prod.)  
(Pharmaceutical processes; passage of a liquid from a less concentrated to a more concentrated solution through a semipermeable membrane; important in the body ref. to water distribution process.)
- d* Osmose *f*  
*f* osmose *f*  
*p* osmose *f*
- 4498 osmotically active diuretic**  
(Prod.)  
(Pharmaceutical technology; e.g. sorbitol (C<sub>6</sub>H<sub>14</sub>O<sub>6</sub>); for special use e.g. in kidney failure.)
- d* osmotisch wirksames Diuretikum *n*  
*f* diurétique *m* à action osmotique  
*p* diurético *m* de ação osmótica
- 4499 osmotic pressure**  
(Prod.)  
(Pharmaceutical chemistry; pressure of the passage of water into a solution through a semipermeable membrane; high solution concentration = high osmotic pressure.)
- d* osmotischer Druck *m*  
*f* pression *f* osmotique  
*p* pressão *f* osmótica
- 4500 osmotic pressure determination**  
(Prod.)  
(Pharmaceutical technology; osmotic pressure. Ref. to (German): Theorie von J.H. Van 't Hoff (1886) und Van 't Hoff'sches Gesetz. Osmotic pressure depends on the particle concentration in the solution.)
- d* Bestimmung *f* des osmotischen Druckes  
*f* détermination *f* de la pression osmotique  
*p* determinação *f* da pressão osmótica
- 4501 osmotic pressure in cellular environment**  
(Med.)  
(Ref. to trace element activity within the body.)
- d* osmotischer Druck *m* im Zellenbereich

- f* pression *f* osmotique du milieu cellulaire  
*p* pressão *f* osmótica do ambiente celular;  
 pressão *f* osmótica ao nível celular
- 4502 osmotic pressure of solutions**  
 (Prod.)  
 (Pharmaceutical chemistry.)  
*d* osmotischer Druck *m* von Lösungen  
*f* pression *f* osmotique des solutions  
*p* pressão *f* osmótica das soluções
- 4503 osmotic shock**  
 (Med.)  
 (Rapid osmotic pressure change, affecting anatomical structures.)  
*d* osmotischer Schock *m*  
*f* choc *m* osmotique  
*p* choque *m* osmótico
- 4504 other noteworthy pharmacological properties**  
 (Prod.)  
 (Pharmaceutical technology; ref. to product characteristics.)  
*d* weitere bemerkenswerte pharmakologische Eigenschaften *fppl*  
*f* autres propriétés *fppl* pharmacologiques notables  
*p* outras propriedades *fppl* farmacológicas notáveis
- 4505 otic drug**  
 (Prod.)  
 (Medicament for ear diseases.)  
*d* ohrenärztliche Medizin *f*  
*f* médicament *m* otique  
*p* medicamento *m* ótico
- 4506 O<sub>2</sub>-transport protein**  
 (Enz.)  
 (Ref. to O<sub>2</sub> (dioxygen) transport.)  
*d* O<sub>2</sub>-Transport-Protein *n*  
*f* protéine *f* de transport du O<sub>2</sub>  
*p* proteína *f* de transporte do O<sub>2</sub>
- 4507 outline v a biochemical reaction**  
 (Enz.)  
 (Defining the limits of a reaction/process etc.)  
*d* eine biochemische Reaktion umreißen; eine biochemische Reaktion abstecken  
*f* jalonner une réaction biochimique; marquer les limites d'une réaction biochimique  
*p* delimitar uma reação bioquímica
- 4508 oval; egg-shaped**  
 (Prod.)  
 (Pharmaceutical technology; ref. to an medicament having the shape of an egg, e.g.
- ovules.)  
*d* eiförmig  
*f* ovoïde  
*p* ovóide; oviforme; oval
- 4509 ovarian hormones**  
 (Horm.)  
 (Hormones produced by the ovary: estrogen; progesterone.)  
*d* Ovarialhormone *npl*; vom Eierstock gebildete Hormone *npl*  
*f* hormones *fppl* ovariennes  
*p* hormônios *mpl* do ovário
- 4510 ovarian secretion of estradiol**  
 (Horm.)  
 (C<sub>18</sub>H<sub>24</sub>O<sub>2</sub>; estrogenic hormone.)  
*d* Eierstock-Sekretion *f* von Östradiol  
*f* sécrétion *f* ovarienne d'estradiol; sécrétion *f* ovarienne d'estradiol  
*p* secreção *f* ovariana do estradiol
- 4511 over-consolidated test**  
 (Prod.)  
 (Pharmaceutical technology.)  
*d* überkonsolidierter Test *m*  
*f* essai *m* surconsolidé  
*p* teste *m* superconsolidado
- 4512 overdosage; excess dosage**  
 (Prod.)  
 (Pharmaceutical technology; ref. to the dosing process in the production of pharmaceutical forms.)  
*d* Überdosierung *f*  
*f* surdosage *m*; dosage *m* excessif; dosage *m* en surplus  
*p* superdosagem *f*; dosagem *f* excedente
- \* **overdose** → 2467
- 4513 overheated steam**  
 (Prod.)  
 (Pharmaceutical processes; ref. to steam in sterilization processes; see entry: heat-sterilization.)  
*d* überhitzter Wasserdampf *m*  
*f* vapeur *f* d'eau surchauffée  
*p* vapor *m* de água superaquecido; vapor *m* de água sobreaquecido
- 4514 overheating**  
 (Prod.)  
 (Pharmaceutical processes; ref. to steam in sterilization processes; see entry: heat-sterilization. State of a liquid heated above its boiling temperature without vaporization.)  
*d* Übererhitzung *f*

- f* surchauffe *f*  
*p* superaquecimento *m*
- 4515 overheating of the excipient**  
 (Prod.)  
 (Pharmaceutical chemistry.)  
*d* Übererhitzung *f* der Trägersubstanz  
*f* surchauffe *f* de l'excipient  
*p* superaquecimento *m* do excipiente
- 4516 ovulation**  
 (Horm.)  
 (Ovulation is promoted by the LH.)  
*d* Ovulation *f*, Eisprung *m*; Follikelsprung *m*  
*f* ovulation *f*  
*p* ovulação *f*
- 4517 ovulation inhibitor**  
 (Horm.)  
 (Contraceptive measure: ovulation inhibition by synthetic hormones: gestagens/estrogens.)  
*d* Ovulationshemmer *m*; Hemmer *m* des Eisprungs  
*f* inhibiteur *m* de l'ovulation  
*p* inibidor *m* da ovulação
- 4518 ovule**  
 (Prod.)  
 (Pharmaceutical technology; medicinal ovules for treatment of the vaginal mucosa.)  
*d* Ovulum *n*  
*f* ovule *m*  
*p* óvulo *m*
- 4519 ovules on basis of gelatin[e]-glycerin**  
 (Prod.)  
 (Pharmaceutical technology; medicinal ovules for treatment of the vaginal mucosa.)  
*d* Ovula *npl* auf Basis von Gelatine-Glycerin  
*f* ovules *mpl* à base de gélatine-glycérine  
*p* óvulos *mpl* à base de gelatina-glicerina
- \* **o/w emulsifier** → 4420
- \* **o/w emulsion** → 4418
- 4520 oxalic acid**  
 (Vit.)  
 (C<sub>2</sub>H<sub>2</sub>O<sub>4</sub>·2H<sub>2</sub>O; ethanedioic acid; ascorbic acid (vitamin C)-oxidation product.)  
*d* Oxalsäure *f*  
*f* acide *m* oxalique  
*p* ácido *m* oxálico
- 4521 oxaloacetate**  
 (Enz.)  
 (Enzymology; a salt or ester of oxaloacetic acid (C<sub>4</sub>H<sub>4</sub>O<sub>5</sub>); ref. to the Krebs-cycle.)
- d* Oxalacetat *n*  
*f* oxalo-acétate *m*  
*p* acetato *m* oxálico
- 4522 oxaloacetic acid**  
 (Enz.)  
 (C<sub>4</sub>H<sub>4</sub>O<sub>5</sub>; oxalacetic acid; ref. to Krebs-cycle; carbohydrate metabolism etc.)  
*d* Oxalessigsäure *f*; Oxobernsteinsäure *f*  
*f* acide *m* oxaloacétique  
*p* ácido *m* oxaloacético
- 4523 oxidase**  
 (Enz.)  
 (Oxydation catalyzing enzymes.)  
*d* Oxidase *f*  
*f* oxydase *f*  
*p* oxidase *f*
- \* **β-oxidation** → 793
- 4524 oxidation enzyme**  
 (Enz.)  
 (Enzymology.)  
*d* oxidatives Enzym *n*  
*f* enzyme *m* oxydatif  
*p* enzima *f* oxidativa
- 4525 oxidation of the vitamin; vitamin oxidation**  
 (Vit.)  
 (Ref. to vitamin biochemistry; vitamin characteristics.)  
*d* Oxidation *f* des Vitamins; Vitaminoxidation *f*  
*f* oxydation *f* de la vitamine  
*p* oxidação *f* da vitamina
- 4526 oxidation product**  
 (Prod.)  
 (Pharmaceutical technology; may occur due to chemical interaction of substances.)  
*d* Oxidationsprodukt *n*  
*f* produit *m* de l'oxidation  
*p* produto *m* de oxidação
- 4527 oxidation-reduction**  
 (Enz.)  
 (Redox-process: Electron transfer from one atom/molecule to another one.)  
*d* Oxidation-Reduktion *f*  
*f* oxydoréduction *f*  
*p* óxido-redução *f*
- 4528 oxidation-reduction-equilibrium**  
 (Enz.)  
 (Ref. to the redox-process: electron transfer from one atom/molecule to another one.)  
*d* Oxidations-Reduktions-Gleichgewicht *n*

- f* équilibre *m* d'oxyréduction  
*p* equilibrio *m* de óxido-redução
- 4529 oxidation-reduction-process**  
 (Enz.)  
 (Electron transfer from one atom/molecule to another one.)  
*d* Oxidations-Reduktions-Prozess *m*  
*f* processus *m* d'oxydoréduction  
*p* processo *m* de óxido-redução
- 4530 oxidation-reduction system**  
 (Enz.)  
 (REDOX-system, ref. in this case to tissular respiration: e.g. energy liberation, e.g. supposedly influenced by vitamins of the B-group.)  
*d* Oxidations-Reduktions-System *n*  
*f* système *m* d'oxydo-réduction  
*p* sistema *m* de óxido-redução
- 4531 oxidation sensitivity**  
 (Vit.)  
 (Vitamin technology; antioxidant auxiliaries are joined to vitamin mixtures to eliminate this problem of oxidation sensitivity.)  
*d* Oxidationsempfindlichkeit *f*  
*f* sensibilité *f* à l'oxidation  
*p* sensibilidade *f* à oxidação
- 4532 oxidation stability**  
 (Vit.)  
 (Vitamin technology; one of the major problems of vitamin processing. Antioxidant auxiliaries are joined to vitamin mixtures to promote this type of stability.)  
*d* Oxidationsstabilität *f*  
*f* stabilité *f* à l'oxydation  
*p* estabilidade *f* à oxidação
- 4533 oxidative decarboxylation**  
 (Vit.)  
 (Vitamin physiology; ref. to pyruvic acid, vitamin B<sub>1</sub> biochemical processes related to the Krebs-cycle.)  
*d* oxidative Decarboxilierung *f*  
*f* décarboxylation *f* oxydative  
*p* decarboxilação *f* oxidativa
- 4534 oxidative decarboxylation of amino acids**  
 (Enz.)  
 (Ref. to the origin of acetyl coenzyme A (acetyl CoA) as metabolic intermediary.)  
*d* oxidative Aminosäuredecarboxilierung *f*  
*f* décarboxylation *f* oxydative d'acides aminés  
*p* decarboxilação *f* oxidativa de aminoácidos
- 4535 oxidative decarboxylation of pyruvic acid**  
 (Vit.)  
 (Vitamin physiology; pyruvic acid, C<sub>3</sub>H<sub>4</sub>O<sub>3</sub>; derived from carbohydrates, acting in the Krebs(respiratory)-cycle, producing energy by oxidation, in the form of ATP (adenosine triphosphate: C<sub>10</sub>H<sub>16</sub>N<sub>5</sub>O<sub>13</sub>P<sub>3</sub>.)  
*d* oxidative Decarboxylierung *f* der Brenztraubensäure  
*f* décarboxylation *f* oxydative de l'acide pyruvique  
*p* decarboxilação *f* oxidativa do ácido pirúvico
- 4536 oxidative degradation**  
 (Vit.)  
 (Vitamin technology; vitamin biochemistry.)  
*d* oxidativer Verfall *m*  
*f* dégradation *f* par oxidation  
*p* degradação *f* oxidativa; decomposição *f* oxidativa
- 4537 oxidative desamination**  
 (Enz.)  
 (Ref. to amino acid metabolism: removal of an amino group (-NH<sub>2</sub>) from an amino acid.)  
*d* oxidative Desaminierung *f*  
*f* désamination *f* oxydative  
*p* desaminação *f* oxidativa
- 4538 oxidative desamination of amino acids**  
 (Enz.)  
 (Biotechnology; ref. to biochemical processes.)  
*d* oxidative Desaminierung *f* der Aminosäuren  
*f* désamination *f* oxydative des acides aminés  
*p* desaminação *f* oxidativa dos aminoácidos
- 4539 oxidative fermentation**  
 (Prod.)  
 (Pharmaceutical processes; see entry: acetic fermentation.)  
*d* oxidative Fermentation *f*  
*f* fermentation *f* oxydative  
*p* fermentação *f* oxidativa
- 4540 oxidative pyruvate decarboxylation**  
 (Vit.)  
 (Vitamin biochemistry: vitamin B<sub>1</sub> (thiamine) cellular respiratory chain.)  
*d* oxidative Pyruvat-Decarboxylierung *f*  
*f* décarboxylation *f* oxydative du pyruvate  
*p* decarboxilação *f* oxidativa do piruvato
- 4541 oxidative vitamin breakdown**  
 (Vit.)  
 (Vitamin technology; e.g. oxidation due to the presence of heavy metals (iron etc) in the formulation.)



- d* oxidativer Vitaminzerfall *m*; durch Oxidation bewirkter Vitaminzerfall *m*  
*f* décomposition *f* des vitamines par l'oxydation  
*p* decomposição *f* das vitaminas por oxidação
- 4542 oxidized molecule**  
 (Enz.)  
 (Enzymology; ref. to the Krebs-cycle.)  
*d* oxidiertes Molekül *n*  
*f* molécule *f* oxydée  
*p* molécula *f* oxidada
- 4543 oxidizing agent**  
 (Vit.)  
 (Problem to be solved in vitamin technology: a substance which oxidizes vitamins.)  
*d* oxidierende Substanz *f*  
*f* oxydant *m*  
*p* oxidante *m*
- 4544 oxidizing agents setting free atomic oxygen**  
 (Prod.)  
 (Pharmaceutical technology; poisoning for the metabolism of bacteria.)  
*d* Oxidationsmittel *npl* setzen atomaren Sauerstoff frei  
*f* oxydants *mpl* libérants de l'oxygène atomique  
*p* oxidantes *mpl* liberam oxigênio atômico
- 4545 oxidoreductases *pl***  
 (Enz.)  
 (Enzyme classification. An enzyme which catalyzes an oxidation-reduction reaction.)  
*d* Oxidoreduktasen *fpl*; Oxidoreduktasen *fpl*  
*f* oxydoréductases *fpl*  
*p* óxidoreductases *fpl*
- 4546 oxygen**  
 (Prod.)  
 (O; most abundant element on earth (1/5 of the atmosphere), e.g. the gas O<sub>2</sub>, ozone O<sub>3</sub>.)  
*d* Sauerstoff *m*  
*f* oxygène *m*  
*p* oxigênio *m*
- 4547 oxygen acceptor**  
 (Pharm.)  
 (Ref. to O-ions acceptors.)  
*d* Sauerstoffakzeptor *m*  
*f* accepteur *m* oxygène  
*p* aceitador *m* de oxigênio
- 4548 oxygenase; respiration ferment**  
 (Enz.)  
 (Oxygenases catalyze the reactions of molecular oxygen.)  
*d* Oxygenase *f*; Atmungsferment *n*  
*f* oxygénase *f*; ferment *m* de la respiration  
*p* oxigenase *f*; fermento *m* da respiração
- 4549 oxygen exclusion in fermentation**  
 (Prod.)  
 (Pharmaceutical technology; ref. to fermentation techniques.)  
*d* Sauerstoffausschluss *m* in der Gärung  
*f* exclusion *f* de l'oxygène dans la fermentation  
*p* exclusão *f* de oxigênio na fermentação
- 4550 oxygen-reduction**  
 (Vit.)  
 (Vitamin physiology; this tissue-process is understood as to be the tissue-respiration and is made possible by the intervention of vitamins, esp. of the vitamin B-group.)  
*d* Sauerstoff-Reduktion *f*  
*f* réduction *f* de l'oxygène  
*p* redução *f* do oxigênio
- 4551 oxygen-sensitive *adj***  
 (Vit.)  
 (Vitamin technology; product characteristic; e.g. vitamins.)  
*d* sauerstoffempfindlich; oxigenempfindlich  
*f* sensible au oxygène  
*p* sensível ao oxigênio
- 4552 oxygen trap**  
 (Enz.)  
 (Substance characteristic.)  
*d* Sauerstoff-Falle *f*  
*f* piège *m* d'oxygène  
*p* alçapão *m* de oxigênio
- \* **oxygen withdrawal from a compound → 2012**
- 4553 oxytetracycline**  
 (Ant.)  
 (C<sub>22</sub>H<sub>24</sub>N<sub>2</sub>O<sub>9</sub>.2H<sub>2</sub>O; terramycin; against gram-positive and gram-negative bacteria; against rickettsiae.)  
*d* Oxytetracyclin *n*  
*f* oxytétracycline *f*  
*p* oxitetraciclina *f*
- 4554 oxytocin**  
 (Horm.)  
 (OT; C<sub>43</sub>H<sub>66</sub>N<sub>12</sub>O<sub>12</sub>S<sub>2</sub>; posterior pituitary gland (uterus-contracting)-polypeptide hormone; pitocin.)  
*d* Oxytozin *n*; Oxytocin *n*  
*f* ocytocine *f*  
*p* oxitocina *f*

**4555 oxytocin is a peptide consisting of eight amino acids**

(Horm.)

(Hormone biochemistry; hormone structure.)

- d* Oxytozin *n* ist ein aus acht Aminosäuren bestehendes Peptid
- f* ocytocine *f* est un peptide qui consiste en huit acides aminés
- p* oxitocina *f* é um peptídeo que consiste de oito amino ácidos

## P

- \* **pack v under exclusion of light** → 5955
- 4556 p[a]ediatric drug**  
(Prod.)  
(P[a]ediatrics, branch of medicine of child treatment.)  
*d* Arzneimittel *n* der Kinderheilkunde  
*f* médicament *m* pédiatrique  
*p* medicamento *m* pediátrico
- 4557 pain irradiation**  
(Med.)  
(Requiring analgesic treatment.)  
*d* Schmerzausstrahlung *f*  
*f* irradiation *f* de la douleur  
*p* irradiação *f* da dor
- 4558 pain receptor**  
(Anat.)  
(The pain impulse goes from this receptor via nervous pathways finally to the cerebral cortex.)  
*d* Schmerzrezeptor *m*  
*f* récepteur *m* de la douleur  
*p* receptor *m* da dor
- \* **pain-soothing** → 435
- \* **pain-soothing drugs** → 436
- 4559 pain soothingness**  
(Pharm.)  
(Pharmacodynamic action of analgesics.)  
*d* Schmerzlinderung *f*  
*f* apaisement *m* de la douleur  
*p* alívio *m* da dor
- 4560 pale yellowish powder**  
(Prod.)  
(Pharmaceutical technology; product characteristic.)  
*d* bleich-gelbliches Puder *n*  
*f* poudre *f* pâle-jaunâtre  
*p* pó *m* pálido-amarelado
- 4561 palmitic acid; hexadecanoic acid**  
(Prod.)  
(Pharmaceutical chemistry; C<sub>16</sub>H<sub>32</sub>O<sub>2</sub>; cetylic acid; precursor of all fatty acids.)  
*d* Palmitinsäure *f*; Hexadecansäure *f*  
*f* acide *m* palmitique
- p* ácido *m* palmítico; ácido *m* hexadecanoico
- 4562 p-aminobenzoic acid**  
(Vit.)  
(PABA; NH<sub>2</sub>C<sub>6</sub>H<sub>4</sub>COOH; vitamin B complex factor (not to be administered together with sulphonamides).)  
*d* p-Aminobenzoesäure *f*  
*f* acide *m* p-aminobenzoïque  
*p* ácido *m* p-aminobenzóico
- 4563 p-aminobenzoic acid as bacterial growth factor**  
(Ant.)  
(Effectiveness of sulphonamides is based on the incapability of bacterial metabolism to distinguish between the sulphonamides and this acid.)  
*d* p-Aminobenzoesäure *f* als bakterieller Wachstumsfaktor  
*f* acide *m* p-aminobenzoïque comme facteur de croissance bactérien  
*p* ácido *m* p-aminobenzóico como fator de crescimento bacteriano
- \* **panacea** → 6581
- 4564 pancreas**  
(Anat.)  
(A compound gland of cell clusters, secreting the pancreatic juice; among the clusters are located the islets of Langerhans, secreting two hormones: insulin and glucagon.)  
*d* Bauchspeicheldrüse *f*; Pankreas *n*  
*f* pancréas *m*  
*p* pâncreas *m*
- 4565 pancreas stimulating hormone**  
(Horm.)  
(See entry: secretin.)  
*d* Buchspeicheldrüse anregendes Hormon *n*; Pankreas anregendes Hormon *n*  
*f* hormone *f* stimulante le pancréas  
*p* hormônio *m* estimulante do pâncreas
- 4566 pancreatic amylases**  
(Enz.)  
(Pancreas enzyme: starch digestion.)  
*d* Pankreas-Amylasen *fpl*  
*f* amylases *fpl* pancréatiques  
*p* amilíases *fpl* pancreáticas
- 4567 pancreatic enzymes**  
(Enz.)  
(Enzymology; digestive enzymes.)  
*d* Pankreas-Enzyme *npl*  
*f* enzymes *mpl* pancréatiques  
*p* enzimas *fpl* pancreáticas

- 4568 pancreatic hormone**  
(Horm.)  
(See also entries: glucagon and insulin.)  
*d* Bauchspeicheldrüsenhormon *n*;  
Pankreashormon *n*  
*f* hormone *f* pancréatique  
*p* hormônio *m* pancreático
- 4569 pancreatic juice**  
(Horm.)  
(The secretion of the pancreatic juice is stimulated by the hormone secretin.)  
*d* Bauchspeicheldrüsenensaft *m*; Saft *m* der Bauchspeicheldrüse; Saft *m* des Pankreas  
*f* suc *m* pancréatique  
*p* suco *m* pancreático
- 4570 pancreotropic hormone**  
(Horm.)  
(Hormone, influencing (acting on) the islets of the pancreas (HVL hormone).)  
*d* pankreotropes Hormon *n*;  
Bauchspeicheldrüseninseln beeinflussendes Hormon *n*  
*f* hormone *f* pancréotrope  
*p* hormônio *m* pancreotrópico
- 4571 pangamic acid**  
(Vit.)  
(Vitamin physiology; C<sub>10</sub>H<sub>19</sub>NO<sub>8</sub>; formerly vitamin B<sub>15</sub>; promotes cell respiration.)  
*d* Pangamsäure *f*  
*f* acide *m* pangamique  
*p* ácido *m* pangâmico
- 4572 pantothenate**  
(Vit.)  
(Salt or ester of pantothenic acid; the acid belongs to the vitamin B complex (C<sub>9</sub>H<sub>17</sub>NO<sub>5</sub>).)  
*d* Pantothenat *n*  
*f* pantothénate *m*  
*p* pantotenato *m*
- 4573 pantothenate kinase**  
(Enz.)  
(Ref. to the biosynthesis of the acetyl coenzyme A (acetyl coA) in the cellules.)  
*d* Pantotenatkinase *f*  
*f* pantothénate-kinase *f*  
*p* quinase *f* do pantotenato
- 4574 pantothenic acid**  
(Vit.)  
(Formerly vitamin B<sub>5</sub>. C<sub>9</sub>H<sub>17</sub>NO<sub>5</sub>; precursor of coenzyme A; intervenes in the fatty acid/acetate metabolism.)  
*d* Pantothensäure *f*
- f* acide *m* pantothénique  
*p* ácido *m* pantotênico
- \* **pantothenic acid** → 6769
- 4575 pantothenic acid as antigrey-hair factor**  
(Vit.)  
(Vitamin B<sub>5</sub>-constituent of the vitamin B-complex.)  
*d* Pantothensäure *f* als Antigräuhaar-Faktor  
*f* acide *m* pantothénique comme facteur antigrisonnant  
*p* ácido *m* pantotênico como fator contra cabelos grisalhos
- 4576 pantothenic acid bridge**  
(Vit.)  
(Showing vitamin B<sub>5</sub>-activity in adenosine triphosphate (ATP) biochemistry.)  
*d* Pantothensäure-Brücke *f*  
*f* pont *m* de l'acide pantothénique  
*p* ponte *f* do ácido pantotênico
- 4577 pantothenic acid in the coenzyme A structure**  
(Vit.)  
(Vitamin physiology; e.g. ref. to the Krebs-cycle.)  
*d* Pantothensäure *f* in der Coenzym A-Struktur  
*f* acide *m* pantothénique dans la structure de la coenzyme A  
*p* ácido *m* pantotênico na estrutura da coenzima A
- 4578 pantothenic acid in the form of coenzyme A**  
(Vit.)  
(Vitamin physiology.)  
*d* Pantothensäure *f* in der Form von Coenzym A  
*f* acide *m* pantothénique sous la forme de coenzyme A  
*p* ácido *m* pantotênico sob a forma de coenzima A
- 4579 pantothenyl alcohol**  
(Prod.)  
(C<sub>9</sub>H<sub>19</sub>NO<sub>4</sub>; panthenol (their exist patents); as basis in ointments and creams.)  
*d* Pantothenylalkohol *m*  
*f* alcool *m* pantothénylique  
*p* álcool *m* pantotenílico
- 4580 papain**  
(Enz.)  
(Papaya protease. Proteases (also: proteinases) are protein-hydrolyzing enzymes. Also: protein digestant in phytotherapy, see entry: papaya capsules.)

- d* Papain *n*  
*f* papaïne *f*  
*p* papaina *f*
- 4581 papaverine**  
 (Phyto.)  
 (C<sub>20</sub>H<sub>21</sub>NO<sub>4</sub>; medicamentous substance found in opium, an opiate, narcotic, see this entry; arterial and smooth muscle treatment; nonaddictive antispasmodic, spasmolytic; see this entry.)  
*d* Papaverin *n*  
*f* papavérine *f*  
*p* papaverina *f*
- 4582 papaya capsules**  
 (Phyto.)  
 (Papaw; fruit of "Carica papaya L., Caricaceae"; medicamentous substance: papain.)  
*d* Papaya-Kapseln *fpl*  
*f* capsules *fpl* de la papaye  
*p* cápsulas *fpl* de papaya
- 4583 parabromdyalimine**  
 (Prod.)  
 (C<sub>16</sub>H<sub>19</sub>BrN<sub>2</sub>; medicamentous substance; antihistamine; see entry: antiallergic remedy.)  
*d* Parabromdyalamin *n*  
*f* parabromedylalamine *f*  
*p* parabromodilamina *f*
- 4584 paracetamol**  
 (Prod.)  
 (C<sub>8</sub>H<sub>9</sub>NO<sub>2</sub>; p-hydroxyacetanilide; medicamentous substance; analgesic, antipyretic; see entries: analgetic and antipyretic; febrifuge.)  
*d* Paracetamol *n*  
*f* paracétamol *m*  
*p* paracetamol *m*
- 4585 paraffin oil as lubricant**  
 (Prod.)  
 (Pharmaceutical technology: e.g. for improving the "dusty aspect of a tablet", see entry.)  
*d* Paraffinöl *n* als Schmiermittel; Paraffinöl *n* als Schmierstoff  
*f* huile *f* de paraffine comme lubrifiante  
*p* óleo *m* de parafina como lubrificante
- 4586 parallel correlation**  
 (Prod.)  
 (Pharmaceutical technology.)  
*d* parallele Korrelation *f*; parallele Wechselbeziehung *f*
- f* corrélation *f* parallèle  
*p* correlação *f* paralela
- 4587 parameters of a pharmacokinetical medicament**  
 (Prod.)  
 (See entry: pharmacokinetics, study of the interaction between an administered medicinal drug and the organism.)  
*d* Parameter *mpl* eines pharmakokinetischen Arzneimittels  
*f* paramètres *mpl* pharmacocinétiques d'un médicament  
*p* parámetros *mpl* farmacocinéticos de um medicamento
- 4588 parasitic infestation**  
 (Med.)  
 (Penetration and fixation of a parasite (e.g. animal parasite) in the organism.)  
*d* parasitäre Verseuchung *f*  
*f* infestation *f* parasitique  
*p* infestação *f* parasitica
- 4589 parasympholytic**  
 (Prod.)  
 (Medicinal drug opposing the parasymphathic nervous system, causing relaxation of smooth muscles, sweat-and saliva reduction, eye-pupil dilation.)  
*d* Parasympatholytikum *n*  
*f* médicament *m* parasymphatholythique  
*p* medicamento *m* parassimpaticolítico
- 4590 parasymphomimetic**  
 (Prod.)  
 (Parasympathetic nervous system stimulating drug: vasodilatation, heart rate depression.)  
*d* Parasympathomimetikum *n*  
*f* médicament *m* parasymphathicomimétique  
*p* medicamento *m* parassimpaticomimético
- 4591 parathormone**  
 (Horm.)  
 (PTH; parathyroid hormone (see this entry), a hypercalcaemia hormone.)  
*d* Parathormon *n*  
*f* parathormone *f*  
*p* parathormônio *m*
- 4592 parathormones regulate the phosphorus and calcium content**  
 (Horm.)  
 (Hormone physiology, see also entry: parathyroid hormone; parathormone.)  
*d* Parathormone *npl* regulieren den Phosphor- und Calcium-Gehalt

- f* parathormones *fpl* règlent le taux de phosphore et de calcium  
*p* parathormônios *mpl* regulam o teor de fósforo e cálcio
- 4593 parathyroid; parathyroid gland**  
 (Ant.)  
 (Endocrine glands; producing parathyroid hormones (metabolism regulation of calcium and phosphorus).)  
*d* Nebenschilddrüse *f*  
*f* parathyroïde *f*  
*p* paratireóide *f*  
 \* **parathyroid gland** → 4593
- 4594 parathyroid hormone**  
 (Horm.)  
 (PTH. Calcium/phosphorus-metabolism regulation.)  
*d* Nebenschilddrüsenhormon *n*  
*f* parathyroïde hormone *f*; hormone *f* paratyroïdienne  
*p* paratormônio *m*; hormônio *m* da paratireóide
- 4595 parenteral administration; parenteral application**  
 (Med.)  
 (Application method: administration otherwise than through the mouth, bypassing the digestive track.)  
*d* parenterale Verabreichung *f*; parenterale Anwendung *f*  
*f* administration *f* parentérale; application *f* parentérale  
*p* administração *f* parenteral; uso *m* parenteral
- 4596 parenteral administration of thiamin[e]**  
 (Vit.)  
 (Vitamin physiology; vitamin B<sub>1</sub> application against beriberi syndromes.)  
*d* parenterale Verabreichung *f* von Thiamin  
*f* administration *f* parentérale de la thiamine  
*p* administração *f* parenteral da tiamina  
 \* **parenteral application** → 4595
- 4597 parenteral dosage forms**  
 (Prod.)  
 (Pharmaceutical technology; medicamentous preparation, administration otherwise than through the mouth, bypassing the digestive track.)  
*d* parenterale Dosierungsformen *fpl*  
*f* formes *fpl* de dosage parentérales  
*p* formas *fpl* de dosagem parenterais
- 4598 parenteral preparations**  
 (Prod.)  
 (Pharmaceutical technology; drug form for administration otherwise than through the bypassing the digestive track.)  
*d* parenterale Präparate *npl*  
*f* préparations *fpl* parentérales  
*p* preparações *fpl* parenterais
- 4599 parenteral solution**  
 (Prod.)  
 (Pharmaceutical technology; pharmaceutical product.)  
*d* parenterale Lösung *f*  
*f* solution *f* parentérale  
*p* solução *f* parenteral
- 4600 parenteral solution of a vitamin complex**  
 (Vit.)  
 (Vitamin technology; vitamins in medicine; application method: administration otherwise than through the mouth, bypassing the digestive track.)  
*d* parenterale Lösung *f* eines Vitaminkomplexes  
*f* solution *f* parentérale d'un complexe vitaminique  
*p* solução *f* parenteral de um complexo vitamínico
- 4601 parenteral suspension**  
 (Prod.)  
 (Pharmaceutical technology; pharmaceutical product.)  
*d* parenterale Suspension *f*  
*f* suspension *f* parentérale  
*p* suspensão *f* parenteral
- 4602 parestesia**  
 (Med.)  
 (Sensation of creeping etc on the skin, due to vitamin B<sub>12</sub>-deficiency.)  
*d* Paresthesie *f*; abnorme Empfindung *f*  
*f* parsthésie *f*  
*p* parestesia *f*; sensação *f* falsa
- 4603 partially soluble** *adj*  
 (Prod.)  
 (Pharmaceutical chemistry; product characteristic.)  
*d* teilweise lösbar  
*f* partiellement soluble  
*p* parcialmente solúvel
- 4604 partial solidification**  
 (Prod.)  
 (Pharmaceutical chemistry.)  
*d* Teilerstarrung *f*  
*f* solidification *f* partielle  
*p* solidificação *f* parcial

- 4605 partial superposition of the structure**  
(Prod.)  
(Pharmaceutical chemistry; see entry: structural analogy of a medicamentous molecule.)  
*d* teilweise Superposition *f* der Struktur; teilweise Überlagerung *f* der Struktur  
*f* superposition *f* partielle de la structure  
*p* superposição *f* parcial da estrutura
- 4606 participation of calcium in the excitation-contraction-coupling**  
(Med.)  
(Ref. to calcium functioning in the cardiac muscle.)  
*d* Beteiligung *f* des Calciums an der Erregungs-Zusammenziehungs-Kopplung  
*f* participation *f* du calcium dans le couplage de l'excitation-contraction  
*p* participação *f* do cálcio no acoplamento de excitação-contração
- 4607 particle**  
(Prod.)  
(Pharmaceutical technology, e.g. constitution of tableting material.)  
*d* Teilchen *n*  
*f* particule *f*  
*p* partícula *f*
- 4608 particle density of the powder**  
(Prod.)  
(Pharmaceutical processes; ref. to "particle size studies of pharmaceutical powders", see entry.)  
*d* Teilchendensität *f* des Pulvers  
*f* densité *f* des particules de la poudre  
*p* densidade *f* das partículas do pó
- 4609 particle sedimentation; settling of particles**  
(Prod.)  
(Pharmaceutical chemistry; ref. to processes.)  
*d* Sedimentation *f* von Teilchen; Absetzen *n* von Teilchen  
*f* sédimentation *f* de particules  
*p* sedimentação *f* de partículas
- 4610 particle shape**  
(Prod.)  
(Pharmaceutical technology; ref. to tablet-production.)  
*d* Teilchenform *f*  
*f* forme *f* de la particule  
*p* forma *f* da partícula
- 4611 particles in suspension**  
(Prod.)  
(Pharmaceutical chemistry.)  
*d* Teilchen *npl* in Suspension  
*f* particules *fpl* en suspension  
*p* partículas *fpl* em suspensão
- 4612 particle size**  
(Prod.)  
(Pharmaceutical technology; ref. to PVP and other auxiliary products in particle size analysis, classification and distribution.)  
*d* Korngröße *f*  
*f* grandeur *f* de la particule; dimension *f* de la particule  
*p* tamanho *m* da partícula
- 4613 particle size analysis**  
(Prod.)  
(Pharmaceutical technology; ref. to PVP and other auxiliary products in particle size classification and distribution.)  
*d* granulometrische Analyse *f*  
*f* analyse *f* granulométrique  
*p* análise *f* granulométrica
- 4614 particle size classification**  
(Prod.)  
(Pharmaceutical technology; ref. to PVP and other auxiliary products in particle size analysis and distribution.)  
*d* granulometrische Klassifizierung *f*; Korngrößenklassifikation *f*  
*f* classification *f* granulométrique  
*p* classificação *f* granulométrica
- 4615 particle size distribution**  
(Prod.)  
(Pharmaceutical technology; production term ref. to material characteristic.)  
*d* Korngrößenverteilung *f*  
*f* répartition *f* granulométrique  
*p* distribuição *f* granulométrica
- 4616 particle size distribution study of the dispersion**  
(Prod.)  
(Pharmaceutical chemistry; see entry: dispersion.)  
*d* Untersuchung *f* der Korngrößenverteilung der Dispersion  
*f* étude *f* granulométrique de la dispersion  
*p* estudo *m* granulométrico da dispersão
- 4617 particle size range**  
(Prod.)  
(Pharmaceutical technology; ref. to the measurement/dimensions and the distribution in different classes of grains and particles; classification of the powdery products as to the dimension of their particles.)

- d* Körnungsskala *f*  
*f* granulométrie *f*  
*p* granulometria *f*
- 4618 particle size studies of pharmaceutical powders**  
 (Prod.)  
 (Pharmaceutical technology: ref. to production processes of pharmaceutical powders.)
- d* Korngrößenuntersuchungen *fpl*  
 pharmazeutischer Pulver;  
 Korngrößenstudien *fpl* pharmazeutischer Pulver
- f* études *f* granulométriques des poudres pharmaceutiques
- p* estudos *mpl* granulométricos dos pós farmacêuticos
- 4619 particles provided with therapeutic activity**  
 (Prod.)  
 (Pharmaceutical technology: ref. aerosol types.)
- d* Teilchen *npl* versehen mit therapeutischer Wirkung
- f* particules *fpl* douées d'activité thérapeutique
- p* partículas *fpl* equipadas com atividade terapêutica
- 4620 particular condition of growing**  
 (Enz.)  
 (Biotechnology; in biochemical research, growing, here = cultivation of material.)
- d* besondere Kulturbedingungen *fpl*
- f* conditions *fpl* de culture particulières
- p* condições *fpl* especiais de cultura
- \* **part of the vitamins in enzymatic activity**  
 → 5504
- \* **passiflora** → 4621
- 4621 passion flower; passiflora**  
 (Phyto.)  
 (Genus "Passiflora"; tropical fruit: maracuja, very common in Brazil. Use: sedative.)
- d* Maracuja *f*; Passionsblume *f*
- f* maracuja *m*; fleur *f* de la Passion
- p* maracujá *m*; passiflora *f*
- 4622 passive immunization**  
 (Pharm.)  
 (Human or animal antibody supply; e.g. with animal serum.)
- d* passive Immunisierung *f*
- f* immunisation *f* passive
- p* imunização *f* passiva
- 4623 passive protein; structural protein**  
 (Enz.)  
 (Enzymology; classification criterion; a protein showing a structural function, e.g.: collagen, keratin; fibrous proteins for tissue structure.)
- d* passives Protein *n*; strukturelles Protein *n*
- f* protéine *f* passive; protéine *f* structurale
- p* proteína *f* passiva; proteína *f* estrutural
- 4624 pathogen; pathogenic microbe**  
 (Med.)  
 (Ref. to a disease producing agent.)
- d* Krankheitserreger *m*; pathogene Mikrobe *f*
- f* agent *m* pathogène; microbe *m* pathogène
- p* agente *m* patogênico; micróbio *m* patogênico
- \* **pathogenic microbe** → 4624
- 4625 pathogenic microorganisms**  
 (Med.)  
 (Ref. microorganisms capable of causing disease: e.g. present in untreated water.)
- d* pathogene Mikroorganismen *mpl*
- f* micro-organismes *mpl* pathogènes
- p* microorganismos *mpl* patogênicos
- 4626 pathologi[cal] reactions of the organism**  
 (Med.)  
 (E.g. reactions to pyrogens.)
- d* pathologische Reaktionen *fpl* des Organismus
- f* réactions *fpl* pathologiques de l'organisme
- p* reações *fpl* patológicas do organismo
- 4627 pathologic proteic substances as rheumatism factors**  
 (Enz.)  
 (Certain antirheumatics act in degrading these body substances.)
- d* pathologische Eiweißsubstanzen *fpl* als Rheumafaktoren
- f* substances *fpl* protéiques pathologiques comme facteurs du rhumatisme
- p* substâncias *fpl* protéicas patológicas como fatores do reumatismo
- 4628 pathologies of vitamin deficiencies**  
 (Vit.)  
 (Ref. to hipovitaminosis.)
- d* Vitaminmangelpathologien *fpl*
- f* pathologies *fpl* de carences vitaminiques
- p* patologias *fpl* de carências vitamínicas
- 4629 paths of the biosynthesis of hormones**  
 (Horm.)  
 (Ref. to hormone production.)
- d* Wege *mpl* der Hormonbiosynthese



- f* voies *fpl* de biosynthèse des hormones  
*p* caminhos *mpl* de biossíntese dos hormônios
- 4630 Pauli's exclusion principle; Pauli principle**  
 (Mol.)  
 (Ref. to Wolfgang Pauli, Austrian physicist, (1900-1958); Nobel prize 1945; "No two electrons in an atom/molecule can have the same set of quantum numbers".)  
*d* Paulisches Ausschließungsprinzip *n*; Pauli-Prinzip *n*  
*f* principe *m* d'exclusion de Pauli  
*p* princípio *m* de exclusão de Pauli
- \* **Pauli principle** → **4630**
- 4631 peanut oil; arachis oil**  
 (Vit.)  
 (Vitamin technology; auxiliary in vitamin preparations; source for medicinal oils.)  
*d* Erdnussöl *n*  
*f* huile *f* d'arachide  
*p* óleo *f* de amendoim
- 4632 pectin**  
 (Phyto.)  
 (Carbohydrate; medicamentous substance; see entry: mucilages (pl) and antidysenteric medicament.)  
*d* Pektin *n*  
*f* pectine *f*  
*p* pectina *f*
- 4633 pectin containing substances**  
 (Prod.)  
 (Pharmaceutical chemistry; pectin against intestinal stasis (flow-cessation), forming a mucilaginous layer within the intestine.)  
*d* pektinhaltige Stoffe *mpl*  
*f* substances *fpl* contenant de pectine  
*p* substâncias *fpl* contendo pectina
- \* **pectin containing substances** → **4213**
- 4634 pectin of medicinal grade**  
 (Phyto.)  
 (Pharmaceutical chemistry; carbohydrate from the rind of citrus fruits and/or apple peel; gelling/thickening auxiliary in formulations.)  
*d* Pektin *n* medizinischen Grades; Pektin *n* arzneilichen Grades  
*f* pectine *f* de degré médicinal  
*p* pectina *f* de grau medicinal
- 4635 pellagra**  
 (Vit.)  
 (Vitamin B<sub>3</sub> (nicotinic acid)-deficiency-disease; (scaly dermatitis, diarrhoea).)  
*d* Pellagra *f*  
*f* pellagre *f*  
*p* pelagra *f*
- 4636 pellagra preventive factor**  
 (Vit.)  
 (Ref. to vitamin PP (niacin, nicotinic acid), see entry; pellagra is a nutritional deficiency disease with dermatitis symptoms.)  
*d* Pellagra vorbeugender Faktor *m*  
*f* facteur *m* préventif de la pellagra  
*p* fator *m* preventivo da pelagra
- \* **pellet** → **3374**
- 4637 penetrate v the plasma membranes; penetrate v the plasmatic membranes**  
 (Horm.)  
 (Ref. to the characteristic of the hydrophobic hormones (see entry).)  
*d* Plasmamembranen durchdringen  
*f* traverser les membranes plasmiques; traverser les membranes plasmiques  
*p* atravessar as membranas plasmáticas; cruzar as membranas plásmicas
- \* **penetrate v the plasmatic membranes** → **4637**
- 4638 penetration ability of the antibiotic**  
 (Ant.)  
 (Ref. to the action of antibiotics on bacteria.)  
*d* Eindringungsfähigkeit *f* des Antibiotikums  
*f* capacité *f* de pénétration de l'antibiotique  
*p* capacidade *f* de penetração do antibiótico
- 4639 penetration capability of the drugs**  
 (Pharm.)  
 (Ref. to the ability of the drug to penetrate into the tissue.)  
*d* Eindringungsvermögen *n* der Drogen  
*f* pouvoir *m* de pénétration des drogues  
*p* poder *m* de penetração das drogas
- 4640 penetration capacity of a pomade**  
 (Pharm.)  
 (Ref. to the ability of the pomade to penetrate into the skin.)  
*d* Eindringungsvermögen *n* einer Pomade  
*f* pouvoir *m* pénétrant d'une pommade  
*p* poder *m* penetrante de uma pomada
- 4641 penetration of aerosols into the respiratory tracts**  
 (Pharm.)  
 (Important for aerosol therapeutics.)  
*d* Eindringung *f* der Aerosole in die Luftwege

- f* pénétration *f* des aérosols dans les voies respiratoires  
*p* penetração *f* dos aerosóis nas vias respiratórias
- 4642 penetration of the active principle of the suppository through the rectal mucosa** (Pharm.)  
 (Ref. to the action pathway of suppositories.)  
*d* Durchdringung *f* des Wirkstoffes des Zäpfchens durch die Mastdarmschleimhaut  
*f* pénétration *f* du principe actif du suppositoire à travers de la muqueuse rectale  
*p* penetração *f* do princípio ativo do supositório pela mucosa retal
- 4643 penicillanic acid** (Ant.)  
 (Penicillanic acid: (C<sub>8</sub>H<sub>12</sub>N<sub>2</sub>O<sub>5</sub>S); the basis of penicillin. A component of penicillin.)  
*d* Penicillansäure *f*  
*f* acide *m* pénicillanique  
*p* ácido *m* penicilânico
- 4644 penicillin** (Ant.)  
 (C<sub>16</sub>H<sub>17</sub>N<sub>2</sub>O<sub>4</sub>SNa; benzylpenicillin sodium; medicamentous substance, against infections; penicillin (Penicillium notatum) discovered in 1928 by Alexander Fleming (1881-1955); Nobel prize 1945, British bacteriologist.)  
*d* Penicillin *n*  
*f* pénicilline *f*  
*p* penicilina *f*
- 4645 penicillin as continuous drip injection** (Ant.)  
 (Ref. to administration mode.)  
*d* Penicillin *n* als Dauertropfinfusion  
*f* penicilline *f* comme injection goutte-à-goutte continue  
*p* penicilina *f* como injeção contínua gota-a-gota
- 4646 penicillinase** (Ant.)  
 (Bacterial enzyme which is able to inactivate penicillin.)  
*d* Penicillinase *f*  
*f* pénicillinase *f*  
*p* penicilina *f*
- 4647 penicillinase-fast penicillin** (Ant.)  
 (Penicillinase: a penicillin-destroying enzyme (thus antagonizing the penicillin action) of most of the intestinal bacteria, like Bact. Coli, Staphylococci etc.)  
*d* penicillinasefestes Penicillin *n*  
*f* pénicilline *f* pénicillinase-résistante  
*p* penicilina *f* penicilina-se-resistente
- 4648 penicillinase-negative staphylococcus** (Ant.)  
 (To be treated with benzylpenicillin.)  
*d* penicillinase-negativer Staphylokokkus *m*  
*f* staphylocoque *m* pénicillinase-négative  
*p* estafilococo *m* penicilina-se-negativo
- 4649 penicillinase-nonfast penicillin** (Ant.)  
 (Ref. to the bacterial enzyme which is able to inactivate penicillin.)  
*d* penicillinase-unfestes Penicillin *n*  
*f* pénicilline *f* pénicillinase-nonrésistante  
*p* penicilina *f* não-resistente à penicilina
- 4650 penicillinase producing bacterial strains** (Ant.)  
 (Ref. to an enzyme which is able to inactivate penicillin.)  
*d* penicillinaseproduzierende Bakterienstränge *mpl*  
*f* souches *fpl* bactériennes productrices de pénicillinase  
*p* cepas *fpl* bacterianas produtoras de penicilina
- 4651 penicillinase-producing staphylococci** (Ant.)  
 (To be treated with penicillinase-fast penicillin; see this entry.)  
*d* penicillinasebildende Staphylokokken *mpl*  
*f* staphylocoques *mpl* producteurs de pénicillinase  
*p* estafilococos *mpl* produtores de penicilina
- 4652 penicillinase-sensitive antibiotic compounds** (Ant.)  
 (Ref. to medicamentous property.)  
*d* penicillinaseempfindliche antibiotische Verbindungen *fpl*  
*f* composés *mpl* antibiotiques pénicillinase-sensibles  
*p* compostos *mpl* antibióticos sensíveis à penicilina
- 4653 penicillin binds to the enzyme peptidoglycan-transpeptidase; penicillin binds to the murein-transpeptidase** (Ant.)  
 (Thus avoiding peptidoglycan reticulation and, consequently, bacterial wall construction; see also entry: reticulation of the lateral peptidoglycan chains.)

- d* Penicillin *n* bindet sich an das Peptidoglycan-transpeptidase-Enzym; Penicillin *n* bindet sich an die Mureintranspeptidase
- f* pénicilline *f* se lie avec l'enzyme peptidoglycane-transpeptidase; pénicilline *f* se lie avec la muréine-transpeptidase
- p* penicilina *f* liga-se à enzima peptidoglicano-transpeptidase
- \* **penicillin binds to the murein-transpeptidase** → 4653
- 4654 penicillin blocks mucopeptide synthesis in the bacterial cell wall**  
(Ant.)  
(Ref. to antibiotic action on bacteria.)
- d* Penicillin *n* blockiert die Mucopeptidsynthese in der Bakterienzellwand
- f* pénicilline *f* bloque la synthèse du mucopeptide dans la paroi cellulaire bactérienne
- p* penicilina *f* bloqueia a síntese dos mucopeptídeos na parede celular bacteriana
- \* **penicillin-fast** → 4656
- \* **penicillin G** → 775
- 4655 penicillin is excreted by the kidneys**  
(Ant.)  
(Physiological way of penicillin elimination.)
- d* Penicillin *n* wird durch die Niere ausgeschieden
- f* pénicilline *f* est excrétée par des reins
- p* penicilina *f* é excretada pelos rins
- 4656 penicillin resistant; penicillin-fast** *adj*  
(Ant.)  
(Ref. to characteristics of certain bacterial stems.)
- d* penizillinresistent; widerstandsfähig gegen Penizillin
- f* pénicillorésistant
- p* resistente à penicilina
- 4657 penicillin salt suspensions**  
(Ant.)  
(Intramuscular microcrystalline injection with retard action.)
- d* Penizillinsalzsuspensionen *fpl*
- f* suspensions *fpl* de sels de pénicilline
- p* suspensões *fpl* de sais de penicilina
- 4658 penicillins block the peptidoglycan-synthesis of the bacterial wall**  
(Ant.)  
(Inhibition by penicillins blocking the transpeptidation process; see also entry: peptidoglycan-transpeptidase.)
- d* Penicilline *npl* blockieren die Peptidoglycan-Synthese der Bakterienwand
- f* pénicillines *fpl* bloquent la synthèse du peptidoglycane de la paroi bactérienne
- p* penicilinas *fpl* bloqueiam a síntese do peptidoglicano da parede bacteriana
- 4659 penicillin short-infusion**  
(Ant.)  
(Ref. to administration mode of antibiotics; infusion = slow type of injection.)
- d* Penicillin-Kurzinfusion *f*
- f* injection *f* courte de pénicilline
- p* injeção *f* curta de penicilina
- 4660 penicillin V having high resistance to gastric juices**  
(Ant.)  
(C<sub>16</sub>H<sub>18</sub>N<sub>2</sub>O<sub>5</sub>S; semisynthetic penicillin suitable for oral intake in penicillin therapy.)
- d* Penicillin *n* V mit hoher Widerstandsfähigkeit gegen Magensäfte
- f* pénicilline *f* V ayante de la résistance élevée aux sucs digestifs
- p* penicilina *f* V tendo uma elevada resistência aos sucos digestivos
- 4661 pentose cycle**  
(Vit.)  
(Vitamin biochemistry.)
- d* Pentosezyklus *m*
- f* cycle *m* des pentoses
- p* ciclo *m* das pentoses
- 4662 peony**  
(Phyto.)  
(Genus "Paeonia", family "Paeoniaceae"; use: e.g. in form of a pomade for haemorrhoidal pains.)
- d* Pfingstrose *f*
- f* pivoine *f*
- p* paeônia *f*
- 4663 peppermint**  
(Phyto.)  
(*"Mentha piperita* L., Labiatae", a medicinal herb; used in form of a tea, infusion; carminative, gastric stimulant.)
- d* Pfefferminze *f*
- f* menthe *f* poivrée
- p* hortelã *f* pimenta
- 4664 pepsin, enzyme of the gastric juice**  
(Enz.)  
(Enzyme which decomposes the alimentary proteins into peptides.)

- d* Pepsin *n*, Enzym des Magensaftes  
*f* pepsine *f*, enzyme du suc gastrique  
*p* pepsina *f*, enzima do suco gástrico
- 4665 peptide bond**  
 (Enz.)  
 (Enzymology; bond between carbon and nitrogen in a peptide linkage.)  
*d* Peptidbindung *f*  
*f* liaison *f* peptidique  
*p* ligação *f* peptídica
- 4666 peptide hormone; peptidic hormone**  
 (Horm.)  
 (E.g. oxytocin; see also entry: hormones formed by short peptidic chains.)  
*d* Peptidhormon *n*  
*f* hormone *f* peptidique  
*p* hormônio *m* peptídico
- 4667 peptide structure; peptidic structure**  
 (Enz.)  
 (Ref. to peptides, which are a concatenation of a limited number of amino acids.)  
*d* Peptidstruktur *f*  
*f* structure *f* peptidique  
*p* estrutura *f* peptídica
- 4668 peptidic group**  
 (Enz.)  
 (Enzymology; ref. to representation of peptides, i.e. amino acid molecules, linked by bonds between the amino- and carboxyl group..)  
*d* Peptidgruppe *f*  
*f* groupe *m* peptidique  
*p* grupo *m* peptídico
- \* **peptidic hormone** → 4666
- \* **peptidic structure** → 4667
- \* **peptidoglycan** → 4215
- 4669 peptidoglycan-transpeptidase; murein-transpeptidase**  
 (Ant.)  
 (Enzyme which catalyzes the peptidoglycan-reticulation process (transpeptidation) of bacteria. Penicillins block this enzyme, due to its similarity with the correct constituents of the aminoacid peptidoglycan-chain.)  
*d* Peptideoglycantranspeptidase *f*;  
 Mureintranspeptidase *f*  
*f* peptidoglycane-transpeptidase *f*;  
 muréine-transpeptidase *f*  
*p* peptídeoglicano-transpeptidase *f*;
- mureína-transpeptidase *f*
- 4670 percutaneous** *adj*  
 (Med.)  
 (Administered through the skin: e.g. ointments absorbed through the skin.)  
*d* perkutan  
*f* percutané  
*p* percutâneo
- 4671 percutaneous administration of the medicament**  
 (Med.)  
 (Pharmaceutical technology; application form of a medicament.)  
*d* perkutane Verabreichung *f* des Medikaments;  
 perkutane Verabfolgung *f* des Medikamentes  
*f* administration *f* percutanée du médicament  
*p* administração *f* percutânea do medicamento;  
 aplicação *f* percutânea do medicamento
- 4672 percutaneous bioavailability**  
 (Pharm.)  
 (E.g. ref. to studies of pharmaceutical and chemical substances and their characteristics; percutaneous: applied/absorbed through the skin.)  
*d* perkutane Bioverfügbarkeit *f*  
*f* biodisponibilité *f* percutanée  
*p* biodisponibilidade *f* percutânea
- 4673 percutaneous effect of the medicament**  
 (Pharm.)  
 (Ref. to application form and -substance activity of a medicament after a certain period of time.)  
*d* perkutaner Effekt *m* des Medikaments;  
 perkutaner Wirkungserfolg *m* des Medikamentes  
*f* effet *m* percutané du médicament  
*p* efeito *m* percutâneo do medicamento
- \* **perfect gas** → 3338
- 4674 perinatal toxicity**  
 (Pharm.)  
 (E.g. ref. to toxicological studies with pharmaceutical and chemical substances; perinatal: period shortly before until shortly after the birth.)  
*d* perinatale Toxizität *f*; perinatale Giftigkeit *f*  
*f* toxicité *f* périnatale  
*p* toxicidade *f* perinatal
- 4675 periodic structure characteristic**  
 (Enz.)  
 (Peculiarity of the fibrous protein structure, which follows the fibre axis.)

- d* Eigenart *f* der periodischen Struktur  
*f* caractéristique *f* de structure périodique  
*p* característica *f* estrutura periódica
- 4676 periodic structure of the fibrous protein**  
 (Enz.)  
 (Enzymology; ref. to protein structure; long strand proteins, like e.g. keratins.)  
*d* periodische Struktur *f* des fibrillären Proteins  
*f* structure *f* périodique des protéines fibreuses  
*p* estrutura *f* periódica das proteínas fibrilosas
- 4677 peripheral action of hormones in blood circulation**  
 (Horm.)  
 (Ref. e.g. to the suprarenal cortex hormone aldosterone and its sodium chloride-(table salt)-retention activity.)  
*d* periphere Wirkung *f* im Blutkreislauf zirkulierender Hormone; periphere Wirkung *f* im Blutkreislauf kreisender Hormone  
*f* action *f* périphérique des hormones dans la circulation du sang  
*p* ação *f* periférica dos hormônios na circulação do sangue
- 4678 peripheral action of the active principle on cell resistance against insulin**  
 (Pharm.)  
 (Ref. to the action of certain antidiabetics in the organism.)  
*d* periphere Wirkung *f* des Wirkstoffes auf den Zellwiderstand gegenüber Insulin  
*f* action *f* périphérique du principe actif sur la résistance cellulaire à l'insulin  
*p* ação *f* periférica do princípio ativo sobre a resistência celular à insulina
- 4679 peripheral electron**  
 (Mol.)  
 (Electron on the external electron shell of the atom.)  
*d* peripherisches Eletron *n*  
*f* électron *m* périphérique  
*p* elétron *m* periférico
- 4680 peripheral nervous system**  
 (Anat.)  
 (Part of the nervous system located outside the central n. s., e.g. including the autonomic nervous system.)  
*d* peripheres Nervensystem *n*  
*f* système *m* nerveux périphérique  
*p* sistema *m* nervoso periférico
- 4681 peripheric H<sub>1</sub>-histamine-receptors**  
 (Anat.)  
 (To be blocked by H<sub>1</sub>-antagonists, by antihistamines in allergy treatment.)  
*d* periphere H<sub>1</sub>-Rezeptoren *mpl* der Histamine  
*f* récepteurs-H<sub>1</sub> *mpl* périphériques des histamines  
*p* receptores *mpl* H<sub>1</sub> periféricos da histamina
- 4682 peripheric hormones**  
 (Horm.)  
 (Hormones which participate in the feedback system hypothalamus-hypophysis.)  
*d* periphere Hormone *npl*  
*f* hormones *fpl* périphériques  
*p* hormônios *mpl* periféricos
- 4683 peripheric sensitivity to insulin**  
 (Pharm.)  
 (Increased during treatment of diabetes with certain tablets.)  
*d* periphere Empfindlichkeit *f* gegenüber dem Insulin  
*f* sensibilité *f* périphérique à l'insuline  
*p* sensibilidade *f* periférica à insulina
- 4684 periphery of a molecule**  
 (Mol.)  
 (Ref. to molecular structures.)  
*d* Peripherie *f* eines Moleküls; Randgebiet *n* eines Moleküls  
*f* périphérie *f* d'une molécule  
*p* periferia *f* de uma molécula
- 4685 peritoneum**  
 (Anat.)  
 (Membrane of the abdominal cavity.)  
*d* Bauchfell *n*  
*f* péritoine *m*  
*p* peritônio *m*
- 4686 perlingual application**  
 (Med.)  
 (Medicament to be placed under the tongue.)  
*d* perlinguale Verabreichung *f*; Verabreichung *f* unter die zunge Administration  
*f* administration *f* perlinguale  
*p* aplicação *f* perlingual; aplicação *f* embaiso da lingua
- 4687 permanent effect of an antibiotic; lasting effect of an antibiotic**  
 (Ant.)  
 (Drug effect in antibiotherapy.)  
*d* Dauerwirkung *f* eines Antibiotikums; andauernder Wirkungserfolg *m* eines Antibiotikums  
*f* effet *m* permanent d'un antibiotique; effet *m* durable d'un antibiotique  
*p* efeito *m* permanente de um antibiótico; efeito *m* durável de um antibiótico

- \* **permanent hardness of water** → 4689
- 4688 permanent pain**  
(Med.)  
(Requiring analgesic treatment.)  
*d* anhaltender Schmerz *m*  
*f* douleur *f* permanente  
*p* dor *f* permanente
- 4689 permanent water hardness; permanent hardness of water**  
(Prod.)  
(Pharmaceutical technology; hardness caused by calcium sulphate (CaSO<sub>4</sub>): permanent water hardness; see also entry: water hardness; hardness of water)  
*d* bleibende Wasserhärte *f*; permanente Wasserhärte *f*  
*f* dureté *f* permanente de l'eau  
*p* dureza *f* permanente da água
- 4690 permeability alteration of the cellular fungi membrane**  
(Ant.)  
(Ref. to the action of polyene antifungals.)  
*d* Veränderung *f* der Durchlässigkeit der Pilzzellmembran  
*f* altération *f* de la perméabilité de la membrane cellulaire des fungus  
*p* alteração *f* da permeabilidade da membrana celular dos fungus
- 4691 pernicious an[**a**]emia**  
(Vit.)  
(Vitamin B<sub>12</sub> (cyanocobalamin)-deficiency disease; (defective red blood cell production and the presence of abnormal erythroblasts).)  
*d* perniziöse Anämie *f*  
*f* anémie *f* perniciouse  
*p* anemia *f* perniciosa
- 4692 peroral; through the mouth** *adv*  
(Med.)  
(Oral intake of a drug to be active via digestive system.)  
*d* peroral; durch den Mund  
*f* oral; par voie orale  
*p* peroral; pela boca
- 4693 peroxidase reaction**  
(Enz.)  
(An enzyme which catalyzes oxidation processes of chemical substances by peroxides; the peroxidase reaction test is important in the control of the enzymatic destruction of the active principle.)  
*d* Peroxidasen-Reaktion *f*  
*f* réaction *f* peroxydasique
- p* reação *f* de peroxidases
- 4694 peroxidases**  
(Enz.)  
(A H<sub>2</sub>O<sub>2</sub>-(a hydrogen peroxide) decomposing enzyme.)  
*d* Peroxydasen *fpl*  
*f* peroxydases *fpl*  
*p* peroxidases *fpl*
- 4695 perphenazine**  
(Prod.)  
(C<sub>21</sub>H<sub>26</sub>ClN<sub>3</sub>OS; medicamentous substance; antiemetic, see this entry.)  
*d* Perphenazin *n*  
*f* perphénazine *f*  
*p* perfenazina *f*
- \* **Persian bark** → 1092
- 4696 petrochemistry**  
(Prod.)  
(Pharmaceutical chemistry; industrial branch which elaborates chemical prime material from mineral oil and natural gas.)  
*d* Petrochemie *f*; Petrolchemie *f*  
*f* pétrochimie *f*; pétrolochimie *f*  
*p* petroquímica *f*
- 4697 petroleum derivat**  
(Prod.)  
(Pharmaceutical technology; ref. to active principles or intermediate products derived from petroleum.)  
*d* Mineralölderivat *n*; Erdölderivat *n*  
*f* dérivé *m* du pétrole  
*p* derivado *m* do petróleo
- 4698 petroleum distillate**  
(Prod.)  
(Prime material.)  
*d* Erdöldestillat *n*  
*f* distillat *m* pétrolier; distillat *m* de pétrole  
*p* destilado *m* de petróleo
- \* **pH** → 3261
- \* **phage** → 745
- 4699 pharmaceutical; pharmaco**  
(pharmaceuticals; pharmaca *pl*)  
(Prod.)  
(Active medicinal principle; substance used as a medicament.)  
*d* Pharmakon *n* (Pharmaka *npl*); Pharmazeutikum *n*; Arzneimittel *n*  
*f* pharmacon *m*; produit *m* pharmaceutique  
*p* fármaco *m*; produto *m* farmacêutico

- 4700 pharmaceutical auxiliary**  
(Prod.)  
(Pharmaceutical technology; auxiliaries; e.g. polyvinylpyrrolidone (PVP).)
- d* pharmazeutisches Hilfsmittel *n*;  
pharmazeutisches Hilfsprodukt *n*
- f* produit *m* auxiliaire pharmaceutique;  
adjuvant *m* pharmaceutique
- p* auxiliar *m* farmacêutico; produto *m* auxiliar farmacêutico
- (Prod.)  
(Pharmaceutical technology; ref. to a slow liberation of the active principle from the drug to maintain a constant concentration during an extended period.)
- d* pharmazeutische Form *f* anhaltender Wirkungsdauer; pharmazeutische Form *f* nachhaltiger Wirkungsdauer
- f* forme *f* pharmaceutique à action prolongée
- p* forma *f* farmacêutica de ação prolongada
- 4701 pharmaceutical chemistry; pharmacochemistry**  
(Prod.)  
(The basis of pharmaceutical technology, processes, research and production.)
- d* pharmazeutische Chemie *f*
- f* chimie *f* pharmaceutique; pharmacochimie *f*
- p* química *f* farmacêutica
- 4702 pharmaceutical form**  
(Prod.)  
(Pharmaceutical technology: presentation form containing the drug, the medicamentous substances and auxiliaries; pharmaceutical end product.)
- d* pharmazeutische Form *f*
- f* forme *f* pharmaceutique
- p* forma *f* farmacêutica
- 4703 pharmaceutical form as powder**  
(Prod.)  
(Pharmaceutical technology: these pharmaceutical/cosmetical final forms are called in German: Puder *m/n*, in Portuguese: talco *m*.)
- d* pharmazeutische Form *f* als Puder
- f* forme *f* pharmaceutique comme poudre
- p* forma *f* farmacêutica como talco
- 4704 pharmaceutical form of artificial origin**  
(Prod.)  
(Pharmaceutical chemistry; product origin.)
- d* pharmazeutische Form *f* künstlichen Ursprunges
- f* forme *f* pharmaceutique d'origine artificielle
- p* forma *f* farmacêutica de origem artificial
- 4705 pharmaceutical form of natural origin**  
(Prod.)  
(Pharmaceutical chemistry; product origin.)
- d* pharmazeutische Form *f* natürlichen Ursprunges
- f* forme *f* pharmaceutique d'origine naturelle
- p* forma *f* farmacêutica de origem natural
- 4706 pharmaceutical form of prolonged activity**  
(Prod.)  
(Pharmaceutical chemistry; product origin.)
- d* pharmazeutische Form *f* synthetischen Ursprungs
- f* forme *f* pharmaceutique d'origine synthétique
- p* forma *f* farmacêutica de origem sintética
- 4707 pharmaceutical form of synthetic origin**  
(Prod.)  
(Pharmaceutical chemistry; product origin.)
- d* pharmazeutische Form *f* synthetischen Ursprungs
- f* forme *f* pharmaceutique d'origine synthétique
- p* forma *f* farmacêutica de origem sintética
- 4708 pharmaceutical forms destined for external application**  
(Prod.)  
(Pharmaceutical technology: application on the skin, on the mucous membranes.)
- d* pharmazeutische Formen *fpl* bestimmt zur äußerlichen Anwendung
- f* formes *fpl* pharmaceutiques destinées à la voie externe d'application
- p* formas *fpl* farmacêuticas destinadas à via externa de aplicação
- 4709 pharmaceutical forms for application on the skin**  
(Prod.)  
(Pharmaceutical technology; creams, lotions; milks, soaps etc.)
- d* pharmazeutische Formen *fpl* zum Auftragen auf die Haut
- f* formes *fpl* pharmaceutiques pour application sur le peau
- p* formas *fpl* farmacêuticas para aplicação sobre a pele
- 4710 pharmaceutical forms obtained by dissolution processes**  
(Prod.)  
(Pharmaceutical technology: e.g. in water: infusions, potions etc.; also: alcoholic tinctures; in sugar: syrups. Medicinal wines etc.)
- d* pharmazeutische Formen *fpl* durch Auflösung erhalten
- f* formes *fpl* pharmaceutiques obtenues par dissolution
- p* formas *fpl* farmacêuticas obtidas por dissolução

- 4711 pharmaceutical forms obtained by division processes**  
(Prod.)  
(Pharmaceutical technology: e.g. emulsions, suspensions etc.)  
*d* pharmazeutische Formen *fpl* durch Trennungsprozesse erhalten  
*f* formes *fpl* pharmaceutiques obtenues par division  
*p* formas *fpl* farmacêuticas obtidas por divisão
- 4712 pharmaceutical forms with retarded action of liberation**  
(Prod.)  
(Pharmaceutical chemistry; medicament characteristic.)  
*d* pharmazeutische Formen *fpl* mit verzögerter Freigabe  
*f* formes *fpl* pharmaceutiques à action retard; formes *fpl* pharmaceutiques à action prolongée  
*p* formas *fpl* farmacêuticas de ação retardada; formas *fpl* farmacêuticas de ação prolongada
- 4713 pharmaceutical grade**  
(Prod.)  
(Pharmaceutical technology; product characteristic.)  
*d* pharmazeutische Qualität *f*; Pharma-Qualität *f*  
*f* qualité *f* pharmaceutique  
*p* grau *m* farmacêutico
- 4714 pharmaceutical grade-nicotinamide**  
(Vit.)  
(Vitamin biochemistry; calculated as 90/95% on nicotinic acid.)  
*d* Nicotinsäureamid *n* pharmazeutischen Grades  
*f* nicotinamide *m* de degré pharmaceutique  
*p* nicotinamida *f* de grau farmacêutica
- 4715 pharmaceutical incompatibilities due to interaction of chemical substances**  
(Prod.)  
(Pharmaceutical chemistry; a stability problem, ref. to interactions which may cause undesirable modifications within the medicinal drug.)  
*d* pharmazeutische Unverträglichkeiten *fpl* aufgrund von Zwischenwirkungen der chemischen Substanzen  
*f* incompatibilités *mpl* pharmaceutiques en vertu d'interaction des substances chimiques  
*p* incompatibilidades *fpl* farmacêuticas em virtude de interações das substâncias químicas
- 4716 pharmaceutical industry**  
(Prod.)  
(Industry for the research and production of pharmaceuticals.)  
*d* Pharmaindustrie *f*; pharmazeutische Industrie *f*  
*f* industrie *f* pharmaceutique  
*p* indústria *f* farmacêutica
- 4717 pharmaceutical laboratory**  
(Prod.)  
(Laboratory of pharmaceutical chemistry, research and production.)  
*d* Pharmalabor *n*  
*f* laboratoire *m* de pharmacie  
*p* laboratório *m* farmacêutico
- 4718 pharmaceutical lemonade**  
(Prod.)  
(Pharmaceutical technology; pharmaceutical form; solution of acid in water, containing syrup and sugar)  
*d* pharmazeutische Limonade *f*  
*f* limonade *f* pharmaceutique  
*p* limonada *f* farmacêutica
- 4719 pharmaceutical lemonade as a purgative**  
(Prod.)  
(Pharmaceutical chemistry; lemonade as a pharmaceutical form.)  
*d* pharmazeutische Limonade *f* als Abführmittel  
*f* limonade *f* pharmaceutique comme purgatif  
*p* limonada *f* farmacêutica como purgativo
- 4720 pharmaceutical operation**  
(Prod.)  
(Pharmaceutical process.)  
*d* pharmazeutisches Verfahren *n*  
*f* opération *f* pharmaceutique  
*p* operação *f* farmacêutica
- 4721 pharmaceutical preparation**  
(Prod.)  
(Pharmaceutical technology.)  
*d* pharmazeutische Zubereitung *f*  
*f* préparation *f* pharmaceutique  
*p* preparação *f* farmacêutica; composto *m* farmacêutico
- 4722 pharmaceutical preparation of pasty consistency**  
(Prod.)  
(Pharmaceutical chemistry; substance property.)  
*d* pharmazeutische Präparate *npl* pastöser Beschaffenheit  
*f* préparations *fpl* pharmaceutiques de consistance pâteuse  
*p* preparações *fpl* farmacêuticas de consistência pastosa



- 4723 pharmaceutical preparations of semi-soft consistency**  
(Prod.)  
(Pharmaceutical chemistry; substance property.)  
*d* pharmazeutische Präparate *npl* halbweicher Beschaffenheit  
*f* préparations *fpl* pharmaceutiques de consistance semi-molles  
*p* preparações *fpl* farmacêuticas de consistência semimoles
- 4724 pharmaceutical preparations which contain moisture sensitive medicinal drugs**  
(Prod.)  
(Pharmaceutical technology.)  
*d* pharmazeutische Zubereitungen *fpl* welche feuchtigkeitsanfällige Wirkstoffe enthalten  
*f* préparations *fpl* pharmaceutiques contenant des principes actifs sensibles à l'humidité  
*p* preparações *fpl* farmacêuticas que contêm princípios ativos sensíveis à umidade
- 4725 pharmaceutical production operations**  
(Prod.)  
(Pharmaceutical processes; e.g. filtration, separation processes, screening process; distillation etc.)  
*d* pharmazeutische Arbeitsvorgänge *fpl* der Produktion  
*f* opérations *fpl* pharmaceutiques de production  
*p* operações *f* farmacêuticas de produção
- 4726 pharmaceutical retard forms for the oral route**  
(Prod.)  
(Pharmaceutical technology; oral drug form with delayed action.)  
*d* pharmazeutische Formen *fpl* verzögerter Freigabe für den oralen Weg  
*f* formes *fpl* pharmaceutiques retard pour la voie orale  
*p* formas *fpl* farmacêuticas de retarde por via oral
- 4727 pharmaceutical specialties**  
(Prod.)  
(Ref. to pharmaceutical forms; drugs.)  
*d* pharmazeutische Spezialitäten *fpl*  
*f* spécialités *fpl* pharmaceutiques  
*p* especialidades *fpl* farmacêuticos
- 4728 pharmaceutical substances of soft consistency**  
(Prod.)  
(Pharmaceutical chemistry; substance property.)  
*d* pharmazeutische Substanzen *fpl* weicher Beschaffenheit  
*f* substances *fpl* pharmaceutiques de consistance molle  
*p* substâncias *fpl* farmacêuticas de consistência mole
- 4729 pharmaceutical syrup preparation**  
(Prod.)  
(Pharmaceutical technology, a pharmaceutical form.)  
*d* pharmazeutische Siruppräparate *npl*  
*f* préparations *fpl* pharmaceutiques de sirop  
*p* preparações *fpl* farmacêuticas de xarope; preparados *npl* farmacêuticos de xarope
- 4730 pharmaceutical technology**  
(Prod.)  
(Ref. to the production of medicaments)  
*d* pharmazeutische Technologie *f*  
*f* technique *f* pharmaceutique  
*p* tecnologia *f* farmacêutica
- 4731 pharmaceutical technology of solid vitamin drugs**  
(Vit.)  
(Vitamin technology; ref. to the production of vitamin forms.)  
*d* pharmazeutische Technologie *f* der Vitaminarzneimittel in fester Form  
*f* technique *f* pharmaceutique des médicaments vitaminiques solides  
*p* tecnologia *f* farmacêutica de medicamentos sólidos à base de vitaminas
- 4732 pharmaceutical vitamin products**  
(Vit.)  
(Specific vitamin preparations.)  
*d* pharmazeutische Vitaminprodukte *npl*  
*f* produits *mpl* pharmaceutiques de vitamines  
*p* produtos *mpl* farmacêuticos de vitaminas
- \* **pharmaco** → 4699
- \* **pharmacochemical** → 1231
- 4733 pharmaco-chemical test**  
(Prod.)  
(Pharmaceutical chemistry.)  
*d* pharmakochemischer Versuch *m*  
*f* essai *m* pharmacochimique  
*p* teste *m* farmacoquímico
- \* **pharmacochemistry** → 4701
- 4734 pharmacodiagnosis**  
(Med.)  
(Diagnosis elaboration by means of medication.)

- d* Pharmakodiagnose *f*  
*f* pharmacodiagnostic *m*  
*p* farmacodiagnóstico *m*
- 4735 pharmacodynamic** *adj*  
 (Med.)  
 (See entry: pharmacodynamics; effective as medicinal drug.)  
*d* pharmakodynamisch  
*f* pharmacodynamique  
*p* farmacodinâmico
- 4736 pharmacodynamic actions of the vitamin**  
 (Vit.)  
 (Vitamin biochemistry/physiology; ref. to the reactions between the vitamin and the living organism.)  
*d* pharmakodynamische Wirkungen *fpl* des Vitamins  
*f* actions *fpl* pharmacodynamiques de la vitamine  
*p* ações *fpl* farmacodinâmicas da vitamina
- 4737 pharmacodynamic property**  
 (Med.)  
 (See entry: pharmacodynamic.)  
*d* pharmakodynamische Eigenschaft *f*; arzneimittelwirksame Eigenschaft *f*  
*f* propriété *f* pharmacodynamique  
*p* propriedade *f* farmacodinâmica; característica *f* farmacodinâmica
- 4738 pharmacodynamics**  
 (Med.)  
 (Study of the effects of medicinal drugs.)  
*d* Pharmakodynamik *f*  
*f* pharmacodynamie *f*  
*p* farmacodinâmica *f*
- 4739 pharmacodynamic toxicity of a vitamin**  
 (Vit.)  
 (Vitamin technology; characteristic of certain vitamin, e.g. vitamin A, vitamins of the B-group.)  
*d* pharmakodynamische Toxizität *f* eines Vitamins  
*f* toxicité *f* pharmacodynamique d'une vitamine  
*p* toxicidade *f* farmacodinâmica de uma vitamina
- 4740 pharmacogenetics**  
 (Cyt.)  
 (Genetically oriented pharmacokinetics; see entry: pharmacokinetics.)  
*d* Pharmakogenetik *f*  
*f* pharmacogénétique *f*  
*p* farmacogenética *f*
- 4741 pharmacognosy**  
 (Med.)  
 (Descriptive pharmacology, studying medicamentous material and (raw) medicinal drugs.)  
*d* Pharmakognosie *f*  
*f* pharmacognosie *f*  
*p* farmacognosia *f*
- 4742 pharmacography**  
 (Med.)  
 (Treatise on medicamentous substances.)  
*d* Pharmakographie *f*;  
 Arzneimittelbeschreibung *f*  
*f* pharmacographie *f*  
*p* farmacografia *f*
- 4743 pharmacokinetics**  
 (Pharm.)  
 (Study of the interaction between an administered medicinal drug and the organism, ref. to the absorption, metabolism and excretion of the active principle.)  
*d* Pharmakokinetik *f*  
*f* pharmacocinétique *f*  
*p* farmacocinética *f*
- 4744 pharmacological action of a medicinal drug**  
 (Pharm.)  
 (The pharmacological action of a drug starts with its disintegration within the human body.)  
*d* pharmakologische Wirkungsweise *f* eines Arzneimittels  
*f* action *f* pharmacologique d'un médicament  
*p* ação *f* farmacológica de um medicamento
- 4745 pharmacological activity of a medicamentous molecule**  
 (Prod.)  
 (Pharmaceutical; ref. to the properties of a medicamentous molecule with relation to its therapeutic value.)  
*d* pharmakologische Wirkung *f* eines medicamentösen Moleküls  
*f* activité *f* pharmacologique d'une molécule médicamenteuse  
*p* atividade *f* farmacológica de uma molécula medicamentosa
- \* **pharmacological essay** → 2109
- 4746 pharmacologically active substances**  
 (Prod.)  
 (Pharmaceutical technology: active principles.)  
*d* pharmakologisch aktive Substanzen *fpl*

- f* substances *fpl* actives dans la pharmacologie  
*p* substâncias *fpl* farmacologicamente ativos
- 4747 pharmacological use of retinoids in prophylaxis/treatment of tumors**  
 (Vit.)  
 (Vitamin biochemistry; retinoids are analogues of vitamin A.)  
*d* pharmalogischer Einsatz *m* der Retinoide in der Prophylaxe/Behandlung von Tumoren  
*f* utilisation *f* pharmacologique des rétinoides dans la prophylaxie/le traitement des tumeurs  
*p* utilização *f* farmacológico dos retinóides na profilaxia/no tratamento de tumores
- 4748 pharmacologic effect**  
 (Pharm.)  
 (Pharmaceutical chemistry; ref. e.g. to new medicaments in research etc.)  
*d* pharmakologische Wirkung *f*  
*f* effet *m* pharmacologique  
*p* efeito *m* farmacológico
- 4749 pharmacology**  
 (Med.)  
 (Science of medicinal drugs and medicamentous substances etc, therapeutic reaction of drugs.)  
*d* Pharmakologie *f*; Arzneimittelkunde *f*  
*f* pharmacologie *f*  
*p* farmacologia *f*
- 4750 pharmacomodulation**  
 (Prod.)  
 (Pharmaceutical technology; process of molecule modulation to confer a higher targetable pharmacologic activity to the final drug.)  
*d* Pharmakomodulation *f*  
*f* pharmacomodulation *f*  
*p* farmacomodulação *f*
- 4751 pharmacop[oi]eia**  
 (Prod.)  
 (A book describing chemicals, drugs, chemical/pharmaceutical technology.)  
*d* Pharmakopöe *f*; amtliches Arzneibuch *n*  
*f* pharmacopée *f*  
*p* farmacopéia *f*
- 4752 pharynx**  
 (Anat.)  
 (E.g. passage-way for food.)  
*d* Pharynx *m*; Schlund *m*; Rachen *m*  
*f* pharynx *m*  
*p* faringe *f*
- 4753 phase of latency in the growth of microorganisms**  
 (Enz.)  
 (Biotechnology; ref. to microbial cultures in research and production processes.)  
*d* Ruhephase *f* des Mikroorganismenwachstums; Latenzphase *f* des Mikroorganismenwachstums  
*f* phase *f* de latence de la croissance des microorganismes  
*p* fase *f* de latência no crescimento dos microorganismos
- 4754 phase separation**  
 (Prod.)  
 (Pharmaceutical technology; may occur in emulsions.)  
*d* Phasentrennung *f*  
*f* séparation *f* des phases; ségrégation *f* des phases  
*p* separação *f* das fases
- 4755 pH-dependent hydrolysis**  
 (Prod.)  
 (Pharmaceutical technology.)  
*d* pH-wertabhängige Hydrolyse *f*  
*f* hydrolyse *f* dépendante du pH  
*p* hidrólise *f* dependente do pH
- 4756 phenacetin**  
 (Prod.)  
 (C<sub>10</sub>H<sub>13</sub>NO<sub>2</sub>; acetophenetidine; medicamentous substance; analgesic, antipyretic, see these entries.)  
*d* Phenacetin *n*  
*f* phénacétine *f*  
*p* fenacetina *f*
- 4757 phenanthrene**  
 (Prod.)  
 (C<sub>14</sub>H<sub>10</sub>; see entries: alkaloids with nonnitrogenous cycles and alkaloid.)  
*d* Phenanthren *n*  
*f* phénanthrène *m*  
*p* fenantreno *m*
- 4758 phenobarbital**  
 (Prod.)  
 (C<sub>12</sub>H<sub>12</sub>N<sub>2</sub>O<sub>3</sub>; medicamentous substance; sedative, anticonvulsant; see entry: antiepileptic medicine.)  
*d* Phenobarbital *n*  
*f* phénobarbital *m*  
*p* fenobarbital *m*
- 4759 phenolic derivatives as basis of disinfectants**  
 (Prod.)  
 (Pharmaceutical technology; e.g. chlorinated phenols.)

- d* Phenolderivate *npl* als Grundlage von Desinfektionsmitteln
- f* dérivés *npl* phénoliques comme base de désinfectants
- p* derivados *npl* fenólicos como base de desinfetantes
- 4760 phenomenon of crystallization**  
(Prod.)  
(Pharmaceutical chemistry; product assuming crystalline form.)
- d* Kristallisationserscheinung *f*; Phänomen *n* der Kristallisierung
- f* phénomène *m* de cristallisation
- p* fenômeno *m* de cristalização
- 4761 phenothiazine**  
(Prod.)  
(C<sub>12</sub>H<sub>9</sub>NS; thidiphenylamin; original active principle (see entry). Use: e.g. antihistaminic agent, psychopharmacology.)
- d* Phenothiazin *n*
- f* phénothiazine *f*
- p* fenotiazina *f*
- 4762 phenylalanine**  
(Enz.)  
(Enzymology; C<sub>9</sub>H<sub>11</sub>NO<sub>2</sub>; an essential amino acid.)
- d* Phenylalanin *n*
- f* phénylalanine *f*
- p* fenilalanina *f*
- 4763 phenylbutazone**  
(Prod.)  
(C<sub>19</sub>H<sub>20</sub>N<sub>2</sub>O<sub>2</sub>; original active principle (see entry). Use: antipyretic (fever-reducing), analgesic, anti-inflammatory etc.)
- d* Phenylbutazon *n*
- f* phénylbutazone *f*
- p* fenilbutazona *f*
- 4764 phenylephrine hydrochloride**  
(Prod.)  
(C<sub>9</sub>H<sub>14</sub>ClNO<sub>2</sub>; medicamentous substance; sympathomimetic agent; see entry: sympathomimetic.)
- d* Phenylephrinhydrochlorid *n*
- f* hydrochlorure *m* de phényléphrine
- p* hidrocloreto *m* de fenilefrina
- 4765 phenylethylamine**  
(Prod.)  
(C<sub>8</sub>H<sub>11</sub>N; alkaloids with nonnitrogenous cycles. Phenylethylamine derivatives; see entry: alkaloid.)
- d* Phenyläthylamin *n*
- f* phényléthylamine *f*
- p* feniletilamina *f*
- 4766 pheromone**  
(Horm.)  
(Messenger molecules of interindividual activity of the endocrine glands (ductless glands) for communication purposes (of animals) – by stimulus – with other individuals of the same species (e.g. sebaceous glands).)
- d* Pheromon *n*
- f* phéromone *f*
- p* feromônio *m*
- 4767 phosphatase**  
(Enz.)  
(A phosphatic esters hydrolyzing enzyme.)
- d* Phosphatase *f*
- f* phosphatase *f*
- p* fosfatase *f*
- 4768 phosphate bonds rich in energy; energy-rich phosphate bonds**  
(Enz.)  
(Ref. to adenosine triphosphate (ATP).)
- d* energiereiche Phosphatbindungen *fpl*
- f* liaisons *npl* phosphates riches en énergie
- p* ligações *fpl* fosfáticas ricas em energia
- 4769 phosphocalcic equilibrium of the organism**  
(Horm.)  
(Regulated e.g. by the PTH; see entry: parathyroid hormone.)
- d* Phosphor/Calcium-Gleichgewicht *n* des Organismus
- f* équilibre *m* phospho-calcique de l'organisme
- p* equilibrio *m* fosfórico/cálcico no organismo
- 4770 phospholipase**  
(Enz.)  
(The enzyme phospholipase A2 intervenes in the release of pain-transmitting prostaglandines.)
- d* Phospholipase *f*
- f* phospholipase *f*
- p* fosfolípase *f*
- 4771 phosphoprotein**  
(Enz.)  
(Phosphoric acid-containing protein, as e.g. casein.)
- d* Phosphoprotein *n*
- f* phosphoprotéine *f*
- p* fosfoproteína *f*
- 4772 phosphoric acid**  
(Prod.)  
(Pharmaceutical chemistry; H<sub>3</sub>PO<sub>4</sub> – pH-modifier; acidifier.)

- d* Phosphorsäure *f*  
*f* acide *m* phosphorique  
*p* ácido *m* fosfórico
- 4773 phosphorolysis**  
 (Enz.)  
 (Biochemical reversible reaction; a type of hydrolysis of the glycoside bond by uptaking of anorg. phosphate and linkage with phosphoric acid, forming glucose-1-phosphate.)  
*d* Phosphorolyse *f*  
*f* phosphorolyse *f*  
*p* fosforolise *f*
- 4774 phosphorylase**  
 (Enz.)  
 (Enzyme in the liver and muscles; final product of enzymatic glycogen decomposition.)  
*d* Phosphorylase *f*  
*f* phosphorylase *f*  
*p* fosforilase *f*
- 4775 phosphorylase activation**  
 (Med.)  
 (Ref. to the opposite activity of glucagon and insulin in the control of glyc[a]emia.)  
*d* Aktivierung *f* der Phosphorylase  
*f* activation *f* de la phosphorylase  
*p* ativação *f* da fosforilase
- 4776 phosphorylated vitamin forms**  
 (Vit.)  
 (Vitamin physiology.)  
*d* phosphorylierte Vitamin-Formen *fpl*  
*f* formes *fpl* phosphorylées de la vitamine  
*p* formas *fpl* fosforiladas da vitamina
- 4777 phosphorylation**  
 (Enz.)  
 (E.g. ref. to the Krebs(citric acid)-cycle.)  
*d* Phosphorylierung *f*  
*f* phosphorylation *f*  
*p* fosforilação *f*
- 4778 phosphorylation of thiamin[e]**  
 (Vit.)  
 (Process in vitamin biochemistry.)  
*d* Thiamin-Phosphorylierung *f*  
*f* phosphorylation *f* de la thiamine  
*p* fosforilação *f* da tiamina
- 4779 photochemical conversion of the provitamin steroid**  
 (Vit.)  
 (Vitamin technology; ref. to a part of the vitamin D-synthesis.)  
*d* photochemische Umwandlung *f* des Provitaminsteroids  
*f* conversion *f* photochimique du stéroïde provitaminique  
*p* conversão *f* fotoquímica do esteróide provitamínico
- 4780 photographs of infra-red spectra; photographs of infra-red spectrums**  
 (Prod.)  
 (Pharmaceutical technology; ref. to UV-transmission in solvents.)  
*d* Photographien *fpl* von Infrarot-Spektren  
*f* enregistrements *mpl* de spectres IR  
*p* fotografias *fpl* de espectros infravermelhos
- \* **photographs of infra-red spectrums** → **4780**
- 4781 photolysis**  
 (Vit.)  
 (Vitamin technology; decomposition action (due to the influence of light) that may effect the vitamins during processing.)  
*d* Photolyse *f*  
*f* photolyse *f*  
*p* fotólise *f*
- 4782 photolytic decomposition**  
 (Prod.)  
 (Pharmaceutical technology; phenomena: decomposition of chemical compounds by light.)  
*d* photolytischer Zerfall *n*; photolytische Zersetzung *f*  
*f* décompositon *f* photolytique  
*p* decomposição *f* fotolítica
- 4783 photolytic effect of light on vitamins**  
 (Vit.)  
 (Vitamin technology; ref. to the sensitivity of vitamins to light, regarding their chemical stability.)  
*d* photolytische Auswirkung *f* des Lichts auf Vitamine  
*f* effet *m* photolytique de la lumière sur les vitamines  
*p* efeito *m* fotolítico da luz nas vitaminas
- 4784 photometric analysis**  
 (Prod.)  
 (Pharmaceutical technology, chemical analysis method.)  
*d* photometrische Analyse *f*;  
 Lichtmessungsanalyse *f*  
*f* analyse *f* photométrique  
*p* análise *f* fotométrica

- 4785 photometric determination**  
(Prod.)  
(Pharmaceutical technology; analytical processes.)  
*d* photometrische Bestimmung *f*; Bestimmung *f* durch Lichtmessung  
*f* dosage *m* photométrique; détermination *f* photométrique  
*p* determinação *f* fotométrica
- \* **photosensitive** → 3788
- 4786 photosensitivity**  
(Vit.)  
(Photosensitivity e.g. of vitamins which are sensitive to the action of radiant energy.)  
*d* Lichtempfindlichkeit *f*  
*f* sensibilité *f* lumineuse  
*p* fotossensibilidade *f*
- 4787 photostabilizer**  
(Vit.)  
(Ref. to certain auxiliaries used in vitamin preparations.)  
*d* Photostabilisator *m*  
*f* photostabilisant *m*  
*p* fotoestabilizador *m*
- 4788 pH-range**  
(Prod.)  
(Pharmaceutical technology; ref. to desired tolerances given to pH-values, e.g. in a process.)  
*d* pH-Bereich *m*  
*f* zone *f* du pH  
*p* região *f* do pH
- \* **pH-value** → 3261
- \* **phylum** → 2071
- 4789 physical condensation**  
(Prod.)  
(Pharmaceutical chemistry; e. g. ref. to conversion of a substance from the gaseous/steamy stage into the liquid one.)  
*d* physikalische Kondensation *f*  
*f* condensation *f* physique  
*p* condensação *f* física
- 4790 physical control of the tablets**  
(Prod.)  
(Pharmaceutical processes, in tableting; e. g. control of resistance, control of disintegration time etc.)  
*d* physikalische Kontrolle *f* der Tabletten  
*f* contrôle *m* physique des comprimés  
*p* controle *m* físico dos comprimidos
- 4791 physical corpuscular division in the gaseous phase**  
(Prod.)  
(Pharmaceutical processes; ref. to gaseous dispersion.)  
*d* physikalische Teilchengrößen-Teilung *f* in der Gasphase  
*f* division *f* physique corpusculaire en phase gazeuse  
*p* divisão *f* corpuscular física na fase gasosa
- 4792 physical corpuscular division in the liquid phase**  
(Prod.)  
(Pharmaceutical processes; ref. to liquid dispersion.)  
*d* physikalische Teilchengrößen-Teilung *f* in der flüssigen Phase  
*f* division *f* physique corpusculaire en phase liquide  
*p* divisão *f* corpuscular física na fase líquida
- 4793 physical equilibrium**  
(Prod.)  
(Balance; state of a system where the quantities are constant in time or where action and counteraction neutralize each other.)  
*d* physikalisches Gleichgewicht *n*  
*f* équilibre *m* physique  
*p* equilíbrio *m* físico
- 4794 physical examination**  
(Med.)  
(Medical check-up.)  
*d* ärztliche Untersuchung *f*  
*f* examen *m* médical  
*p* exame *m* médico
- 4795 physical incompatibilities in pharmaceutical chemistry**  
(Prod.)  
(Pharmaceutical chemistry; ref. undesirable physical reactions, e.g. stability problems with hygroscopic powders, precipitation problems and others.)  
*d* physikalische Unverträglichkeiten *fpl* in der pharmazeutischen Chemie  
*f* incompatibilités *fpl* physiques dans la chimie pharmaceutique  
*p* incompatibilidades *fpl* físicas na química farmacêutica
- 4796 physically crosslinked** *adj*  
(Prod.)  
(Pharmaceutical technology; chemistry, e.g. ref. to polyvinylpyrrolidone.)  
*d* physikalisch vernetzt

- f* reticulé physiquement  
*p* reticulado fisicamente
- 4797 physically modified vitamin composition**  
(Vit.)  
(Vitamin technology; e.g. beta-carotene, dry powder; retinyl acetate, oily solution; compare entry: chemical vitamin derivative.)  
*d* physikalisch modifizierte Vitamin-Zusammenstellung *f*; physikalisch abgeänderte Vitamin-Zusammenstellung *f*  
*f* composition *f* vitaminique physiquement modifiée  
*p* composição *f* vitamínica fisicamente modificada
- 4798 physically stable vitamin emulsion**  
(Vit.)  
(Vitamin technology; e.g. ref. to vitamin-emulsions containing various vitamin types.)  
*d* physisch stabile Vitaminemulsion *f*  
*f* émulsion *f* vitaminique physiquement stable  
*p* emulsão *f* de vitaminas fisicamente estável
- 4799 physical mixture**  
(Vit.)  
(Vitamin technology; e.g. ref. to vitamin formulations.)  
*d* physikalische Mischung *f*  
*f* mélange *m* physique  
*p* mistura *f* física
- 4800 physical mixture of vitamins**  
(Vit.)  
(Vitamin technology; e.g. ref. to vitamin formulations.)  
*d* physikalische Mischung *f* von Vitaminen  
*f* mélange *m* physique de vitamines  
*p* mistura *f* física de vitaminas
- 4801 physical mixture with the active ingredient**  
(Prod.)  
(Pharmaceutical technology; e.g. ref. to pharmaceutical formulations.)  
*d* physikalische Mischung *f* mit der Wirksubstanz  
*f* mélange *m* physique avec le principe actif  
*p* mistura *f* física com a substância ativa
- 4802 physical properties of a substance**  
(Prod.)  
(Pharmaceutical chemistry.)  
*d* physikalisch Eigenschaften *fpl* eines Stoffes  
*f* propriétés *fpl* physiques d'une substance
- p* propriedades *fpl* físicas de uma substância
- 4803 physical properties of the vitamin powder**  
(Vit.)  
(Vitamin technology; vitamin prime material characteristics.)  
*d* physikalische Eigenschaften *fpl* des Vitaminpulvers  
*f* propriétés *fpl* physiques de la poudre vitaminique  
*p* propriedades *fpl* físicas do pó vitamínico
- 4804 physical sterilization process**  
(Prod.)  
(Pharmaceutical technology: sterilization by heat or by ionizing radiation.)  
*d* physikalischer Sterilisationsprozess *m*; physikalischer Sterilisierungsprozess *m*  
*f* procédé *m* de stérilisation physique  
*p* processo *m* de esterilização física
- 4805 physical tablet characteristic**  
(Prod.)  
(Pharmaceutical technology; see: "friability" which is evaluated, e.g. by loss on test-rolling of the tablet.)  
*d* physikalische Tabletten-Beschaffenheit *f*  
*f* caractéristique *f* physique du comprimé  
*p* característica *f* física do comprimido
- 4806 physical tablet quality**  
(Prod.)  
(Pharmaceutical technology; see: "friability" which is evaluated, e.g. by loss on test-rolling of the tablet.)  
*d* physikalische Tabletten-Beschaffenheit *f*  
*f* qualité *f* physique du comprimé  
*p* qualidade *f* física do comprimido
- 4807 physico-chemical characteristics of the proteins**  
(Enz.)  
(Enzymology; depending on certain properties of the amino acids.)  
*d* physikochemische Eigenschaften *fpl* der Proteine  
*f* caractéristiques *fpl* physicochimiques des protéines  
*p* características *fpl* físico-químicas das proteínas
- 4808 physico-chemical nature**  
(Prod.)  
(Pharmaceutical chemistry; ref. to characteristics of a pharmaceutical substance.)  
*d* physikochemische Natur *f*  
*f* nature *f* physico-chimique  
*p* natureza *f* físico-química

- 4809 physico-chemical procedure of retard liberation**  
(Mol.)  
(Due to structural and molecular modification (from simple molecules to complexes, causing resorption delay) of the medicamentous substances to ensure progressive liberation.)  
*d* physikochemische Verfahrensweise *f* der verzögerten Freigabe  
*f* procédé *m* de libération en retard physico-chimique  
*p* procedimento *m* de liberação de retarde físico-químico
- 4810 physico-chemical stabilization of pharmaceutical preparations**  
(Prod.)  
(Pharmaceutical technology: by means of stabilizing agents which promote the equilibrium of the components within the medium without modifying their characteristics.)  
*d* physikochemische Stabilisierung *f* von pharmazeutischen Zubereitungen  
*f* stabilisation *f* physico-chimique de préparations pharmaceutiques  
*p* estabilização *f* físico-química de preparações farmacêuticas
- 4811 physiological activity**  
(Pharm.)  
(Activity of a medicinal drug within the functioning of the living organism.)  
*d* physiologische Wirkung *f*  
*f* activité *f* physiologique  
*p* atividade *f* fisiológica
- 4812 physiological activity of adiuretin is the reabsorption of water**  
(Horm.)  
(Example of the physiological effect of a hormone; see also: vasoconstrictive pharmacological effect of adiuretin.)  
*d* physiologische Wirkung *f* des Adiuretins ist die Wasserrückresorption  
*f* activité *f* physiologique de l'adiurétine est la réabsorption de l'eau  
*p* atividade *f* fisiológica da adiuretina é a reabsorção da água
- 4813 physiological calorific generation**  
(Enz.)  
(Biotechnology; ref. to heat generation by living beings.)  
*d* physiologische Eigenwärmeerzeugung *f*  
*f* calorification *f*  
*p* calorificação *f*
- 4814 physiological chemistry**  
(Med.)  
(Branch of chemistry concerned with the study of functions of organs, cells etc.)  
*d* physiologische Chemie *f*  
*f* chimie *f* physiologique  
*p* química *f* fisiológica
- 4815 physiological functions of hormones**  
(Horm.)  
(Ref. to hormone biochemistry/physiology.)  
*d* physiologische Funktionen *fpl* der Hormone  
*f* fonctions *fpl* physiologiques des hormones  
*p* funções *fpl* fisiológicas dos hormônios
- 4816 physiological incompatibilities in pharmaceutical chemistry**  
(Prod.)  
(Pharmaceutical chemistry; e.g. because of pharmacodynamic alterations due to interactions between the therapeutic substances.)  
*d* physiologische Unverträglichkeiten *fpl* in der pharmazeutischen Chemie  
*f* incompatibilités *mpl* physiologiques dans la chimie pharmaceutique  
*p* incompatibilidades *fpl* fisiológicas na química farmacêutica
- 4817 physiologically very active drug**  
(Pharm.)  
(Ref. to drug activity within the functioning of the living organism; see entry: heroic drug; potent drug.)  
*d* physiologisch sehr wirksame Droge *f*  
*f* drogue *f* physiologiquement très active  
*p* droga *f* fisiologicamente muito ativa
- 4818 physiological regulation process by the vitamins**  
(Vit.)  
(Vitamin physiology; e.g. vitamin action in cellular activity.)  
*d* physiologischer Steuerungsprozess *m* durch die Vitamine  
*f* processus *m* physiologique de régulation par des vitamines  
*p* processo *m* fisiológico de regulação pelas vitaminas
- 4819 physiological tests of disintegration of the tablet**  
(Prod.)  
(Pharmaceutical technology: laboratory tests in animals; control of tablet properties, tablet qualities.)  
*d* physiologische Prüfung *f* des Tablettenzerfalles



- f* tests *mpl* physiologiques de désintégration do comprimé  
*p* exames *mpl* fisiológicos de desintegração do comprimido
- 4820 physiologic protein minimum**  
 (Enz.)  
 (Protein minimum necessary in physiology.)  
*d* physiologisches Protein-Minimum *n*  
*f* minimum *m* physiologique en protéines  
*p* mínimo *m* fisiológico de proteínas
- 4821 physostigma; calabar bean**  
 (Phyto.)  
 ("Physostigmavenenosum Balf., Leguminosae"; poisonous plant; active principle: eserine, also: physostigmine (C<sub>15</sub>H<sub>21</sub>O<sub>2</sub>N<sub>3</sub>); use e.g. in glaucoma (for eye pupil contraction).)  
*d* Kalabarbohne *f*  
*f* physostigma *m*; feve *f* de Calabar  
*p* fava-de-calabar *f*
- \* **physostigmine** → 2414
- 4822 phytomenadione – vitamin K<sub>1</sub>**  
 (Vit.)  
 (Vitamin physiology/biochemistry; C<sub>31</sub>H<sub>46</sub>O<sub>2</sub>; phylloquinone; phytylmenadione; antihemorrhagic vitamin of plant origin; in the treatment of hypoprothrombinaemia: deficiency of blood clotting factor prothrombin.)  
*d* Phytomenadion *n* – Vitamin *n* K<sub>1</sub>  
*f* phytoméniadione *f* – vitamine *f* K<sub>1</sub>  
*p* phytomenadiona *f* – vitamina *f* K<sub>1</sub>
- 4823 phytotherapeutic substances**  
 (Phyto.)  
 (Medicinal substances of plant origin.)  
*d* Substanzen *fp*l der Phytotherapie;  
 Substanzen *fp*l der Pflanzenheilkunde  
*f* substances *fp*l phytothérapeutiques  
*p* substâncias *fp*l fitoterápicas
- 4824 phytotherapy**  
 (Phyto.)  
 (Disease treatment by medicamentous substances obtained from plants. See entry: medicinal plant.)  
*d* Phytotherapie *f*; Pflanzenheilkunde *f*  
*f* phytothérapie *f*  
*p* fitoterapia *f*
- 4825 pigment**  
 (Prod.)  
 (Auxiliary in pharmaceutical technology; insoluble colouring agent, e.g. for tablet dyeing.)  
*d* Pigment *n*  
*f* pigment *m*  
*p* pigmento *m*
- 4826 pigmentary cell; chromocyte**  
 (Cyt.)  
 (Cytology; e.g. see entry: chromoblasts.)  
*d* Pigmentzelle *f*  
*f* cellule *f* pigmentaire  
*p* célula *f* pigmentária; cromócito *m*
- 4827 pigment of vegetable origin**  
 (Prod.)  
 (Pharmaceutical processes; e.g. ref. to carotenoids; auxiliary in tablet production.)  
*d* Pigment *n* pflanzlicher Herkunft  
*f* pigment *m* d'origine végétale  
*p* pigmento *m* de origem vegetal
- 4828 pilar lichen**  
 (Med.)  
 (Hyperkeratosis: "Keratosis follicularis lichenoides", requiring dermatological treatment.)  
*d* Haarbalgmündungsverhornung *f*;  
 Reibeisenhaut *f*  
*f* lichen *m* pilaire  
*p* líquen *m* piloso; queratose *f* folicular pilosa
- 4829 pill**  
 (Prod.)  
 (Pharmaceutical technology: a small sphere-like pharmaceutical preparation containing medicinal substances in solid form; taken orally.)  
*d* Pille *f*  
*f* pilule *f*  
*p* pílula *f*
- \* **pill-bearing spurge** → 2449
- 4830 pilocarpine**  
 (Prod.)  
 (C<sub>11</sub>H<sub>16</sub>N<sub>2</sub>O<sub>2</sub>; see entry: derivatives of the imidazole core. Use: glaucoma treatment.)  
*d* Pilocarpin *n*  
*f* pilocarpine *f*  
*p* pilocarbina *f*
- 4831 pineal gland**  
 (Horm.)  
 (Pineal body; epiphysis; melatonin-secreting gland.)  
*d* Zirbeldrüse *f*  
*f* glande *f* pinéale  
*p* glândula *f* pineal

- 4832 piperazine**  
(Prod.)  
(C<sub>4</sub>H<sub>10</sub>N<sub>2</sub>; medicamentous substance; see entry: antihelminthic medicine.)  
*d* Piperazin *n*  
*f* pipérazine *f*  
*p* piperazina *f*
- \* **pipet** → 4833
- 4833 pipette; pipet**  
(Prod.)  
(Pharmaceutical processes; e.g. used in research and analytical processes.)  
*d* Pipette *f*  
*f* pipette *f*  
*p* pipeta *f*
- \* **pistachio** → 751
- 4834 placebo effect in pharmaceutical research**  
(Prod.)  
(Pharmaceutical technology in research of active principles for final drugs.)  
*d* Placeboeffekt *m* in der Pharmaforschung; Scheinarzneiwirkung *f* in der Pharmaforschung  
*f* effet *m* placebo dans la recherche pharmaceutique  
*p* efeito *m* placebo na pesquisa farmacêutica
- 4835 placenta hormone**  
(Horm.)  
(See entry: relaxin.)  
*d* Mutterkuchenhormon *n*; Plazentahormon *n*  
*f* hormone *f* placentaire  
*p* hormônio *m* da placenta; hormônio *m* placentário
- 4836 plane lichen**  
(Med.)  
("Lichen planus", skin diseases, dermatosis; requiring dermatological treatment.)  
*d* flache Flechte *f*; Flachknötchenflechte *f*;  
flache Knötchenflechte *f*  
*f* lichen *m* plan  
*p* líquen *m* plano
- 4837 plane peptidic unity**  
(Enz.)  
(Enzymology; characteristic of peptide group-conformation in biochemistry.)  
*d* plane peptidische Einheit *f*  
*f* unité *f* peptidique plane  
*p* unidade *f* peptídica plana
- 4838 plant cell**  
(Phyto.)  
(Original source of medicamentous substances.)  
*d* Pflanzenzelle *f*  
*f* cellule *f* végétale  
*p* célula *f* vegetal
- 4839 plant drug**  
(Phyto.)  
(Medicinal drug made from plant- and vegetable parts.)  
*d* pflanzliche Droge *f*  
*f* drogue *f* végétale  
*p* droga *f* vegetal
- 4840 plant kingdom**  
(Med.)  
(Ref. to plant classification.)  
*d* Pflanzenreich *n*  
*f* règne *f* végétal  
*p* reino *m* vegetal
- 4841 plants used as remedies**  
(Phyto.)  
(Ref. to phytotherapy.)  
*d* Pflanzen *fpl* als Heilmittel genutzt  
*f* plantes *fpl* utilisées comme remèdes  
*p* plantas *fpl* utilizadas como remédios
- \* **plasmalemma** → 1156
- 4842 plasma membrane**  
(Cyt.)  
(Also: cell membrane; protoplasmic limiting cell membrane.)  
*d* Plasmamembrane *f*  
*f* membrane *f* plasmique  
*p* membrana *f* plasmática
- \* **plasma membrane** → 1156
- 4843 plasmatic concentration**  
(Med.)  
(Ref e.g. to vitamin concentration in blood plasma.)  
*d* Plasmakonzentration *f*  
*f* concentration *f* plasmatique  
*p* concentração *f* plasmática
- 4844 plasmatic half-life of a medicament**  
(Pharm.)  
(Period of time for excretion of half of the administered drug quantity; related to drug activity within the organism.)  
*d* Plasma-Halbwertzeit *f* eines Medikamentes  
*f* demi-vie *f* plasmatique d'un médicament  
*p* meia-vida *f* plasmática de um medicamento

- 4845 plasmatic levels of vitamin C seem to modulate action of insulin**  
(Vit.)  
(Vitamin physiology; vitamin C in diabetes.)  
*d* Vitamin C-Plasmaniveaus *npl* scheinen die Insulinauswirkung zu modulieren  
*f* niveaus *mpl* plasmatiques de vitamine C paraissent moduler l'action de l'insuline  
*p* níveis *mpl* plasmáticos de vitamina C parecem modular a ação da insulina
- 4846 plasmatic peak concentration**  
(Pharm.)  
(Ref. to maximum drug concentration.)  
*d* plasmatische Spitzenkonzentration  
*f* concentration *f* plasmatique de pointe  
*p* concentração *f* plasmática de pico
- 4847 plasmatic protein**  
(Enz.)  
(Enzymology.)  
*d* Plasmaprotein *n*  
*f* protéine *f* plasmatique  
*p* proteína *f* plasmática
- 4848 plasmatic vitamin content**  
(Vit.)  
(Vitamin physiology; ref. to plasmatic vitamin concentration.)  
*d* Vitamingehalt *m* des Plasmas  
*f* teneur *f* vitamininique du plasma  
*p* teor *m* de vitaminas no plasma
- 4849 plasmatic vitamin levels**  
(Vit.)  
(Vitamin physiology.)  
*d* Blutplasma-Vitaminsniveaus *npl*;  
Blutplasma-Vitaminspiegel *m*  
*f* niveaus *mpl* plasmatiques de vitamines  
*p* níveis *mpl* plasmáticos de vitaminas
- 4850 plasmid; factor of resistance**  
(Ant.)  
(See entry: plasmid being an extrachromosomal bacterial DNA ring with autonomous replication activity.)  
*d* Plasmid *n*; Resistenzfaktor *m*  
*f* plasmide *m*; facteur *m* de la résistance  
*p* plasmídeo *m*; fator *m* de resistência
- 4851 plasmid being an extrachromosomal bacterial DNA ring with autonomous replication activity**  
(Ant.)  
(Plasmid transfer between germs may cause "multiple resistance of a pathogen"(see this entry) against antibiotics.)  
*d* Plasmid *n*, ein extrachromosomaler bakterieller DNS-Ring mit selbstständiger Replikations-Tätigkeit  
*f* plasmide *m* un boucle extrachromosomique bactérien de l'ADN ayant de l'activité réplivative autonome  
*p* plasmídeo *m*, um anel extracromossômico bacteriano de ADN possuindo atividade de replicadora autônoma
- 4852 plasmin; proteolytic enzyme**  
(Enz.)  
(Ref. to a fibrin (blood clots) dissolving enzyme.)  
*d* Plasmin *n*; proteolytisches Enzym *n*  
*f* plasmine *f*; enzyme *f* protéolytique  
*p* plasmína *f*; enzima *f* proteolítica
- 4853 plasmolysis**  
(Cyt.)  
(Ref. to the shrinking of the cytoplasm within the cell.)  
*d* Plasmolyse *f*; Zellplasmaschrumpfung *f*  
*f* plasmolyse *f*  
*p* plasmólise *f*
- 4854 plaster**  
(Prod.)  
(Adhesive tape to be put on the dressing, to keep it in place.)  
*d* Heftpflaster *n*  
*f* plâtre *m*  
*p* esparadrapo *m*
- 4855 plasticity of the granulate**  
(Prod.)  
(Pharmaceutical technology: ref. to tablet-production method, tableting process.)  
*d* Plastizität *f* des Granulats; Formbarkeit *f* des Granulates  
*f* plasticité *f* du granulé  
*p* plasticidade *f* do granulado
- 4856 pneumococcus (pneumococci *pl*)**  
(Ant.)  
(Streptococcus pneumoniae; e.g. indication: penicillin therapy.)  
*d* Pneumokokkus *m* (Pneumokokken *mpl*)  
*f* pneumocoque *m* (pneumocoques *mpl*)  
*p* pneumococo *m* (pneumococos *mpl*)
- 4857 point of action of medicaments in the organism**  
(Anat.)  
(E.g. receptors and other sites within the body for the active principle to react.)  
*d* Angriffspunkt *m* von Arzneimitteln im Organismus

- f* point *m* d'application des médicaments dans l'organisme  
*p* ponto *m* de ação dos medicamentos no organismo
- 4858 polar bond**  
 (Mol.)  
 (Same as: ionic bond; electrovalent bond; see this entry.)  
*d* polare Bindung *f*  
*f* liaison *f* polaire  
*p* ligação *f* polar
- 4859 polarizability**  
 (Mol.)  
 (Molecular biology; ref. to interactions of electric forces in molecule structures; see also entry: polarization.)  
*d* Polarisabilität *f*  
*f* polarisabilité *f*  
*p* polarizabilidade *f*
- 4860 polarization**  
 (Mol.)  
 (Ref. here to separation of charge in a polar "chemical bond" (see this entry); formation of electric dipole moments in a dielectric substance by deformation of the electron cloud.)  
*d* Polarisierung *f*; Polarisierung *f*  
*f* polarisation *f*  
*p* polarização *f*
- 4861 polarization angle** (of the light)  
 (Prod.)  
 (Pharmaceutical chemistry; Brewster-angle, as to British physicist D. Brewster, 1781-1868; angle of incidence, where light is totally polarized.)  
*d* Polarisationswinkel *m*; Brewster-Winkel *m*  
*f* angle *m* de polarisation  
*p* ângulo *m* de polarização
- 4862 polarization of light**  
 (Prod.)  
 (Pharmaceutical chemistry; directing and confining the vibrations of light waves the way, they assume a definite form.)  
*d* Polarisierung *f* des Lichts  
*f* polarisation *f* de la lumière  
*p* polarização *f* da luz
- 4863 polar molecule**  
 (Mol.)  
 (Molecule with a part showing positive charge and another one with negative charge, having dipoles.)  
*d* polares Molekül *n*
- f* molécule *f* polaire  
*p* molécula *f* polar
- 4864 polyacrylate dispersion**  
 (Prod.)  
 (Pharmaceutical technology; ingredient for the elaboration of an "enteric coating suspension", see entry.)  
*d* Polyacrylat-Dispersion *f*  
*f* dispersion *f* de polyacrylate  
*p* dispersão *f* de poliacrilato
- 4865 polyacrylate film coatings**  
 (Prod.)  
 (Pharmaceutical technology; ref. to tableting processes; film coating type.)  
*d* Polyacrylat-Dünnschichtüberzüge *mpl*;  
 Polyakrylat-Filmüberzüge *mpl*  
*f* revêtements *mpl* à pellicule en polyacrylate  
*p* revestimentos *mpl* por película de poliacrilato
- 4866 polycondensation**  
 (Prod.)  
 (Pharmaceutical processes; ref. to a condensation process for the formation of a chemical compound of high molecular weight.)  
*d* Polykondensation *f*  
*f* polycondensation *f*  
*p* policondensação *f*
- 4867 polycondensation product**  
 (Prod.)  
 (Pharmaceutical technology; ref. to the result of a polycondensation; see entry: polycondensation.)  
*d* Polykondensat *n*  
*f* polycondensat *m*  
*p* produto *m* de policondensação
- 4868 polyene antibiotic**  
 (Ant.)  
 (Produced by "Streptomyces"; use in the treatment of systemic mycosis (e.g. candidiasis, also called: moniliasis).)  
*d* Polyenantibiotikum *n*  
*f* antibiotique *m* polyène  
*p* antibiótico *m* poliênico
- 4869 polyene antibiotics contain various hydrocarbon double bonds**  
 (Ant.)  
 (For systemic mycosis treatment, e.g. nystatin, see this entry.)  
*d* Polyenantibiotika *npl* enthalten mehrere Kohlenwasserstoffdoppelbindungen

- f* antibiotiques *mpl* polyènes contiennent de plusieurs liaisons doubles hydrocarburées
- p* antibióticos *mpl* poliênicos contêm vários ligações duplas de hidrocarboneto
- 4870 polyene antifungal**  
(Prod.)  
(Pharmaceutical technology; e.g. nystatin (see this entry); without effect on bacteria.)
- d* Polyennmittel *n* gegen Pilzerkrankung
- f* antifongique *m* polyène
- p* antifúngo *m* poliênico; agente *m* poliênico contra micoses
- 4871 polyethylene glycols for pharmaceutical production**  
(Prod.)  
(PEG. Pharmaceutical technology; auxiliary.)
- d* Polyethylenglykole *npl* für pharmazeutische Produktion
- f* polyéthylèneglycols *mpl* pour la production pharmaceutique
- p* polietilenoglicóis *mpl* para a produção farmacêutica
- 4872 polyethylene moulds**  
(Prod.)  
(Pharmaceutical technology; e.g. ref. to moulds for suppositories.)
- d* Polyäthylenformen *fpl*; Polyethylenformen *fpl*
- f* moules *mpl* de polyéthylène
- p* moldes *mpl* de polietileno
- 4873 polyisobutylene**  
(Prod.)  
(Pharmaceutical technology; prime material.)
- d* Polyisobutylen *n*
- f* polyisobutylène *m*
- p* poli-isobutileno *m*
- 4874 polymedicated**  
(Med.)  
(Polymedicated: subject to treatment with various drugs simultaneously.)
- d* vielfach arzneilich behandelt
- f* polymédicamenté
- p* polimedicado
- 4875 polymer**  
(Prod.)  
(Pharmaceutical technology; certain type of prime material.)
- d* Polymer *n*
- f* polymère *m*
- p* polímero *m*
- 4876 polymeric components of the matrix**  
(Prod.)  
(Pharmaceutical technology; ref. to determination methods.)
- d* polymere Bestandteile *mpl* der Matrize
- f* composants *m* polymères de la matrice
- p* componentes *mpl* poliméricos da matriz
- 4877 polymerization**  
(Prod.)  
(Pharmaceutical processes; ref. to reaction/synthesis processes.)
- d* Polymerisation *f*
- f* polymérisation *f*
- p* polimerização *f*
- 4878 polymerization of n-vinylpyrrolidone**  
(Prod.)  
(Pharmaceutical processes; ref. to reaction/synthesis processes.)
- d* Polymerisation *f* von n-Vinylpyrrolidon
- f* polymérisation *f* de la n-vinylpyrrolidone
- p* polimerização *f* de n-vinilpirrolidona
- 4879 polymerization product**  
(Prod.)  
(Pharmaceutical processes; ref. to reaction/synthesis processes.)
- d* Polymerisationsprodukt *n*
- f* produit *m* de polymérisation
- p* produto *m* de polimerização
- 4880 polymerization reaction**  
(Prod.)  
(Pharmaceutical processes; polymerization processes.)
- d* Polymerisationsreaktion *f*
- f* réaction *f* de polymérisation
- p* reação *f* de polimerização
- 4881 polymyxin**  
(Ant.)  
(Biotechnology; a polypeptidic antibiotic; origin by fermentation of various media by "Bacillus polymixa".)
- d* Polymyxin *n*
- f* polymyxine *f*
- p* polimixina *f*
- 4882 polymyxin B sulphate; aerosporin**  
(Ant.)  
(Antibiotic drug for gram-negative bacterial infections.)
- d* Polymyxin B-Sulfat *n*; Aerosporin *n*
- f* polymixyne B-sulfate *m*; aérosporine *f*
- p* sulfato *m* de polimixina; aerosporina *f*
- 4883 polypeptide chain**  
(Enz.)  
(Enzymology; ref. to protein structure, chains of amino acids.)

- d* Polypeptid- Kette *f*  
*f* chaîne *f* polypeptidique  
*p* cadeia *f* polipeptídica
- 4884 polypeptide chain codified by genes**  
 (Horm.)  
 (Ref. to hormone biochemistry and structure.)  
*d* gencodierte Polypeptid-Kette *f*;  
 Polypeptid-Kette *f* durch Gene verschlüsselt;  
 Polypeptid-Kette *f* durch Gene kodiert  
*f* chaîne *f* polypeptidique codée par des gènes  
*p* cadeia *f* polipeptídica codificada por genes
- 4885 polypeptidic antibiotic**  
 (Ant.)  
 (E.g. the polymyxin; see this entry.)  
*d* Polypeptid-Antibiotikum *n*  
*f* antibiotique *m* polypeptidique  
*p* antibiótico *m* polipeptídico
- 4886 polypeptidic hormone**  
 (Horm.)  
 (One of the two structural hormone classification; the other one is peptidic; see entry: peptide hormone; peptidic hormone.)  
*d* Polypeptid-Hormon *n*  
*f* hormone *f* polypeptidique  
*p* hormônio *m* polipeptídico
- 4887 polypeptidic precursor**  
 (Horm.)  
 (Ref. to certain polypeptidic origin of certain type of hormones.)  
*d* Polypeptid-Vorläufer *m*;  
 Polypeptid-Vorprodukt *n*; Polypeptid-Vorstufe *f*  
*f* précurseur *m* polypeptidique  
*p* precursor *m* polipeptídico
- 4888 polypeptidic structure of the hormone**  
 (Horm.)  
 (Ref. to the polypeptidic character, i.e. the molecular chain of amino acids; one of the two hormone groups (see: nonpolypeptidic structure of the hormone).)  
*d* Polypeptidstruktur *f* des Hormones  
*f* structure *f* polypeptidique de l'hormone  
*p* estrutura *f* polipeptídica do hormônio
- 4889 polyploid** *adj*  
 (Enz.)  
 (Ref. e.g. to cells having three or more complete sets of chromosomes.)  
*d* polyploid  
*f* polyploïde  
*p* poliplóide
- 4890 polysaccharide**  
 (Prod.)  
 (A carbohydrate, such as cellulose and starch etc; auxiliary in pharmaceutical technology.)  
*d* Polysaccharid *n*; Polysaccharid *n*  
*f* polysaccharide *m*  
*p* polissacarido *m*; polissacarídeo *m*
- 4891 polysaccharide molecule**  
 (Mol.)  
 (See entry: polysaccharide.)  
*d* Polysaccharidmolekül *n*  
*f* molécule *f* polysaccharidique  
*p* molécula *f* polissacarídico
- 4892 polysaccharide of microbiological origin**  
 (Prod.)  
 (Biotechnology; biochemical elaboration of products aimed at industrial exploitation; e.g. dextran (C<sub>6</sub>H<sub>10</sub>O<sub>5</sub>)<sub>n</sub>; use: plasma expander in emergency treatments.)  
*d* Polysaccharid *n* mikrobiologischen Ursprungs; Polysaccharid *n* mikrobiologischen Ursprungs  
*f* polysaccharide *m* d'origine microbienne  
*p* polissacarido *m* de origem microbiológica; polissacarídeo *m* de origem microbiológica
- 4893 polysorbate 80**  
 (Prod.)  
 (Polyoxyethylene (20) sorbitan mono-oleate; used in pharmaceutical technology as a dispersing agent, non-ionic solubilizer and emulsifier.)  
*d* Polysorbat *n* 80  
*f* polysorbat *m* 80  
*p* polisorbato *m* 80
- 4894 polyunsaturated fatty acids as vitamin F**  
 (Vit.)  
 (Formerly vitamin F. A mixture of these acids as: linoleic acid (C<sub>18</sub>H<sub>32</sub>O<sub>2</sub>), linolenic acid (C<sub>18</sub>H<sub>30</sub>O<sub>2</sub>) and arachidonic acid (C<sub>20</sub>H<sub>32</sub>O<sub>2</sub>).)  
*d* mehrfach ungesättigte Fettsäuren *fpl* als Vitamin F  
*f* acides *mpl* gras poly-insaturés en qualité de vitamine F  
*p* ácido *m* graxos poliinsaturados como vitamina
- 4895 polyvinyl alcohol as macromolecular agglutinant in tableting**  
 (Prod.)  
 (Pharmaceutical processes; PVA as auxiliary in tableting, which promotes the agglutination of medicamentous principles and thus compression.)  
*d* Polyvinylalkohol *m* als makromolekulares Agglutinations-Hilfsmittel in der Tablettenverpressung

- f* alcoool *m* polyvinylique comme agglutinant macromoléculaire dans la compression de comprimés
- p* álcool *m* polivinílico como aglutinante macromolecular na compressão de comprimidos
- 4896 polyvinylpyrrolidone as macromolecular agglutinant in tableting**  
(Prod.)  
(Pharmaceutical processes; PVP as auxiliary in tableting, which promotes the agglutination of medicamentous principles and thus compression.)
- d* Polyvinylpyrrolidon *n* als makromolekulares Agglutinations-Hilfsmittel in der Tablettenverpressung
- f* polyvinylpyrrolidone *f* comme agglutinant macromoléculaire dans la compression de comprimés
- p* polivinilpirrolidona *f* como aglutinante macromolecular na compressão de comprimidos
- 4897 polyvinylpyrrolidone as retard carrier**  
(Prod.)  
(Pharmaceutic technology; PVP as auxiliary for delayed liberation properties of a pharmaceutical form.)
- d* Polyvinylpyrrolidon *n* als Trägersubstanz zur verzögerten Freigabe
- f* polyvinylpyrrolidone *f* comme véhicule retard
- p* polivinilpirrolidona *f* como veículo de retarde
- 4898 polyvinylpyrrolidone in ophthalmic solutions**  
(Prod.)  
(Pharmaceutical technology; example of application of PVP.)
- d* Polyvinylpyrrolidon *n* in ophthalmischen Lösungen
- f* polyvinylpyrrolidone *f* dans des solutions ophtalmiques
- p* polivinilpirrolidona *f* em solução oftálmica
- 4899 polyvinylpyrrolidone in pharmaceutical preparations**  
(Prod.)  
(Processes in pharmaceutical technology; e.g. auxiliary in tableting.)
- d* Polyvinylpyrrolidon *n* in pharmazeutischen Präparaten
- f* polyvinylpyrrolidone *f* em preparações pharmaceutiques
- p* polivinilpirrolidona *f* em preparações farmacêuticas
- 4900 polyvinylpyrrolidone iodine**
- (Prod.)  
(Pharmaceutical chemistry; complex of PVP and iodine: antiseptic.)
- d* Polyvinylpyrrolidon-Jod *n*
- f* polyvinylpyrrolidone *f* iodée
- p* polivinilpirrolidona *f* iodada
- 4901 polyvinylpyrrolidone of high molecular weight employable as thickener**  
(Prod.)  
(Pharmaceutical chemistry/processes.)
- d* Polyvinylpyrrolidon hohen *n* Molekulargewichtes als Verdickungsmittel einsetzbar
- f* polyvinylpyrrolidone *f* au degré de haut poids moléculaire employable comme épaississant
- p* polivinilpirrolidona *f* de alto peso molecular aplicável como espessante
- 4902 polyvitaminic supply**  
(Vit.)  
(E.g. in vitamin deficiencies.)
- d* Polyvitamin-Zufuhr *f*
- f* apport *m* polyvitaminique
- p* aporte *m* polivitaminico
- 4903 pomade**  
(Prod.)  
(Pharmaceutical technology; an ointment (see this entry); also: for hairdressing.)
- d* Pomade *f*
- f* pommade *f*
- p* pomada *f*
- 4904 pomegranate**  
(Phyto.)  
("Punica granatum L.; Punicaceae"; alkaloids extracted from the bark yield, medic. substance: pelletierine tannate (punicine tannate); use: against tapeworms.)
- d* Granatapfel *m*
- f* grenade *f*
- p* romã *f*
- 4905 pomegranate bark tea**  
(Phyto.)  
("Punica granatum L.; Punicaceae"; see entry: pomegranate.)
- d* Granatapfelschaltee *m*
- f* tisane *f* de la peau de grenade
- p* chá *m* da casca da romã
- 4906 popcorn polymerization**  
(Prod.)  
(Pharmaceutical chemistry; a polymerization type yielding popcorn polymers.)
- d* Popcornpolymerisation *f*

- f* polymérisation *f* "pop-corn"; polymérisation *f* au type de pop-corn  
*p* polimerização *f* tipo pipoca
- 4907 poppy**  
 (Phyto.)  
 (Medicinal plant; "Papaver somniferum L., Papaveraceae"; from which unripe capsules the medicamentous substance opium is obtained.)  
*d* Schlafmohn *m*  
*f* pavot *m* somnifère  
*p* papoula *f*; dormideira *f* (Papaver somniferum)
- 4908 population of bacteria; bacterial population**  
 (Med.)  
 (Ref. to research etc.)  
*d* Population *f* von Bakterien; Bakterienansiedlung *f*  
*f* population *f* de bactéries; population *f* bactérienne  
*p* população *f* de bactérias; população *f* bacteriana
- 4909 porosity of the tablet**  
 (Prod.)  
 (Pharmaceutical chemistry; tablet characteristic.)  
*d* Porosität *f* der Tablette  
*f* porosité *f* du comprimé  
*p* porosidade *f* do comprimido
- 4910 porous structure**  
 (Prod.)  
 (Pharmaceutical chemistry; product characteristic.)  
*d* poröse Struktur *f*  
*f* structure *f* poreuse  
*p* estrutura *f* porosa
- 4911 position of action of the catalytic reaction**  
 (Enz.)  
 (Ref. to the catalytic reaction in a molecule of a prosthetic group.)  
*d* Wirkungsstelle *f* der katalytischen Reaktion  
*f* position *f* d'action de la réaction catalytique  
*p* posição *f* de ação da reação catalítica
- 4912 positive addition effect of antibiotics**  
 (Ant.)  
 (Ref. to antibiotics in treatments, e.g. in antibiotherapy; see this entry.)  
*d* positive Additionsauswirkung *f* von Antibiotika  
*f* effet *m* d'addition positif d'antibiotiques
- p* efeito *m* de adição positivo de antibióticos
- 4913 positive chemotaxis; attractive chemotaxis**  
 (Ref. to the response of the organism to chemical stimulus; in relation to a chemical substance – of (blood) cells, microorganisms etc.)  
*d* positive Chemotaxis *f*; anziehende Chemotaxis *f*  
*f* chimiotactisme *m* positif; chimiotactisme *m* attractif  
*p* quimiotaxia *f* positiva; quimiotaxia *f* atrativa
- 4914 positive inotropic effect**  
 (Pharm.)  
 (Heart muscle contraction stimulating action, e.g. by digitalis.)  
*d* positive inotrope Wirkung *f*  
*f* effet *m* inotrope positif  
*p* efeito *m* positivo inotrópico
- 4915 posology**  
 (Med.)  
 (Ref. to the dosage of medicine.)  
*d* Dosierungskunde *f*  
*f* posologie *f*  
*p* posologia *f*; dosologia *f*
- 4916 posology in function of symptomatology**  
 (Pharm.)  
 (Ref. to the necessity of individualized adjustment of an active principle for treatment purposes.)  
*d* Dosierung *f* in Funktion der Symptomatologie  
*f* posologie *f* en fonction de la symptomatologie  
*p* posologia *f* em função da sintomatologia
- 4917 posterior chamber of the eye**  
 (Anat.)  
 (Ref. to eye structure, where the fluid of the chamber – in case of glaucoma – exercises a pressure too much elevated, damaging the optic nerve.)  
*d* hintere Augenkammer *f*  
*f* chambre *f* postérieure de l'œil  
*p* câmara *f* posterior do olho
- \* **postfermentation** → 6561
- 4918 postgranulation addition**  
 (Prod.)  
 (Pharmaceutical technology; ref. to granulation processes in tableting e.g. addition of auxiliaries.)  
*d* Nachgranulierungszugabe *f*  
*f* addition *f* postgranulation  
*p* adição *f* após granulação



- 4919 postnatal toxicity**  
(Pharm.)  
(Ref. to toxicological studies with pharmaceutical and chemical substances; postnatal: following childbirth.)  
*d* postnatale Toxizität *f*; postnatale Giftigkeit *f*  
*f* toxicité *f* postnatale  
*p* toxicidade *f* post-natal
- 4920 postoperative chemotherapy**  
(Med.)  
(Treatment by active chemical substances.)  
*d* postoperative Chemotherapie *f*  
*f* chimiothérapie *f* postopératoire  
*p* quimioterapia *f* post-operatória
- \* **posture** → 686
- 4921 potable water for use in pharmacy**  
(Prod.)  
(Pharmaceutical technology: drinking water; bacteriologically impure, but free from pathogenic microorganisms.)  
*d* Trinkwasser *n* zum Einsatz in der Pharmazie  
*f* eau *f* potable à usage pharmaceutique  
*p* água *f* potável para uso farmacêutico
- \* **potassic exhaustion with hypokal[ae]mia** → 1796
- 4922 potassium chloride of gradual liberation**  
(Prod.)  
(Pharmaceutical technology; for the treatment of low potassium syndrome; see also entry: low sodium/potassium syndrome.)  
*d* Kaliumchlorid *n* gradueller Freisetzung  
*f* chlorure *m* de potassium de libération graduelle  
*p* cloreto *m* de potássio de liberação gradativa
- 4923 potassium iodide**  
(Med.)  
(KI; parasiticide (mycosis).)  
*d* Kaliumjodid *n*  
*f* iodure *m* de potassium  
*p* iodeto *m* de potássio
- 4924 potassium permanganate as oxidizing agent**  
(Prod.)  
(Pharmaceutical technology; disinfectant;  $\text{KMnO}_4$ , poisoning for the metabolism of bacteria; e.g. used for rinsing out the mucosa.)  
*d* Kaliumpermanganat *n* als Oxidationsmittel  
*f* permanganate *m* de potassium comme oxydant  
*p* permanganato *m* de potássio como oxidante
- 4925 potassium sorbate**  
(Vit.)  
( $\text{C}_6\text{H}_7\text{KO}_2$ ; sorbic acid potassium salt; pharmaceutical chemistry; preservative in pharmaceuticals.)  
*d* Kaliumsorbit *n*  
*f* sorbate *m* de potassium  
*p* sorbato *m* de potássio
- 4926 potassium-sparing diuretic**  
(Pharm.)  
(Diuretic, reducing potassium (K) losses in the organism during diuresis.)  
*d* kaliumsparendes Diuretikum *n*  
*f* diurétique *m* ménager de potassium  
*p* diurético *m* poupador de potássio
- \* **potent drug** → 3059
- 4927 potential hydrogen ion concentration**  
(Prod.)  
(Pharmaceutical chemistry; ref. to the possible amount of hydrogen ions in a volume of a liquid; see entry: hydrogen ion concentration.)  
*d* potenzielle Wasserstoffionenkonzentration *f*; mögliche Wasserstoffionenkonzentration *f*  
*f* concentration *f* potentielle des ions d'hydrogène  
*p* concentração *f* potencial dos íons de hidrogênio
- 4928 potentially mutagenic pharmaca**  
(Pharm.)  
(E.g. ref. to cytostatics (inhibitor of cellular multiplication); in tumor treatment.)  
*d* potentiell mutagene Pharmaca *npl*; potenziell Mutation auslösende Arzneimittel *npl*  
*f* médicaments *mpl* potentiellement mutagéniques  
*p* fármacos *mpl* potencialmente mutagênicos
- 4929 potentiante *v***  
(Prod.)  
(Pharmaceutical chemistry; ref. to a synergistic action.)  
*d* verstärken; potenziieren  
*f* potentialiser  
*p* potencializar
- 4930 potion**  
(Prod.)  
(A medicinal beverage.)  
*d* Arzneitrank *m*  
*f* potion *f*  
*p* poção *f*

- 4931 poultice; fomentation**  
(Med.)  
(Heated/medicated substance (porridge) on cloth for application on the skin; e.g. to ease pain.)  
*d* Umschlag *m*; Wickel *m*  
*f* cataplasme *m*  
*p* cataplasma *f*
- 4932 pouring**  
(Prod.)  
(Pharmaceutical technology; pouring the substance (e.g. from one recipient into another one).)  
*d* Gießen *n*  
*f* coulage *m*  
*p* vazamento *m*
- \* **pouring a liquid from one vessel into another** → 1726
- 4933 pouring into another vessel**  
(Prod.)  
*d* Umgießen *n*  
*f* transvasement *m*  
*p* transvazamento *m*
- 4934 pouring out of adrenaline**  
(Med.)  
(Ref. e.g. to the "tenseness of the sympathetic; tonus of the sympathetic", see this entry.)  
*d* Adrenalinausschüttung *f*  
*f* déversement *m* de l'adrénaline  
*p* despejo *m* de adrenalina
- 4935 pour point**  
(Prod.)  
(Pharmaceutical technology; the lowest temperature of a chemical substance to flow.)  
*d* Fließpunkt *m*  
*f* point *m* d'écoulement  
*p* ponto *m* de fluidez
- \* **pour v the founded mass into molds** → 4936
- 4936 pour v the molten mass into moulds; pour v the founded mass into molds**  
(Prod.)  
(Pharmaceutical processes: ref. to suppository production.)  
*d* die geschmolzene Masse in Formen gießen; die geschmolzene Masse in Gießformen gießen  
*f* couler la masse fondue dans des moules; jeter la masse fondue en moule  
*p* deitar a massa fundida nas formas; pôr a massa fundida nas formas
- 4937 pour v the powder over the tablet**  
(Prod.)  
(Pharmaceutical technology; film-forming process; ref. to film-coating system and corresponding action of the machine over the tablet in its matrix (mould).)  
*d* das Pulver über die Tablette schütten  
*f* déverser la poudre sur le comprimé  
*p* despejar o pó por cima do comprimido
- 4938 pour v the vitamin blend into another tank**  
(Vit.)  
(Vitamin technology; e.g. oily vitamin blends.)  
*d* Vitaminmischungen umfüllen  
*f* soutirer les mélanges vitaminiques; transvaser les mélanges vitaminiques  
*p* transvasar as misturas vitamínicas; trasfegar as misturas vitamínicas
- 4939 powder**  
(Prod.)  
(Pharmaceutical technology.)  
*d* Puder *n*  
*f* poudre *f*  
*p* pó *m*; talco *m*
- 4940 powder as a pharmaceutical form**  
(Prod.)  
(Pharmaceutical technology; preparations due to (mechanical) division processes of medicinal substances.)  
*d* Pulver *n* als pharmazeutische Form  
*f* poudre *f* comme forme pharmaceutique  
*p* pó *m* como forma farmacêutica
- 4941 powder as a pharmaceutical form of dry presentation**  
(Prod.)  
(Pharmaceutical technology; preparations due to (mechanical) division processes of medicinal substances.)  
*d* Pulver *n* als pharmazeutische Form trockener Ausführung  
*f* poudre *f* comme forme pharmaceutique en présentation sèche  
*p* pó *m* como forma farmacêutica de apresentação seca
- 4942 powder behaviour**  
(Prod.)  
(Pharmaceutical chemistry; characteristic of a powder.)  
*d* Verhalten *n* des Pulvers  
*f* comportement *m* de la poudre  
*p* comportamento *m* do pó
- \* **powder compaction** → 1456

- 4943 powder detergent**  
(Prod.)  
(Pharmaceutical technology; detergent type; synthetic (soap-free) cleansing agent.)  
*d* pulverförmiges Detergens *n*  
*f* détergent *m* en poudre  
*p* detergente *m* em pó
- 4944 powder division process increases the exchange surface of particles**  
(Prod.)  
(Pharmaceutical technology: ref. to pharmaceutical powder production.)  
*d* Pulverdivisionsprozess *m* vergrößert die Teilchenaustauschoberfläche  
*f* processus *m* de division des poudres augmente la surface d'échange des particules  
*p* processo *m* de divisão dos pós aumenta a superfície de intercâmbio das partículas
- 4945 powder for tablet coating**  
(Prod.)  
(Pharmaceutical technology; film-forming process.)  
*d* Tablettenüberzugspulver *n*  
*f* poudre *f* pour enrobage des comprimés  
*p* pó *m* para revestimento dos comprimidos
- 4946 powder mixture**  
(Prod.)  
(Pharmaceutical technology: e.g. tablet production (compression).)  
*d* Pulvermischung *f*  
*f* mélange *m* de poudre  
*p* mistura *f* de pó
- 4947 powder of weak density**  
(Prod.)  
(Pharmaceutical chemistry; compression powder characteristic.)  
*d* Pulver *n* schwacher Densität  
*f* poudre *f* de faible densité  
*p* pó *m* de fraca densidade
- \* **powders for compression operations** → **1501**
- 4948 powder sucrose; saccharose in form of a powder**  
(Prod.)  
(C<sub>12</sub>H<sub>22</sub>O<sub>11</sub>; sugar; auxiliary in pharmaceutical technology: ref. to tablet-production method, tableting process.)  
*d* Saccharose *f* in Pulverform; Pulversaccharose *f*  
*f* saccharose *f* en poudre  
*p* sacarose *f* em pó
- 4949 powdery lubricant in tableting**  
(Prod.)  
(Pharmaceutical technology: e.g. a lubricant in tableting for improving the "dusty aspect of a tablet", see entry: talcum.)  
*d* pulveriger Schmierstoff *m* in Tablettenverpressung; pulveriges Schmiermittel *n* in Tablettenverpressung  
*f* lubrifiant *m* poudreux dans la compression de comprimés  
*p* lubrificante *m* pulveréo na compressão de comprimidos
- 4950 powdery state**  
(Prod.)  
(Pharmaceutical technology: ref. to production and characteristics of pharmaceutical powders.)  
*d* pulveriger Zustand *m*; pulverförmiger Zustand *m*  
*f* état *m* pulvérulent; état *m* en forme de poudre  
*p* estado *m* pulveréo; estado *m* em forma de pó
- 4951 practically insoluble** *adj*  
(Prod.)  
(Pharmaceutical chemistry; product characteristic.)  
*d* praktisch unlöslich  
*f* pratiquement insoluble  
*p* praticamente insolúvel
- 4952 precipitates**  
(Prod.)  
(Pharmaceutical chemistry; solid particles which have separated from a suspension; products of the precipitation.)  
*d* Ausfällungsprodukte *npl*; Niederschläge *mpl*; Präzipitate *npl*  
*f* précipités *mpl*  
*p* precipitados *mpl*
- 4953 precipitation**  
(Prod.)  
(Pharmaceutical processes; a precipitate-forming process, e.g. particles separating from a solution.)  
*d* Ausfällung *f*; Fällung *f*  
*f* précipitation *f*  
*p* precipitação *f*
- 4954 precipitation coefficient**  
(Phyto.)  
(Extract processing.)  
*d* Ausfällungskoeffizient *m*  
*f* coefficient *m* de précipitation  
*p* coeficiente *m* de precipitação

- 4955 precipitation of enzymes**  
(Enz.)  
(Enzymology; e.g. by insolubilization by means of certain salts, in processes of "stabilization by separation of the enzymes and the active principle", see entry.)  
*d* Ausfällung *f* von Enzymen  
*f* précipitation *f* des enzymes  
*p* precipitação *f* das enzimas
- 4956 precipitation process**  
(Prod.)  
(Pharmaceutical processes; a precipitate-forming process; see also entry: precipitation.)  
*d* Fällungsverfahren *n*  
*f* processus *m* par précipitation  
*p* processo *m* de precipitação
- 4957 precondensate**  
(Prod.)  
(Pharmaceutical processes; see also entry: chemical condensation.)  
*d* Vorkondensat *n*  
*f* précondensat *m*  
*p* precondensado *m*
- 4958 predetermination**  
(Prod.)  
(Pharmaceutical technology; e.g. ref. to the course of a technical process.)  
*d* Vorausbestimmung *f*  
*f* prédétermination *f*  
*p* predeterminação *f*
- 4959 predetermined target of an active principle**  
(Pharm.)  
(Site in the organism where the medicament shall be active.)  
*d* vorausbestimmtes Ziel *n* eines Wirkstoffes  
*f* cible *m* prédéterminé d'un principe actif  
*p* alvo *m* predeterminado de um princípio ativo
- 4960 predispersed** *adj*  
(Prod.)  
(Pharmaceutical processes; see entry: dispersion.)  
*d* vordispersiert  
*f* prédispersé  
*p* pré-disperso
- 4961 predisposition to**  
(Med.)  
(Ref. to susceptibility: diathesis.)  
*d* Anfälligkeit *f* für  
*f* prédisposition *f* à  
*p* predisposição *f* a
- 4962 preemulsified vitamin product**  
(Vit.)  
(Vitamin technology; ref. to production of pharmaceutical preparations.)  
*d* voremulgiertes Vitaminprodukt *n*  
*f* produit *m* vitaminique préémulsionné  
*p* produto *m* vitamínico preemulsionado
- 4963 preformed** *adj*  
(Prod.)  
(Pharmaceutical processes.)  
*d* vorgefertigt  
*f* préparé à l'avance  
*p* preparado com antecedência
- 4964 pre-granulated form**  
(Prod.)  
(Pharmaceutical technology; ref. to the production of tablets: physical aspect of the active principle)  
*d* vorgranulierte Form *f*  
*f* forme *f* prégranulée  
*p* forma *f* pré-granulada
- 4965 pregranulation addition**  
(Prod.)  
(Pharmaceutical technology; ref. to granulation processes in tableting e.g. addition of auxiliaries.)  
*d* Vorgranulierungs-Zugabe *f*  
*f* addition *f* prégranulation  
*p* adição *f* antes da granulação
- 4966 preinitiation of a chemical process**  
(Prod.)  
(Pharmaceutical processes.)  
*d* Voreinleitung *f* eines chemischen Processes  
*f* préinitiation *f* d'un processus chimique  
*p* pré-iniciação *f* de um processo químico
- 4967 preliminary operations before tableting**  
(Prod.)  
(Pharmaceutical processes: preparing tableting procedures: granulation, addition of auxiliaries etc.)  
*d* einleitende Arbeitsvorgänge *mpl* für das Tablettenpressen  
*f* opérations *fp*l préliminaires à la compression de comprimés  
*p* operações *fp*l preliminares à compressão de comprimidos
- 4968 premix**  
(Prod.)  
(Pharmaceutical processes; concentrated ingredient mixture to be used together with other substances; auxiliary in pharmaceutical production.)

- d* Vormischung *f*  
*f* prémix *m*; mélange *m* maître; mélange *m*  
 mère  
*p* premix *m*; pré-mistura *f*
- 4969 preparation**  
 (Prod.)  
 (Preparation as a technical, pharmaceutical process in research and production.)  
*d* Vorbereitung *f*; Zubereitung *f*  
*f* préparation *f*  
*p* preparação *f*
- \* **preparation modality of a medicamentous form** → 4132
- 4970 preparation of new derivatives**  
 (Prod.)  
 (Pharmaceutical technology; e.g. vitamin derivatives.)  
*d* Präparierung *f* neuer Derivate  
*f* préparation *f* de nouveaux dérivés  
*p* preparação *f* de novos derivados
- 4971 preparation of superficial action**  
 (Prod.)  
 (Pharmaceutical chemistry; ref. to medicinal creams ointments etc; product characteristic.)  
*d* Präparat *n* oberflächlicher Wirkung;  
 Oberflächenwirkung *f*  
*f* préparation *f* à action superficielle  
*p* preparação *f* de ação superficial
- 4972 preparative separation**  
 (Prod.)  
 (Pharmaceutical technology; process in chromatography.)  
*d* präparative Trennung *f*  
*f* séparation *f* préparative  
*p* separação *f* preparativa; dissociação *f*  
 preparativa
- 4973 prepare v an extract**  
 (Phyto.)  
 (Preparation process in phytotherapy.)  
*d* einen Auszug zubereiten; einen Extrakt herstellen  
*f* préparer un extrait  
*p* preparar un extrato
- 4974 prepare v phase I and II separately**  
 (Prod.)  
 (Pharmaceutical processes/processing.)  
*d* Phase I und II getrennt vorbereiten  
*f* préparer séparément la phase I et la phase II  
*p* preparar separadamente as fases I e II
- 4975 prepare v phases separately**  
 (Prod.)  
 (Pharmaceutical processes/processing.)  
*d* Phasen getrennt vorbereiten  
*f* préparer séparément les phases  
*p* preparar separadamente as fases
- 4976 prescribed quantity; given quantity; stipulated quantity**  
 (Prod.)  
 (Pharmaceutical processes; e.g. in analytical processes for product determination.)  
*d* vorgeschriebene Menge *f*; vorgegebene Menge *f*; festgesetzte Quantität *f*  
*f* quantité *f* prescrite; quantité *f* préfixée; quantité *f* préétablie  
*p* quantidade *f* prescrita; quantidade *f* prefixada; quantidade *f* preestabelecida
- 4977 presentation form of a medicament**  
 (Prod.)  
 (Pharmaceutical technology; e.g. tablets, capsules, powders etc: final pharmaceutical forms.)  
*d* Darreichungsform *f* eines Arzneimittels  
*f* forme *f* de présentation d'un médicament  
*p* forma *f* de apresentação de um medicamento
- 4978 preservation by deep-freezing**  
 (Prod.)  
 (Pharmaceutical technology; preservation process by rapid freezing at very low temperatures for slowing down biological activity.)  
*d* Konservierung *f* durch Tiefkühlung  
*f* préservation *f* par surgélation  
*p* conservação *f* por supercongelação; conservação *f* por supercongelamento
- \* **preservation of a medicinal drug** → 1548
- 4979 preservation of an active principle**  
 (Prod.)  
 (Pharmaceutical technology/processes.)  
*d* Haltbarmachung *f* eines Wirkstoffes  
*f* traitement *m* préservatif d'un principe actif  
*p* tratamento *m* de conservação de um princípio ativo
- 4980 preservative**  
 (Prod.)  
 (Auxiliary in pharmaceutical processes/production.)  
*d* Konservierungsmittel *n*  
*f* agent *m* préservatif; préservatif *m*  
*p* agente *m* de conservação; conservante *m*

- 4981 preservative in vitamin injectables**  
(Vit.)  
(Vitamin technology; certain auxiliaries: e.g. benzyl alcohol.)  
*d* Konservierungsmittel *n* in Vitamin-Injektionsprodukten  
*f* agent *m* préservatif dans des produits vitaminiques injectables  
*p* agente *m* de conservação em produtos vitamínicos injetáveis
- 4982 pretreatment of sample material**  
(Prod.)  
(Pharmaceutical processes; e.g. in research processes.)  
*d* Vorbehandlung *f* von Mustermaterial  
*f* prétraitement *m* du matériau de l'échantillon  
*p* pré-tratamento *m* de material de amostra
- 4983 prevention against hypokal[*a*]emia**  
(Pharm.)  
(With sodium chloride (NaCl)-tablets.)  
*d* Vorbeugung *f* der Hypokaliämie  
*f* prévention *f* de l'hypokaliémie  
*p* prevenção *f* da hipocalémia
- 4984 prevention against scurvy**  
(Vit.)  
(Scurvy is a vitamin C disease; prevention by consume of fresh foodstuff containing vitamin C. Medical treatment with vitamin C (ascorbic acid).)  
*d* Vorbeugung *f* gegen Skorbut; Skorbut-Vorbeugung *f*  
*f* prévention *f* du scorbut  
*p* prevenção *f* do escorbuto
- 4985 previous isolation**  
(Prod.)  
(Pharmaceutical technology: isolation of the dragée cores, e.g. by PVP-application.)  
*d* Vorisolierung *f*; vorherige Isolierung *f*  
*f* isolement *m* préalable  
*p* isolamento *m* prévio
- 4986 previously treated auxiliary**  
(Prod.)  
(Pharmaceutical technology; auxiliary product preparation.)  
*d* im voraus behandeltes Hilfsprodukt *n*  
*f* produit *m* auxiliaire préalablement traité  
*p* produto *m* auxiliar previamente tratado
- 4987 previous purification of the active principle**  
(Prod.)  
(Pharmaceutical processes.)  
*d* vorherige Purifikation *f* des Wirkstoffes; vorhergehende Reinigung *f* des Wirkstoffes  
*f* purification *f* préalable du principe actif; épuration *f* préalable du principe actif  
*p* purificação *f* prévia de princípio ativo
- 4988 prewarmed dragées**  
(Prod.)  
(Pharmaceutical technology; a pharmaceutical form.)  
*d* vorgewärmte Dragees *npl*; vorgewärmte Dragées *npl*  
*f* dragées *fpl* préchauffées  
*p* drágeas *fpl* preaquecidas
- 4989 prewarmed tablet cores**  
(Prod.)  
(Pharmaceutical technology; tablet production.)  
*d* vorgewärmte Tablettenkerne *npl*  
*f* noyaux *npl* préchauffés des comprimés  
*p* núcleos *npl* pré-aquecidos de comprimidos
- 4990 primaquine**  
(Prod.)  
(C<sub>15</sub>H<sub>21</sub>N<sub>3</sub>O; medicamentous substance; see entry: antimalarial drug.)  
*d* Primaquin *n*  
*f* primaquine *f*  
*p* primaquina *f*
- 4991 primary amine**  
(Enz.)  
(Amide base; ammonia derivative.)  
*d* primäres Amin *n*  
*f* amine *f* primaire  
*p* amina *f* primária
- 4992 primary glucoside; primary heart glycoside**  
(Phyto.)  
(E.g. ref. to digitalis, dried leaves of "Digitalis purpurea L.". )  
*d* primäres Glukosid *n*; primäres Herzglukosid *n*  
*f* glucoside *m* primaire; glucoside *m* primaire cardiaque  
*p* glicosídeo *m* primário; glicosídeo *m* primário cardíaco
- \* **primary heart glycoside** → 4992
- 4993 primary physiological activities of vitamin C**  
(Vit.)  
(Vitamin physiology; e.g. ref. to antiscorbutic activities; antioxidant, sometimes together with vitamin E; acts in the protein metabolism.)  
*d* primärer physiologischer Wirkungsbereich *m* von Vitamin C

- f* activités *fpl* physiologiques primaires de la vitamine C  
*p* atividades *fpl* primárias fisiológicas de vitamina C
- 4994 primary, secondary, tertiary alcohol**  
 (Prod.)  
 (Pharmaceutical chemistry.)  
*d* primärer, sekundärer, tertiärer Alkohol *m*  
*f* alcool *m* primaire, secondaire, tertiaire  
*p* álcool *m* primário, secundário, terciário
- 4995 primidone; 2-desoxyphenobarbital**  
 (Prod.)  
 (C<sub>12</sub>H<sub>14</sub>N<sub>2</sub>O<sub>2</sub>; medicamentous substance; anticonvulsant; see entry: antiepileptic medicine.)  
*d* Primidon *n*; 2-Desoxyphenobarbital *n*  
*f* primidone *f*; 2-desoxyphénobarbital *m*  
*p* primidona *f*; 2-desoxifenobarbital *m*
- 4996 principal effect of an antibiotic**  
 (Ant.)  
 (Ref. to an antibiotic drug in therapeutics.)  
*d* Hauptwirkung *f* eines Antibiotikums  
*f* effet *m* principal d'un antibiotique  
*p* efeito *m* principal de um antibiótico
- 4997 principal quantum number**  
 (Mol.)  
 (E.g. n=1; n=2; n=3 etc; i.e. : K = 1s (2 electrons); L = 2s, 2p (8 electrons); M= 3s, 3p, 3d (18 electrons) etc.)  
*d* Hauptquantenzahl *f*  
*f* nombre *m* quantique principal  
*p* número *m* quântico principal
- 4998 prior to use *adv***  
 (Prod.)  
 (Fine chemical technology.)  
*d* vor dem Gebrauch  
*f* avant l'emploi  
*p* antes do uso
- 4999 procedure**  
 (Prod.)  
 (Pharmaceutical chemistry; ref. to process technology.)  
*d* Verfahren *n*; Verfahrensweise *f*  
*f* processus *m*; procédé *m*  
*p* procedimento *m*; processo *m*
- 5000 process conditions; process details**  
 (Prod.)  
 (Pharmaceutical processes; ref. to prerequisites, technical requirements, course etc.)  
*d* Verfahrensbedingungen *fpl*;  
 Verfahrenseinzelheiten *fpl*  
*f* conditions *fpl* du procédé; détails *mpl* du processus  
*p* condições *fpl* do processo; detalhes *mpl* de processo
- 5001 process cycle; process sequence**  
 (Prod.)  
 (Pharmaceutical processes; ref. to the sequence of steps of a process.)  
*d* Kreislauf *m* des Verfahrens;  
 Verfahrensreihenfolge *f*  
*f* cycle *m* du procédé; séquence *f* du processus  
*p* ciclo *m* do processo; seqüência *f* do processo  
 \* **process details** → **5000**
- 5002 processing**  
 (Prod.)  
 (Fine chemical technology; production term, e.g. ref. to prime material.)  
*d* Verarbeitung *f*  
*f* traitement *m*; transformation *f*  
*p* processamento *m*; transformação *f*
- 5003 processing auxiliary in tableting**  
 (Prod.)  
 (Pharmaceutical technology; ref. to tableting processes.)  
*d* Verarbeitungshilfsmittel *n* beim Tablettieren  
*f* agent *m* auxiliaire de transformation dans la compression de comprimés  
*p* produto *m* auxiliar de transformação na compressão de comprimidos  
 \* **process sequence** → **5001**
- 5004 process steps**  
 (Prod.)  
 (Pharmaceutical technology; ref. e.g. to discontinuous production operations.)  
*d* Stufen *fpl* des Prozesses; Prozess-Stufen *fpl*  
*f* étapes *fpl* des processus  
*p* etapas *fpl* do processo
- 5005 produce *v* an ovulation; trigger *v* off an ovulation**  
 (Horm.)  
 (Hormone biochemistry for hormone therapy: Administration of "oestrogens: ovary hormones", see this entry.)  
*d* einen Eisprung auslösen  
*f* provoquer une ovulation; déclencher une ovulation  
*p* provocar uma ovulação; desencadear uma ovulação

- 5006 produce *v* by hydroxylation followed by decarboxylation**  
(Horm.)  
(Processes used in syntheses of certain hormones.)  
*d* erzeugen durch Hydroxylierung und darauffolgender Decarboxylierung  
*f* produire par l'hydroxylation puis la décarboxylation  
*p* produzir por hidroxilação seguida pela decarboxilação
- 5007 product description**  
(Prod.)  
(Pharmaceutical chemistry.)  
*d* Produktenbeschreibung *f*  
*f* description *f* du produit  
*p* descrição *f* do produto
- 5008 production anomalies of tablets**  
(Prod.)  
(Pharmaceutical processes, production defects in tableting; subject to "macroscopic examination", see entry.)  
*d* Fabrikationsanomalien *fpl* der Tabletten  
*f* anomalies *fpl* de fabrication de comprimés  
*p* anomalias *fpl* de fabricação de comprimidos
- 5009 production of antibiotics in industrial scale**  
(Ant.)  
(Starting during the forties of the last century.)  
*d* großtechnische Herstellung *f* von Antibiotika  
*f* production *f* de antibiotiques sur une échelle industrielle  
*p* produção *f* de antibióticos em escala industrial
- 5010 production of cold**  
(Prod.)  
(Pharmaceutical processes; ref. to processing activities.)  
*d* Kälterzeugung *f*  
*f* production *f* du froid  
*p* produção *f* de frio
- 5011 production of preparations**  
(Prod.)  
(Pharmaceutical technology.)  
*d* Präparate-Herstellung *f*  
*f* fabrication *f* de préparations  
*p* fabricação *f* de preparados
- 5012 production of sugar from sugar beet by high-pressure extraction**  
(Enz.)  
(Biotechnology in production processes.)  
*d* Zuckerherstellung *f* aus Zuckerrüben durch Hochdruck-Extraktion *f*  
*f* production *f* du sucre à partir des betteraves à sucre par de l'extraction à haute pression  
*p* produção *f* de açúcar a partir da beterraba doce pela extração a alta pressão
- 5013 production of vaccines for immunization**  
(Prod.)  
(Pharmaceutical technology; elaboration of antigenic substances for stimulation of antibody-development with the purpose of providing active immunity against certain diseases.)  
*d* Gewinnung *f* von Impfstoffen zur Immunisierung  
*f* production *f* des vaccins pour l'immunisation  
*p* produção *f* de vacinas para imunização
- 5014 product prepared in advance**  
(Prod.)  
(Pharmaceutical technology; ref. to research, production etc.)  
*d* im voraus präpariertes Produkt *n*;  
vorbereitetes Produkt *n*  
*f* produit *m* préparé à l'avance  
*p* produto *m* preparado antecipadamente
- 5015 product properties**  
(Prod.)  
(Pharmaceutical chemistry; description of the characteristics of a product, of its characteristic data.)  
*d* Produkteigenschaften *fpl*  
*f* propriétés *fpl* du produit  
*p* propriedades *fpl* do produto
- 5016 product purification**  
(Prod.)  
(Pharmaceutical technology.)  
*d* Produkten-Purifikation *f*  
*f* purification *f* des produits; épuration *f* des produits  
*p* purificação *f* dos produtos
- 5017 product purification by adsorption over charcoal**  
(Prod.)  
(Pharmaceutical processes; one of the purification processes for active principles.)  
*d* Produkten-Purifikation *f* durch Adsorption über Holzkohle  
*f* purification *f* des produits par adsorption sur charbon; épuration *f* des produits par adsorption sur charbon  
*p* purificação *f* dos produtos por adsorção sobre carvão



- 5018 product range**  
(Prod.)  
(Pharmaceutical technology; ref. to the different grades of one product.)  
*d* Produktenbereich *n*  
*f* plage *f* du produit  
*p* sortimento *m* do produto
- 5019 products intended as solubilizers**  
(Prod.)  
(Fine chemical technology.)  
*d* als Lösungsmittel vorgesehene Produkte *npl*  
*f* produits *mpl* prévus comme solubilisants  
*p* produtos *mpl* previstos como solubilizantes
- \* **products obtained by biotechnological procedures** → 5023
- 5020 products obtained by microbiological procedures**  
(Enz.)  
(Biotechnology as applied biological science aimed at industrial exploitation.)  
*d* durch mikrobiologische Verfahren erhaltene Produkte *npl*  
*f* produits *mpl* obtenus par des procédés microbiologiques  
*p* produtos *mpl* obtidos procedimentos microbiológicos
- 5021 products of catabolism processes**  
(Med.)  
(Ref. to the decomposing metabolism – under energy release, supposedly influenced by certain vitamins.)  
*d* Produkte *npl* der Katabolismus-Prozesse  
*f* produits *mpl* des processus des catabolismes  
*p* produtos *mpl* dos processos de catabolismo
- 5022 product solubility**  
(Prod.)  
(Pharmaceutical chemistry; product characteristic.)  
*d* Produktlöslichkeit *f*; Löslichkeit *f* des Produktes  
*f* solubilité *f* du produit  
*p* solubilidade *f* do produtos
- 5023 products produced by biotechnological procedures; products obtained by biotechnological procedures**  
(Enz.)  
(Biotechnology as applied biological science aimed at industrial exploitation.)  
*d* durch biotechnologische Verfahren produzierte Produkte *npl*  
*f* produits *mpl* fabriqués par des procédés biotechnologiques
- p* produtos *mpl* fabricados pelos procedimentos biotecnológicos
- 5024 product stability**  
(Vit.)  
(Vitamin technology; ref. to vitamin preparations.)  
*d* Produktstabilität *f*  
*f* stabilité *f* des produits  
*p* estabilidade *f* dos produtos
- 5025 product suitable for direct tableting**  
(Prod.)  
(Pharmaceutical technology; tableting auxiliaries: e.g. cellulose; calcium phosphate; glucose; lactose; sorbitol; starch.)  
*d* zur Direkttablettierung geeignetes Produkt *n*  
*f* produit *m* convenant pour la compression directe  
*p* produto *m* apropriado para a compressão direta
- 5026 product viscosity in water**  
(Prod.)  
(Pharmaceutical technology; product behaviour.)  
*d* Produkt-Viskosität *f* in Wasser  
*f* viscosité *f* du produit dans l'eau  
*p* viscosidade *f* do produto na água
- 5027 product with inadequate biodegradability**  
(Prod.)  
(Pharmaceutical technology; see entries on: detergent.)  
*d* nichtausreichend biologisch abbaubares Produkt *n*  
*f* produit *m* de biodégradabilité insuffisante  
*p* produto *m* de biodegradabilidade insuficiente
- 5028 profound activity**  
(Pharm.)  
(Ref. e.g. to creams, ointments; also to rays of radiotherapy.)  
*d* Tiefenwirkung *f*  
*f* action *f* en profondeur  
*p* ação *f* em profundidade
- 5029 progestational hormone; corpus luteum hormone**  
(Horm.)  
(Progesterone, luteohormone; C<sub>21</sub>H<sub>30</sub>O<sub>2</sub>; used e.g. against infertility, acne vulgaris and prostatic carcinoma.)  
*d* Schwangerschaftshormon *n*;  
Gelbkörperhormon *n*  
*f* hormone *f* progestative; hormone *f* du corps jaune  
*p* hormônio *m* da gravidez; hormônio *m* do corpo-lúteo

- 5030 progestational vitamin E**  
(Vit.)  
(Vitamin physiology; C<sub>29</sub>H<sub>50</sub>O<sub>2</sub>; antisterility vitamin.)  
*d* schwangerschaftsförderndes Vitamin *n* E  
*f* vitamine *f* E progestative  
*p* vitamina *f* E progestacional
- 5031 progesterone; progestin**  
(Horm.)  
(C<sub>21</sub>H<sub>30</sub>O<sub>2</sub>; corpus luteum hormone; see entry: progestational hormone; corpus luteum hormone.)  
*d* Progesteron *n*; Progestin *n*  
*f* progesterone *f*; progestine *f*  
*p* progesterona *f*; progestina *f*
- 5032 progesterone has a thermogenic effect in the body**  
(Horm.)  
(Hormone physiology: used in the determination of the moment of ovulation.)  
*d* Progesteron *n* hat eine wärmeerzeugende Wirkung im Körper  
*f* progesterone *f* a une effet thermogène dans le corps  
*p* progesterona *f* há um efeito termogênico no corpo
- 5033 progesterone is formed in the corpus luteum**  
(Horm.)  
(Hormone biochemistry; hormone physiology; origin of one of the female sex hormones; see entry: female sex hormone.)  
*d* Progesteron *n* wird im Gelbkörper gebildet  
*f* progesterone *f* est formée dans le corps jaune  
*p* progesterona *f* é formada no corpo-amarelo; progesterona *f* é formada no corpo-lúteo
- 5034 progesterone permits to detect ovulation**  
(Horm.)  
(Ref. to ovulation detection by corporal temperature.)  
*d* Progesteron *n* ermöglicht es den Eisprung zu ermitteln  
*f* progesterone *f* permet de détecter l'ovulation  
*p* progesterona *f* permite detectar a ovulação
- \* **progestin** → 5031
- 5035 progressive cooling of the compound mass**  
(Prod.)  
(Pharmaceutical processes.)  
*d* progressives Abkühlen *n* der Verbindungsmasse; fortschreitendes Abkühlen *n* der Verbindungsmasse  
*f* refroidissement *m* progressif de la masse d'un composé  
*p* resfriamento *m* progressivo da massa de um composto
- 5036 progressive course of electron transport**  
(Vit.)  
(Ref. to vitamin/enzyme activity, e.g. in the cell respiratory chain, esp. of the vitamin B group.)  
*d* progressiver Kurs *m* des Elektronentransportes  
*f* cheminement *m* du transport d'électrons  
*p* curso *m* progressivo do transporte de elétrons
- 5037 progressive desiccation**  
(Prod.)  
(Pharmaceutical processes: tablet treatment.)  
*d* progressive Trocknung *f*  
*f* desiccation *f* progressive  
*p* dessecação *f* progressiva
- 5038 progressive release**  
(Vit.)  
(Vitamin technology; ref. to vitamin medicaments: progressive vitamin liberation.)  
*d* progressive Freigabe *f*; schrittweise Freisetzung *f*  
*f* libération *f* progressive  
*p* liberação *f* progressiva
- 5039 progressive retard of liberation of the active principle**  
(Prod.)  
(Pharmaceutical technology; effect obtained by the use of certain auxiliaries.)  
*d* progressive Verzögerung *f* der Freisetzung des Wirkstoffes  
*f* retard *m* progressif de la libération du principe actif  
*p* retardação *f* progressiva da liberação do princípio ativo
- 5040 prohormone**  
(Horm.)  
(Inactive preliminary stage of hormones, stored in the organ of origin, which are transformed by a secretion-stimulus, into the biochemically active form and thus released (e.g. glucagon, insulin).)  
*d* Prohormon *n*  
*f* pro-hormone *f*  
*p* prohormônio *m*
- 5041 prolactin**  
(Horm.)  
(PRL. See: lactogenic hormone; lactation inducing hormone.)  
*d* Prolactin *n*

- f* prolactine *f*  
*p* prolactina *f*
- 5042 proliferation**  
(Med.)  
(Esp.: ref. to rapid pathological tissue growth due to cell multiplication.)  
*d* Proliferation *f*; Wucherung *f*; starke Vermehrung *f*  
*f* prolifération *f*  
*p* proliferação *f*
- 5043 proliferation polymer**  
(Prod.)  
(Pharmaceutical technology; ref. to the structural characteristics of a popcorn polymer.)  
*d* Wucherungspolymerisat *n*;  
Proliferationspolymerisat *n*  
*f* polymère *m* de prolifération  
*p* polímero *m* de proliferação
- 5044 proline**  
(Enz.)  
(Enzymology; C<sub>5</sub>H<sub>9</sub>NO<sub>2</sub>; nonessential heterocyclic amino acid.)  
*d* Prolin *n*  
*f* proline *f*  
*p* prolina *f*
- 5045 prolonged action**  
(Vit.)  
(Vitamin technology; e.g. characteristic of certain vitamin preparations and vitamin forms.)  
*d* anhaltende Wirkung *f*  
*f* effet *m* prolongé  
*p* efeito *m* prolongado
- 5046 prolonged activity**  
(Pharm.)  
(Ref. to a slow liberation of the active principle from the drug to maintain a therapeutic effect during an extended period.)  
*d* Langzeitwirkung *f*  
*f* action *f* prolongée  
*p* ação *f* prolongada; ação *f* retardada
- 5047 prolonged retention of the active principle**  
(Prod.)  
(Pharmaceutical technology.)  
*d* anhaltende Zurückhaltung *f* des Wirkstoffes  
*f* rétention *f* prolongée du principe actif  
*p* retenção *f* prolongada do princípio ativo
- 5048 promethazine**  
(Prod.)  
(C<sub>17</sub>H<sub>20</sub>N<sub>2</sub>S; medicamentous substance; antiallergic remedy, antiemetic; see these entries.)  
*d* Promethazin *n*  
*f* prométhazine *f*  
*p* prometazina *f*  
\* **1,2-propanediol** → 5059  
\* **propanone** → 41
- 5049 prophase**  
(Cyt.)  
(Phase of mitosis and meiosis; formation of the aster and the achromatic spindle; individualization of the chromosomes and their representation in homologous pairs.)  
*d* Prophase *f*  
*f* prophase *f*  
*p* prófase *f*
- 5050 prophylactic action**  
(Med.)  
(Acting to prevent a disease: e.g. vaccination.)  
*d* vorbeugende Wirkung *f*  
*f* action *f* prophylactique  
*p* ação *f* profilática
- 5051 prophylactic administration**  
(Vit.)  
(Vitamin physiology; administration method of vitamins to avoid deficiency diseases.)  
*d* vorbeugende Verabreichung *f*;  
prophylaktische Verabreichung *f*  
*f* administration *f* prophylactique  
*p* administração *f* profilática
- 5052 prophylactic administration of vitamin A during pregnancy**  
(Vit.)  
(Vitamin physiology; to avoid deformities of the foetus, eventually due to vitamin A deficiency.)  
*d* prophylaktische Einnahme *f* von Vitamin A während der Schwangerschaft; vorbeugende Einnahme *f* von Vitamin A während der Schwangerschaft  
*f* administration *f* prophylactique de vitamine A pendant la grossesse  
*p* administração *f* profilática de vitamina A durante a gravidez
- 5053 prophylactic taking of vitamins**  
(Vit.)  
(Vitamin in therapeutics.)  
*d* prophylaktische Einnahme *f* von Vitaminen; vorbeugende Einnahme *f* von Vitaminen

- f* prise *f* prophylactique de vitamines  
*p* tomada *f* profilática de vitaminas
- \* **prophylaxis against relapse** → 5288
- 5054 propionic acid**  
 (Prod.)  
 (C<sub>3</sub>H<sub>6</sub>O<sub>2</sub>; propanoic acid; auxiliary in pharmaceutical processes/production; a solvent in pharmaceutical technology.)  
*d* Propionsäure *f*  
*f* acide *m* propionique  
*p* ácido *m* propiônico
- 5055 propionic acid as preservation auxiliary in medicinal drugs**  
 (Prod.)  
 (Pharmaceutical technology; e.g. for medicamentous drugs, less the ophthalmic ones.)  
*d* Propionsäure *f* als Konservierungs-Hilfsmittel in Medikamenten  
*f* acide *m* propionique comme auxiliaire de conservation dans de médicaments  
*p* ácido *m* propiônico como auxiliar de conservação em medicamentos
- 5056 propolis**  
 (Phyto.)  
 (Bee bread; propolis wax; use: e.g. expectorant ingredient; folkloristic called "natural antibiotic".)  
*d* Bienenwachs *n*  
*f* propolis *f*  
*p* própolis *f*; própole *f*
- 5057 proportion rate**  
 (Prod.)  
 (Pharmaceutical technology; e.g. in calculations, in formulae etc.)  
*d* Größenverhältnis *n*; Proportion *f*  
*f* taux *m* de proportion; rapport *m* de proportion  
*p* razão *f*; proporção *f*
- 5058 proportions in which products are added**  
 (Prod.)  
 (Pharmaceutical processes.)  
*d* Größenverhältnis *n*, in welchem Produkte eingesetzt werden; Größenverhältnis *n* des Produkteneinsatzes  
*f* proportions *fpl* d'addition des produits  
*p* concentração *f* dos produtos empregados
- 5059 propylene glycol; 1,2-propanediol**  
 (Prod.)  
 (C<sub>3</sub>H<sub>8</sub>O<sub>2</sub>; auxiliary in pharmaceutical processes/production, e.g. a solvent for pharmaceuticals.)  
*d* Propylenglykol *n*; 1,2-Propandiol *n*  
*f* propylène glycol *m*; 1,2-propanediol *m*  
*p* propileno glicol *m*; 1,2-propanodiol *m*
- 5060 propyl gallate**  
 (Vit.)  
 (Vitamin technology; C<sub>10</sub>H<sub>12</sub>O<sub>5</sub>; an antioxidant.)  
*d* Propylgallat *n*  
*f* gallate *m* de propyle  
*p* galato *m* de propila
- 5061 propyl-p-hydroxybenzoate**  
 (Prod.)  
 (Pharmaceutical technology; propylparaben; C<sub>10</sub>H<sub>12</sub>O<sub>3</sub>; preservative in nonparenteral preparations; shows bacteriostatic effect, also in ointments.)  
*d* Propyl-p-hydroxybenzoat *n*  
*f* propyle hydroxy-4 benzoate *m*  
*p* p-hidroxibenzoato *m* de propila
- 5062 propylthiouracil**  
 (Prod.)  
 (C<sub>7</sub>H<sub>10</sub>N<sub>2</sub>OS; medicamentous substance against hyperthyroidism; see entry: thyrostatic medicinal drug.)  
*d* Propylthiouracil *n*  
*f* propylthiouracile *m*  
*p* propiltiouracila *f*
- 5063 prostaglandine as a hormonal substance**  
 (Horm.)  
 (C<sub>21</sub>H<sub>30</sub>O<sub>2</sub>; corpus luteum hormone.)  
*d* Prostaglandin *n* als hormonale Substanz  
*f* prostaglandine *f* comme substance hormonale  
*p* prostaglandina *f* como substância hormonal
- 5064 prostaglandines as inflammatory substances**  
 (Horm.)  
 (Ref. to one of the characteristics of this hormone-like substance in the organism.)  
*d* Prostaglandine *npl* als entzündungsvermittelnde Stoffe  
*f* prostaglandines *fpl* comme substances inflammatoires  
*p* prostaglandinas *fpl* como substâncias inflamatórias
- 5065 prostaglandines – pain-transmitting substances**  
 (Horm.)  
 (Prostaglandines are hormone-like substances.)  
*d* Prostaglandine *npl* – schmerzvermittelnde Substanzen

- f* prostaglandines *fpl* – substances médiatrices de la douleur  
*p* prostaglandinas *fpl* – substâncias mediadoras da dor
- 5066 prostaglandines with prolonged action**  
 (Prod.)  
 (Pharmaceutical technology; ref. to synthetic medicaments for the treatment of gastric ulcer.)  
*d* Prostaglandine *npl* mit verlängerter Wirkungsdauer  
*f* prostaglandines *fpl* à l'action prolongée  
*p* prostaglandinas *fpl* de ação prolongada
- 5067 prostaglandin is a derivative of unsaturated fatty acids**  
 (Horm.)  
 (Hormone biochemistry; hormone structure.)  
*d* Prostaglandin *n* ist ein Derivat ungesättigter Fettsäuren  
*f* prostaglandine *f* est un dérivé d'acides gras non saturés  
*p* prostaglandina *f* é um derivado de ácidos graxos não saturados
- 5068 prostaglandin is a fatty acid hormone**  
 (Horm.)  
 (Ref. to the chemical origin of hormones.)  
*d* Prostaglandin *n* ist ein Fettsäurehormon  
*f* prostaglandine *f* est une hormone dérivée d'acides gras  
*p* prostaglandina *f* é um hormônio de ácidos graxos
- 5069 prostaglandins**  
 (Horm.)  
 (Hormone-like substances, fatty acids with hormone-like actions: Womb-contractions, blood pressure regulation.)  
*d* Prostaglandine *npl*  
*f* prostaglandines *fpl*  
*p* prostaglandinas *fpl*
- 5070 prosthetic complex**  
 (Enz.)  
 (Enzymology; e. g. the prosthetic h[æ]moglobin complex.)  
*d* prosthetischer Komplex *m*  
*f* complexe *m* prosthétique  
*p* complexo *m* prostético
- 5071 prosthetic group**  
 (Enz.)  
 (Cofactor types: a) prosthetic group, b.) coenzyme.)  
*d* prosthetische Gruppe *f*  
*f* groupe *m* prosthétique
- p* grupo *m* prostético
- 5072 prosthetic grouping**  
 (Enz.)  
 (Enzymology; non-proteic enzyme fractions, e.g. as part of the enzymatic protein.)  
*d* prosthetische Gruppenbildung *f*  
*f* groupement *m* prosthétique  
*p* agrupamento *m* prostético
- 5073 protamine**  
 (Enz.)  
 (Enzymology; highly basic proteins, with high arginine content, associated to the DNA)  
*d* Protamin *n*  
*f* protamine *f*  
*p* protamina *f*
- 5074 protamine associated to nucleic acids**  
 (Enz.)  
 (Enzymology; ref. to protein structure.)  
*d* Protamin *n* mit Nukleinsäuren verbunden  
*f* protamine *f* associée à des acides nucléiques  
*p* protamina *f* associada aos ácidos nucléicos
- 5075 protease**  
 (Enz.)  
 (Protein- and polypeptides-hydrolyzing enzymes.)  
*d* Protease *f*  
*f* protéase *f*  
*p* protease *f*
- \* **protease** → 5095
- 5076 protected from light** *adj*  
 (Vit.)  
 (Vitamin technology; ref. to vitamin preparations.)  
*d* lichtgeschützt; vor Licht geschützt  
*f* à l'abri de la lumière  
*p* ao abrigo da luz
- 5077 protection of the cells against oxydative degradation**  
 (Vit.)  
 (Vitamin physiology; ref. to vitamins with antioxidant activities, e.g. vitamin C (ascorbic acid) and beta-carotene (as provitamin A), vitamin E (alpha tocopherol).)  
*d* Schutz *m* der Zellen gegen oxydative Degradierung; Zellschutz *m* gegen oxydativen Zerfall  
*f* protection *f* des cellules contre la dégradation oxydative  
*p* proteção *f* das células contra a degradação oxidativa

- 5078 protective coat; protective cover**  
(Prod.)  
(Pharmaceutical processes; e.g. ref. to coating techniques in tableting.)  
*d* Schutzschicht *f*; Schutzbeschichtung *f*  
*f* revêtement *m* protecteur; enrobage *m* protecteur  
*p* revestimento *m* protetor; camada *f* protetora
- 5079 protective colloid**  
(Vit.)  
(Vitamin technology: in the production of vitamin dry powders.)  
*d* Schutzkolloid *n*  
*f* colloïde *m* protecteur  
*p* colóide *m* protetor
- \* **protective cover** → 5078
- 5080 protective effect of a sun filter milk**  
(Med.)  
(Ref. to the protective effects of medicaments for the prevention of diseases.)  
*d* Schutzwirkung *f* einer Lichtschutzemulsion  
*f* effet *m* protectif d'un lait solaire  
*p* efeito *m* protetor de um leite bronzeador; efeito *m* protetedor de um leite bronzeador
- 5081 protective enzyme**  
(Enz.)  
(In physiology: e.g. catalase, which catalyzes the decomposition of hydrogen peroxide into water and oxygen.)  
*d* Schutzenzym *n*  
*f* enzyme *f* protectrice  
*p* enzima *f* protetora
- 5082 protective layers applied by spreading of a solution**  
(Prod.)  
(Pharmaceutical processes; ref. to tableting.)  
*d* Schutzfilm *m* aufgetragen durch Überziehen mit einer Lösung  
*f* couches *fpl* protectrices appliquées par étalement d'une solution  
*p* camadas *fpl* protetoras aplicadas por cobertura com uma solução
- 5083 protective protein**  
(Enz.)  
(Defensive protein types, ref. to pathology/immunology.)  
*d* Schutzprotein *n*; Abwehrprotein *n*  
*f* protéine *f* protectrice  
*p* proteína *f* protetora
- 5084 protective substances**
- (Vit.)  
(Vitamin technology; ref. to vitamin tablet production.)  
*d* Schutzsubstanzen *fpl*  
*f* substances *fpl* protectrices  
*p* substâncias *fpl* protetoras
- 5085 protective vaccination**  
(Pharm.)  
(Immunity producing preventive measure.)  
*d* Schutzimpfung *f*  
*f* vaccination *f* protectrice  
*p* vacinação *f* protetora
- 5086 protect v the medicamentous substance during the course of its preservation**  
(Prod.)  
(Pharmaceutical technology.)  
*d* die medikamentöse Substanz während der Dauer ihrer Konservierung schützen  
*f* protéger la substance médicamenteuse au cours de sa conservation  
*p* proteger a substância medicamentosa durante o curso de sua conservação
- 5087 proteic hormones**  
(Horm.)  
(E.g. placenta-hormone secreted during gestation.)  
*d* Proteinhormone *npl*  
*f* hormones *fpl* protéiques  
*p* hormônios *mpl* protéicos
- 5088 proteic structure disintegration**  
(Enz.)  
(Due to certain vitamin deficiencies.)  
*d* Proteinstruktur-Auflösung *f*  
*f* déstructuration *f* (de la structure) protéique; désintégration *f* de la structure protéique  
*p* desestruturação *f* (da estrutura) protéica
- 5089 proteic subunity**  
(Enz.)  
(Enzymology; ref. to protein structure.)  
*d* Protein-Untereinheit *f*  
*f* sous-unité *f* protéique  
*p* subunidade *f* protéica
- 5090 proteid**  
(Enz.)  
(Substances in the living organisms, capable of giving origin, by hydrolysis, to natural aminoacids.)  
*d* Proteid *n*  
*f* protéide *m*  
*p* proteído *m*

- 5091 protein**  
(Enz.)  
(Group of organic compounds of amino acid chain(s), essential constituent of the body.)  
*d* Protein *n*; Eiweiß *n*  
*f* protéine *f*  
*p* proteína *f*
- 5092 proteinaceous adj**  
(Enz.)  
(Ref. to proteins, e.g. proteinaceous content.)  
*d* proteinhaltig  
*f* protéique  
*p* protéico
- 5093 proteinaceous hypercatabolism**  
(Med.)  
(Catabolism-disfunction; characterized by an increased rate of metabolic breakdown.)  
*d* Protein-Hyperkatabolismus *m*  
*f* hypercatabolisme *m* protéique  
*p* hipercatabolismo *m* protéico
- 5094 proteinaceous polypeptidic hormones**  
(Horm.)  
(Hormones in genetic engineering.)  
*d* polypeptidische Proteohormone *npl*  
*f* hormones *fppl* protéiniques polypeptidiques  
*p* hormônios *mpl* protéicos polipeptídicos
- \* **protein-anabolic effect** → 364
- 5095 proteinase; protease**  
(Enz.)  
(Enzymology; protein-hydrolyzing enzymes: e.g. digestive proteinase: pepsine, trypsin; In the blood: thrombin (coagulation factor); in plants: papain.)  
*d* Proteinase *f*; Protease *f*  
*f* protéinase *f*; protéase *f*  
*p* proteinase *f*; protease *f*
- 5096 protein biosynthesis**  
(Enz.)  
(Enzymology; ref. to biochemical research and production; a biochemical process.)  
*d* Proteinbiosynthese *f*  
*f* biosynthèse *f* de protéines  
*p* biossíntese *f* das proteínas
- 5097 protein biosynthesis in genetics**  
(Enz.)  
(In genetics: a cyclic multistage process, synthetizing free amino acids of the cells into genetically determined sequences.)  
*d* Proteinbiosynthese *f* in der Genetik  
*f* biosynthèse *f* de protéines dans la génétique  
*p* biossíntese *f* das proteínas na genética
- 5098 protein classification**  
(Enz.)  
(Enzymology.)  
*d* Klassifizierung *f* der Proteine  
*f* classification *f* des protéines  
*p* classificação *f* das proteínas
- 5099 protein cleaved by an enzyme**  
(Enz.)  
(Ref. to chemical cleavage processes.)  
*d* Proteinspaltung *f* durch ein Enzym  
*f* protéine *f* clivée par une enzyme  
*p* proteína *f* clivada por uma enzima
- 5100 protein coagulation**  
(Enz.)  
(Ref. to coagulation processes.)  
*d* Koagulation *f* der Proteine  
*f* coagulação *f* des protéines  
*p* coagulação *f* das proteínas
- 5101 protein complex**  
(Enz.)  
(Protein complex (e.g. thiamine pyrophosphate) bound to an enzyme: in vitamin biochemistry.)  
*d* Proteinkomplex *m*  
*f* complexe *m* de protéines; complexe *m* protéique  
*p* complexo *m* de proteínas; complexo *m* protéico
- 5102 protein composition**  
(Enz.)  
(Enzymology, one of the protein-classification criterions.)  
*d* Protein-Zusammensetzung *f*  
*f* composition *f* de la protéine  
*p* composição *f* da proteína
- 5103 protein decomposition**  
(Med.)  
(Enzymology; biochemical process.)  
*d* Eiweißabbau *m*  
*f* décomposition *f* de la protéine;  
décomposition *f* protéique  
*p* decomposição *f* da proteína; decomposição *f* protéica
- 5104 protein deficiency**  
(Med.)  
(Ref. to nutritional deficiencies; see also: hypoproteinaemia.)  
*d* Proteinmangel *m*  
*f* carence *f* en protéines  
*p* deficiência *f* de proteínas
- \* **protein deficiency** → 5334

- 5105 protein deficiency in medicine**  
(Med.)  
(Ref. to nutritional deficiencies in medicine:  
see also: hypoproteinaemia.)  
*d* Proteinmangel *m* in der Medizin  
*f* carence *f* en protéines dans la médecine  
*p* deficiência *f* de proteínas na medicina
- \* **protein depletion** → 3331
- 5106 protein hormone**  
(Horm.)  
(E.g. insulin)  
*d* Proteinhormon *n*  
*f* hormone *f* protéique  
*p* hormônio *m* protéico
- 5107 proteinic substrate; protein substrate**  
(Enz.)  
(Substrate type; a substrate is a substance with  
specific character for specific enzymes and  
their activity.)  
*d* Proteinsubstrat *m*  
*f* substrat *m* protéique; substrat *m* protéidique  
*p* substrato *m* protéico
- 5108 protein-kinase**  
(Enz.)  
(See entries: kinases; stimulation of the  
intracellular protein-kinase; specific protein-  
kinases are activated by second messengers;  
(see: second messengers and kinases.)  
*d* Proteinkinase *f*  
*f* protéine-kinase *f*  
*p* proteino-quinase *f*
- 5109 protein macromolecule**  
(Enz.)  
(Enzymology; ref. to protein  
characteristics.)  
*d* Protein-Makromolekül *n*  
*f* macromolécule *f* protéinique  
*p* macromolécula *f* protéica
- 5110 protein metabolism**  
(Enz.)  
(Promoted by acetyl coenzyme A (acetyl  
CoA) as metabolic intermediary.)  
*d* Metabolismus *m* der Proteine; Stoffwechsel *m*  
der Proteine  
*f* métabolisme *m* des protéines  
*p* metabolismo *m* das proteínas
- 5111 protein molecule**  
(Mol.)  
(Molecular biology.)  
*d* Proteinmolekül *n*; Eiweißmolekül *n*
- f* molécule *f* protéique  
*p* molécula *f* protéica
- 5112 protein-precipitating effect**  
(Pharm.)  
(Ref. to the astringent effect of certain drugs  
in the intestine, used in cases of diarrhoea.)  
*d* eiweißfällende Wirkung *f*  
*f* effet *m* proteino-précipitant  
*p* efeito *m* proteino-precipitante
- 5113 proteins formed by one single polypeptide chain**  
(Enz.)  
(Enzymology; ref. to protein structure, chain  
of amino acids.)  
*d* Proteine *npl* aus einer einzigen Polypeptid-  
Kette gebildet  
*f* protéines *fpl* formées d'une chaîne  
polypeptidique unique  
*p* proteínas *fpl* formadas por uma única cadeia  
polipeptídica
- 5114 proteins from alimentary products**  
(Enz.)  
(Pharmaceutical technology; material e.g. for  
the production of vaccines.)  
*d* Proteine *npl* aus Nahrungsprodukten  
*f* protéines *fpl* de produits alimentaires  
*p* proteínas *fpl* de produtos alimentícios
- 5115 proteins from respirable substances**  
(Enz.)  
(Pharmaceutical technology; material e.g. for  
the production of vaccines.)  
*d* Proteine *npl* von zur Einatmung vorgesehenen  
Substanzen  
*f* protéines *fpl* des substances à inhaler  
*p* proteínas *fpl* de substâncias inaláveis
- 5116 protein solubility**  
(Enz.)  
(Enzymology, one of the protein-  
classification criterions.)  
*d* Protein-Löslichkeit *f*; Löslichkeit *f* des  
Proteins  
*f* solubilité *f* de la protéine  
*p* solubilidade *f* da proteína
- 5117 protein stabilization**  
(Enz.)  
(Enzymology; ref. to complexation techniques  
with certain auxiliaries.)  
*d* Protein-Stabilisierung *f*  
*f* stabilisation *f* des protéines  
*p* estabilização *f* de proteínas



- 5118 protein strands wound around each other into a double helix**  
(Enz.)  
(The two double strands of nucleic acid, forming the DNA-helix.)  
*d* doppelt schraubenförmig verwundene Eiweißkette *f*; Eiweißketten-Helix-Modell *n*  
*f* double hélice *f* des protéines; conformation *f* tridimensionnelle en double hélice des protéines  
*p* hélice *f* dupla protéica, enovelada sobre si
- 5119 protein structure**  
(Enz.)  
(Enzymology; ref. to the constitutive amino acids.)  
*d* Proteinstruktur *f*; Eiweißstruktur *f*  
*f* structure *f* des protéines; structure *f* protéique  
*p* estrutura *f* das proteínas; estrutura *f* protéica
- \* **protein substrate** → 5107
- 5120 protein support**  
(Vit.)  
(Ref. to vitamin activity.)  
*d* Proteinbase *f*; Protein-Träger *m*  
*f* support *m* protéique  
*p* suporte *m* protéico
- 5121 protein support structure**  
(Vit.)  
(Vitamin basis for vitamin biochemical reactions and -transport.)  
*d* Proteinbasen-Struktur *f*  
*f* structure *f* protéique-support; structure *f* de support protéique  
*p* estrutura *f* do suporte protéico
- 5122 protein-support structures in vitamin biochemistry**  
(Vit.)  
(Ref. to vitamin activity.)  
*d* Proteinstrukturenbase *f* in der Biochemie der Vitamine  
*f* structures *fpl* protéiques-supports dans la biochimie des vitamines  
*p* estruturas *fpl* protéicas de suporte na bioquímica das vitaminas
- 5123 protein synthesis**  
(Enz.)  
(Protein, group of organic compounds of amino acid chain(s).)  
*d* Proteinsynthese *f*; Eiweißsynthese *f*  
*f* synthèse *f* des protéines; synthèse *f* protéique  
*p* síntese *f* das proteínas; síntese *f* protéica
- 5124 protein synthesis as the target of antibiotics**  
(Ant.)  
(Target for antibiotic action on bacteria.)  
*d* Proteinsynthese *f* als Ziel der Antibiotika  
*f* synthèse *f* des protéines comme le cible des antibiotiques  
*p* síntese *f* das proteínas como alvo dos antibióticos
- 5125 proteolysis**  
(Enz.)  
(Protein- and peptide hydrolysis e.g. by proteolytic enzymes (proteases or peptidases).)  
*d* Proteolyse *f*  
*f* protéolyse *f*  
*p* proteólise *f*
- \* **proteolytic enzyme** → 4852
- 5126 proteolytic enzymes**  
(Enz.)  
(Proteolysis (hydrolysis of proteins/peptides) provoking enzyme.)  
*d* eiweißspaltende Enzyme *npl*  
*f* enzymes *mpl* protéolytiques  
*p* enzimas *fpl* proteolíticas
- \* **proton donor** → 5127
- 5127 proton donor; proton donor**  
(Mol.)  
(E.g. H+ giving substances; donors/donators take part in covalent bonds with an electron or an electron-pair.)  
*d* Protonen-Donor *m*; Protonen-Donator *m*  
*f* donneur *m* de protons  
*p* doador *m* de protons
- \* **proton number** → 670
- 5128 provitamin**  
(Vit.)  
(Vitamin-precursor, convertible into a vitamin in the human body.)  
*d* Provitamin *n*  
*f* provitamine *f*  
*p* provitamina *f*
- \* **provitamin A** → 783
- 5129 provitamin steroid**  
(Vit.)  
(Vitamin biochemistry; ref. to vitamin D synthesis.)  
*d* Provitamin-Steroid *n*  
*f* stéroïde *m* provitaminique  
*p* esteróide *m* provitamínico

- 5130 psoriasis remedy; remedy psoriatic**  
(Prod.)  
(Ref. to a chronic, itchy dermatological scales forming disease.)  
*d* Heilmittel *n* für Psoriasis; Heilmittel *n* gegen Schuppenflechte  
*f* remède *m* contre le psoriasis; remède *m* psoriasique  
*p* remédio *m* contra a psoríase; remédio *m* psoriaco
- 5131 pteroylglutamic acid**  
(Vit.)  
(C<sub>19</sub>H<sub>19</sub>N<sub>7</sub>O<sub>6</sub>; PGA; folic acid (see entry); vitamin BC, vitamin M.)  
*d* Pteroylglutaminsäure *f*  
*f* acide *m* pteroylglutamique  
*p* ácido *m* pteroilglutâmico
- 5132 ptyalin; saliva amylase**  
(Enz.)  
(Amylolytic enzyme, for starch conversion: beginning of the chemical digestion process.)  
*d* Ptyalin *n*; Speichelamylase *f*  
*f* ptyaline *f*; amylase *f* salivaire  
*p* ptialina *f*; amilase *f* da saliva
- 5133 pulmonary alveoli**  
(Anat.)  
(Treatment by aerosols; see entry: medicamentous aerosol.)  
*d* Lungenbläschen *npl*  
*f* alvéoles *npl* pulmonaires  
*p* alvéolos *npl* pulmonares
- 5134 pulp**  
(Phyto.)  
(Constituent of plants, fruits etc.)  
*d* Pflanzenmark *n*; Fruchtfleisch *n*  
*f* pulpe *f*; chair *f*  
*p* polpa *f*
- 5135 pulverization**  
(Prod.)  
(Pharmaceutical processes; to reduce to small particles (by grinding, crushing etc.); to project a powder, to sprinkle, to cover with a powder.)  
*d* Pulverisierung *f*  
*f* pulvérisation *f*  
*p* pulverização *f*
- 5136 pulverization as fine division process**  
(Prod.)  
(Pharmaceutical processes; ref. to a mechanical division operation.)  
*d* Pulverisierung *f* als Prozess der
- Feindivision  
*f* pulvérisation *f* comme procédé de la division fine  
*p* pulverização *f* como processo da divisão fina
- 5137 pulverization of the medicinal drug**  
(Prod.)  
(Pharmaceutical processes; e.g. in the elaboration processes of medicinal powders.)  
*d* Pulverisierung *f* des medizinischen Wirkstoffes  
*f* pulvérisation *f* du principe actif  
*p* pulverização *f* do princípio ativo
- 5138 pulverization of the solution of coating material**  
(Prod.)  
(Pharmaceutical processes; ref. to coating techniques in tableting.)  
*d* Pulverisierung *f* der Materiallösung des Filmüberzugs  
*f* pulvérisation *f* de la solution des matières enrobantes  
*p* pulverização *f* da solução dos materiais de revestimento
- 5139 pupil**  
(Anat.)  
(Ref. to eye structure; light passage to the eye lens.)  
*d* Pupille *f*  
*f* pupille *f*  
*p* pupila *f*
- 5140 pupil constriction through parasympathomimetics**  
(Pharm.)  
(Parasympathomimetics stimulate the parasympathetic nervous system: vasodilatation, eye pupil constriction; e.g. pilocarpine (C<sub>11</sub>H<sub>16</sub>N<sub>2</sub>O<sub>2</sub>), a miotic (contracts the pupil).)  
*d* Pupillenverengung *f* durch Parasympathikomimetika  
*f* contraction *f* de la pupille par des parasympathicomimétiques  
*p* contração *f* da pupila pelos parasimpaticomiméticos
- 5141 pupil-dilation as effect of atropine**  
(Pharm.)  
(Ref. to medicamentous mydriasis, see this entry.)  
*d* Pupillenerweiterungswirkung *f* des Atropins  
*f* effet *m* mydriatique de l'atropine  
*p* efeito *m* midriático da atropina

- 5142 pupil-dilation by parasympatholytics**  
(Pharm.)  
(Ref. to the action of medicaments which oppose the effect of parasympathetic system; see entries showing "atropine".)
- d* Pupillenerweiterung *f* durch Parasympathikolytika; Pupillenerweiterung *f* durch Parasympatholytika
- f* dilatation *f* de la pupille par des parasympathicolithiques
- p* dilatação *f* da pupila por parassimpaticolíticos
- 5143 pupil-dilation by sympathomimetics**  
(Pharm.)  
(Ref. to the action of medicaments which stimulate the sympathetic nervous system, e.g. ephedrine (C<sub>10</sub>H<sub>15</sub>NO).)
- d* Pupillenerweiterung *f* durch Sympathikomimetika; Pupillenerweiterung *f* durch Sympathomimetika
- f* dilatation *f* de la pupille par des sympathomimétiques
- p* dilatação *f* da pupila por simpaticomiméticos
- 5144 pure bacteriological culture**  
(Prod.)  
(Pharmaceutical technology; e.g. ref. to culture processes of one only species of germs for cultivation in nutrient.)
- d* Bakterienreinkultur *f*
- f* culture *f* bactériologique pure
- p* cultura *f* biológica pura
- 5145 purely synthetic analgesic**  
(Prod.)  
(Pharmaceutical technology; original source: morphine alkaloid; e.g. methadone hydrochloride (C<sub>21</sub>H<sub>27</sub>NO.HCl); analgesic, narcotic.)
- d* rein synthetisches Analgetikum *n*
- f* analgésique *m* purement synthétique
- p* analgésico *m* puramente sintético
- 5146 pure substance**  
(Prod.)  
(Pharmaceutical technology; e.g. pure vitamin substance.)
- d* Reinsubstanz *f*
- f* substance *f* pure
- p* substância *f* pura
- 5147 purgative; cathartic**  
(Prod.)  
(Medicinal drug for stimulation of bowel evacuation.)
- d* Purgativum *n*; starkes Abführmittel *n*
- f* purgatif *m*; cathartique *m*
- p* purgativo *m*; catártico *m*
- 5148 purification**  
(Prod.)  
(Pharmaceutical technology.)
- d* Reinigung *f*; Purifikation *f*
- f* purification *f*; épuración *f*
- p* purificação *f*
- 5149 purification of substances by ion-exchange**  
(Prod.)  
(Pharmaceutical technology.)
- d* Substanzpurifikation *f* durch Ionenaustausch
- f* purification *f* des substances par l'échange d'ions
- p* purificação *f* da substâncias por permuta de ions
- 5150 purified natural product**  
(Phyto.)  
(Natural product having undergone a chemical purification process; example of biotechnology.)
- d* gereinigtes Naturprodukt *n*
- f* produit *m* naturel purifié
- p* produto *m* natural purificado
- 5151 purified triglycerides of vegetable origin**  
(Phyto.)  
(E.g. excipients for suppositories.)
- d* gereinigte Triglyceride *npl* pflanzlichen Ursprungs
- f* triglycérides *mpl* purifiés d'origine végétale
- p* triglicerídeos *mpl* purificados de origem vegetal
- 5152 purified water for use in pharmacy**  
(Prod.)  
(Pharmaceutical technology: purifying process by ion elimination, also by electroosmosis.)
- d* gereinigtes Wasser *n* zum Einsatz in der Pharmazie
- f* eau *f* purifiée à usage pharmaceutique
- p* água *f* purificada para uso farmacêutico
- 5153 purifying steps**  
(Prod.)  
(Pharmaceutical technology/processes; see entry: purification.)
- d* Reinigungsstapfen *fpl*; Purifikationsschritte *mpl*
- f* étapes *fpl* d'épuration; pas *mpl* de la purification
- p* etapas *fpl* de purificação; passos *mpl* da purificação

- 5154 purine**  
(Cyt.)  
(C<sub>5</sub>H<sub>4</sub>N<sub>4</sub>; nitrogen-containing base, as adenine (C<sub>5</sub>H<sub>5</sub>N<sub>5</sub>) and guanine (C<sub>5</sub>H<sub>5</sub>N<sub>5</sub>O); part of DNA and RNA.)  
*d* Purin *n*  
*f* purine *f*  
*p* purina *f*
- 5155 purine base**  
(Enz.)  
(A base constituent of DNA etc.)  
*d* Purinbase *f*  
*f* base *f* purique  
*p* base *f* púrica
- 5156 purine desaminase**  
(Enz.)  
(Enzymes deaminating aminoderivatives of adenine and guanine; in cytogenetics.)  
*d* Purindesaminase *f*  
*f* désaminase *f* de la purine  
*p* desaminase *f* da purina
- 5157 purine oxidation**  
(Enz.)  
(Purine: C<sub>5</sub>H<sub>4</sub>N<sub>4</sub>. Nitrogen-containing base, as adenine and guanine; part of DNA and RNA.)  
*d* Purinoxidation *f*  
*f* oxydation *f* des purines  
*p* oxidação *f* das purinas
- 5158 purple foxglove; digitalis**  
(Phyto.)  
(Medicinal plant; Dried leaves of "Digitalis purpurea L."; active principle to be extracted; the medicamentous substance: digitoxin.)  
*d* roter Fingerhut *m*; Digitalis *f*  
*f* digitale *f* pourprée; gant *m* de Notre-Dame; doigt *m* de la Vierge  
*p* dedaleira *f*
- 5159 putrefactive bacteria**  
(Enz.)  
(Ref. to the anaerobic splitting of proteins by bacteria.)  
*d* Fäulnisbakterien *fpl*  
*f* bactéries *fpl* de putréfaction  
*p* bactérias *fpl* de putrefação
- 5160 PVP/VA copolymer**  
(Prod.)  
(Copolivudone: vinylpirrolidone/vinyl acetate; auxiliary in pharmaceutical processes/production (see special entry).)  
*d* PVP/VA-Copolymerisat *n*  
*f* PVP/VA-copolymère *m*  
*p* copolímero *m* de PVP/VA
- \* **pyloric sphincter** → **5161**
- 5161 pylorus; pyloric sphincter**  
(Anat.)  
(The food passes from the stomach through the pylorus into the duodenum.)  
*d* Pylorus *m*; Pfortner-Schließmuskel *m*  
*f* pylore *m*; sphincter *m* pylorique  
*p* pyloro *m*; esfínter *m* pilórico
- 5162 pyridine-3-carboxylic acid**  
(Vit.)  
(Vitamin biochemistry; another denomination for niacin, nicotinic acid, from which is derived the nicotinamide (C<sub>6</sub>H<sub>6</sub>N<sub>2</sub>O), which is also vitamin PP or vitamin B<sub>3</sub>.)  
*d* Pyridin-3-Carbonsäure *f*  
*f* acide *m* pyridine-carboxylique-3  
*p* ácido *m* piridina-3-carboxilica
- 5163 pyridine derivative having vitamin B<sub>6</sub> activity**  
(Vit.)  
(Pyridine derivatives: e.g. pyridoxal, pyridoxamine, pyridoxine and their 5'-phosphates.)  
*d* Pyridin-Derivate *npl* mit Vitamin B<sub>6</sub>-Wirkung  
*f* dérivés *mpl* de la pyridine avec action de la vitamine B<sub>6</sub>  
*p* derivados *mpl* da piridina com ação de vitamina B<sub>6</sub>
- \* **3-pyridinemethanol** → **4344**
- 5164 pyridoxal**  
(Vit.)  
(C<sub>8</sub>H<sub>9</sub>NO<sub>3</sub>; e.g. acts as a coenzyme, an aldehyde occurring as a phosphate; belongs to the vitamin B<sub>6</sub>-group.)  
*d* Pyridoxal *n*  
*f* pyridoxal *m*  
*p* piridoxal *m*
- 5165 pyridoxal phosphate; codecarboxylase**  
(Vit.)  
(C<sub>8</sub>H<sub>10</sub>NO<sub>6</sub>P; of the vitamin B<sub>6</sub> group; also: coenzyme.)  
*d* Pyridoxalphosphat *n*; Codecarboxylase *f*  
*f* phosphate *m* de pyridoxal; codecarboxylase *f*  
*p* fosfato *m* de piridoxal; codecarboxilase *f*
- 5166 pyridoxamine – vitamin B<sub>6</sub>**  
(Vit.)  
(C<sub>8</sub>H<sub>12</sub>N<sub>2</sub>O<sub>2</sub>; coenzyme; an amine of the vitamin B<sub>6</sub> group, occurring in form of a phosphate.)  
*d* Pyridoxamin *n* – Vitamin B<sub>6</sub>

- f* pyridoxamine *f* – vitamine B<sub>6</sub>  
*p* piridoxamina *f* -vitamina B<sub>6</sub>
- 5167 pyridoxine**  
 (Vit.)  
 (C<sub>8</sub>H<sub>11</sub>NO<sub>3</sub>; denomination of pyridine derivatives, showing vitamin B<sub>6</sub>-activity.)  
*d* Pyridoxin *n*  
*f* pyridoxine *f*  
*p* piridoxina *f*
- \* **pyridoxine** → 6773
- 5168 pyridoxine deficiency**  
 (Vit.)  
 (Hypovitaminosis; ref. to C<sub>8</sub>H<sub>11</sub>NO<sub>3</sub>-deficiency, causing e.g. skin diseases; denomination of pyridine derivatives, showing vitamin B<sub>6</sub>-activity.)  
*d* Pyridoxynmangel *m*  
*f* carence *f* en pyridoxine  
*p* carência *f* de piridoxina
- 5169 pyridoxine-dependent**  
 (Vit.)  
 (Vitamin physiology.)  
*d* pyridoxinabhängig; von Pyridoxin abhängig  
*f* pyridoxino-dépendant  
*p* piridoxina dependente
- 5170 pyridoxine-dependent enzymes**  
 (Vit.)  
 (Vitamin physiology; ref. to the vitamin B<sub>6</sub> group.)  
*d* pyridoxinabhängige Enzyme *npl*; von Pyridoxin abhängige Enzyme *npl*  
*f* enzymes *mpl* pyridoxino-dépendants  
*p* enzimas *fpl* piridoxina dependentes
- 5171 pyridoxine hydrochloride**  
 (Vit.)  
 (Vitamin B<sub>6</sub> derivative; adermine hydrochloride; C<sub>8</sub>H<sub>11</sub>NO<sub>3</sub>.HCL; e.g. used in radiation sickness.)  
*d* Pyridoxinhydrochlorid *n*  
*f* hydrochlorure *m* de pyridoxine  
*p* hidrocloreto *m* de piridoxina
- 5172 pyridoxine hydrochloride tablet**  
 (Vit.)  
 (Vitamin technology; a solid vitamin preparation of vitamin B<sub>6</sub> derivative: C<sub>8</sub>H<sub>11</sub>NO<sub>3</sub>.HCL.)  
*d* Pyridoxinhydrochlorid-Tablette *f*  
*f* comprimé *m* de hydrochlorure de pyridoxine  
*p* comprimido *m* de hidrocloreto de piridoxina
- 5173 pyridoxine hydrochloride used in vitamin preparations**  
 (Vit.)  
 (Vitamin technology, ref. the elaboration of pharmaceutical preparations.)  
*d* Pyridoxinhydrochlorid *n* verwendet in Vitaminpräparaten  
*f* hydrochlorure *m* de pyridoxine employé en de préparations vitaminiques  
*p* hidrocloreto *m* de piridoxina empregado em preparações vitamínicas
- 5174 pyrilamine**  
 (Prod.)  
 (C<sub>17</sub>H<sub>23</sub>N<sub>3</sub>O; mepyramine; medicamentous substance; antihistamine; see entry: antiallergic remedy.)  
*d* Pylilamin *n*  
*f* pyrilamine *f*  
*p* pirilamina *f*
- 5175 pyrimethamine**  
 (Prod.)  
 (C<sub>12</sub>H<sub>13</sub>ClN<sub>4</sub>; medicamentous substance; see entry: antimalarial drug; also: prophylaxis.)  
*d* Pyrimethamin *n*  
*f* pyriméthamine *f*  
*p* pirimetamina *f*
- 5176 pyrimidine base**  
 (Cyt.)  
 (Organic base, C<sub>4</sub>H<sub>2</sub>N<sub>2</sub>, also DNA/RNA constituents: cytosine (C<sub>4</sub>H<sub>5</sub>N<sub>3</sub>O), thymine (C<sub>5</sub>H<sub>6</sub>N<sub>2</sub>O<sub>2</sub>), uracil C<sub>4</sub>H<sub>4</sub>N<sub>2</sub>O<sub>2</sub>.)  
*d* Pyrimidinbase *f*  
*f* base *f* pyrimidique  
*p* base *f* pirimidica
- 5177 pyrogen-free adj**  
 (Prod.)  
 (Pharmaceutical technology; product characteristic; pyrogen; fever producing agent.)  
*d* pyrogenfrei  
*f* exempt de substances pyrogènes  
*p* isento de pirogênios
- 5178 pyruvate**  
 (Vit.)  
 (A salt or ester of pyruvic acid (pyruvic acid: C<sub>3</sub>H<sub>4</sub>O<sub>3</sub>.)  
*d* Pyruvat *n*  
*f* pyruvate *m*  
*p* piruvato *m*
- 5179 pyruvate-decarboxylase**  
 (Enz.)  
 (Ref. to vitamin B<sub>1</sub>-biochemistry.)  
*d* Pyruvat-Decarboxylase *f*

*f* pyruvate-décarboxylase *f*  
*p* decarboxilase *f* do piruvato

*f* chlorure *m* de pyrvinium  
*p* cloreto *m* de pirvinio

**5180 pyruvate-dehydrogenase**

(Vit.)  
 (Vitamin B<sub>1</sub> dehydrating enzyme: pyruvate-dehydrogenase; this enzyme removes hydrogen (H) from the substrate (oxidation process).)

*d* Pyruvat-Dehydrogenase *f*  
*f* pyruvate-déshydrogénase *f*; déhydrase *f* du pyruvate  
*p* deshidrogenase *f* do piruvato

**5181 pyruvate metabolism**

(Vit.)  
 (Vitamin (e.g. thiamine)-physiology.)

*d* Pyruvat-Stoffwechsel *m*  
*f* métabolisme *m* du pyruvate  
*p* metabolismo *m* do piruvato

**5182 pyruvate oxidation**

(Enz.)  
 (Ref. to metabolism intermediate activity of acetyl CoA; to carbohydrate metabolism: metabolism of fatty acids, sugar and proteins.)

*d* Pyruvat-Oxidation *f*  
*f* oxydation *f* du pyruvate  
*p* oxidação *f* do piruvato

**5183 pyruvic acid**

(Enz.)  
 (C<sub>3</sub>H<sub>4</sub>O<sub>3</sub>; 2-oxopropanoic acid; e.g. an active agent; derived from carbohydrates; acting in the Krebs(respiratory)-cycle, producing energy by oxidation, in the form of ATP (adenosine triphosphate: C<sub>10</sub>H<sub>16</sub>N<sub>5</sub>O<sub>13</sub>P<sub>3</sub>).)

*d* Brenztraubensäure *f*  
*f* acide *m* pyruvique  
*p* acido *m* pirúvico

**5184 pyruvic dehydrogenase**

(Enz.)  
 (Pyruvic acid: C<sub>3</sub>H<sub>4</sub>O<sub>3</sub>. Dehydrogenase: oxidoreductase; an enzyme catalysing oxidation-reduction reactions in the human body.)

*d* Brenztrauben-Dehydrogenase *f*;  
 Brenztraubendehydrase *f*  
*f* déshydrogénase *f* pyruvique; déhydrase *f* pyruvique  
*p* deshidrogenase *f* pirúvica

**5185 pyrvinium chloride**

(Prod.)  
 (C<sub>26</sub>H<sub>28</sub>ClN<sub>3</sub>; medicamentous substance; see entry: antihelminthic medicine.)

*d* Pyrviniumchlorid *n*

## Q

**5186 quadruple bond**

(Mol.)

(Ref. to atom bond type.)

*d* Vierfachbindung *f*; vierfache Bindung *f**f* liaison *f* quadruple*p* ligação *f* quadrupla\* **qualitative analysis** → 5187**5187 qualitative analytical method; qualitative analysis**

(Prod.)

(Pharmaceutical processes; analysis process.)

*d* qualitative Analysenmethode *f*; qualitative Analyse *f**f* méthode *f* d'analyse qualitative; analyse *f* qualitative*p* método *m* de análise qualitative; análise *f* qualitative**5188 qualitative comparison between substances**

(Prod.)

(Pharmaceutical processes; determination of product characteristic.)

*d* qualitativer Vergleich *m* zwischen Substanzen*f* comparaison *f* qualitative entre des substances*p* comparação *f* qualitativa entre substâncias**5189 qualitative reaction methods of product determination**

(Prod.)

(Pharmaceutical technology; ref. to a type of identification reaction-process.)

*d* qualitative Produkt-Nachweisreaktionsmethoden *fpl**f* méthodes *fpl* qualitatives de réaction pour la détermination de produits*p* métodos *mpl* qualitativos de reação para a determinação de produtos**5190 quality of a medicamentous substance being dirigible**

(Pharm.)

(Relation between the velocity of absorption and breakdown of an active principle in the organism.)

*d* Steuerbarkeit *f* eines Arzneistoffes*f* qualité *f* d'une substance médicamenteuse être dirigible*p* dirigibilidade *f* de uma substância medicamentosa**5191 quantitative determination in preparations**

(Prod.)

(Pharmaceutical technology; analysis processes.)

*d* quantitative Bestimmung *f* in Präparaten*f* détermination *f* quantitative em préparações*p* determinação *f* quantitativa em preparações**5192 quantitative determination of components in pharmaceutical preparations**

(Prod.)

(Pharmaceutical processes; e.g. in analytical processes for product determination.)

*d* quantitative Bestimmung *f* von Bestandteilen in pharmazeutischen Präparaten*f* détermination *f* quantitative des composants dans des préparations pharmaceutiques*p* determinação *f* quantitativa de componentes em preparações farmacêuticas**5193 quantitative determination of vitamins**

(Vit.)

(Vitamin technology; ref. to vitamin formulations.)

*d* quantitative Bestimmung *f* von Vitaminen*f* détermination *f* quantitative des vitamines*p* determinação *f* quantitativa das vitaminas**5194 quantitative evaluation**

(Prod.)

(Pharmaceutical technology; determination process of product characteristic.)

*d* quantitative Bewertung *f**f* évaluation *f* quantitative*p* avaliação *f* quantitativa**5195 quantitative exhaustion**

(Prod.)

(Pharmaceutical technology; e.g. ref. to the elaboration of tinctures: extraction processes.)

*d* quantitative Erschöpfung *f*; mengenmäßige Erschöpfung *f**f* épuisement *m* quantitatif*p* esgotamento *m* quantitativo**5196 quantitative methods of determination**

(Prod.)

(Pharmaceutical technology; analytical processes; determination method of substances.)

*d* quantitative Bestimmungsmethoden *fpl**f* méthodes *fpl* quantitatives de détermination*p* métodos *mpl* quantitativos de determinação

- 5197 quantitative molecular structure-activity relationship**  
(Mol.)  
(Ref. to molecule structure in research, for medicinal use.)  
*d* quantitatives molekulares Struktur-Aktivitätsverhältnis *n*; mengenmäßiges molekulares Struktur-Aktivitätsverhältnis *n*  
*f* relation *f* structure-activité quantitative moléculaire  
*p* relação *f* estrutura-atividade quantitativa molecular
- 5198 quantitative reaction methods of product determination**  
(Prod.)  
(Pharmaceutical technology; analysis process; determination method of substances; ref. to a type of identification reaction.)  
*d* quantitative Produkt-Nachweisreaktionen *fpl*  
*f* méthodes *fpl* quantitatives de réaction pour la détermination de produits  
*p* métodos *mpl* quantitativos de reação para a determinação de produtos
- 5199 quantitative thin-layer chromatography**  
(Prod.)  
(Pharmaceutical technology; ref. to analytical processes; determination method of substances.)  
*d* quantitative Dünnschichtchromatographie *f*  
*f* chromatographie *f* quantitative sur couche mince  
*p* cromatografia *f* quantitativa de camada fina
- 5200 quantity of neutralizing agent**  
(Prod.)  
(Pharmaceutical technology.)  
*d* Menge *f* des Neutralisierungsmittels  
*f* quantité *f* de neutralisant  
*p* quantidade *f* de neutralizante
- 5201 quantum jump**  
(Mol.)  
(Abrupt transition between energy states of an electron.)  
*d* Quantensprung *m*  
*f* saut *m* des quanta  
*p* salto *m* quântico
- 5202 quantum state**  
(Mol.)  
(Defined by the quantum numbers.)  
*d* Quantenzustand *m*  
*f* état *m* quantique  
*p* estado *m* quântico
- 5203 quaternary adj**  
(Enz.)  
(Enzymology; ref. to the quaternary structure of the protein, a non-covalent association of various polypeptidic chains, forming the stable oligomeric protein.)  
*d* quaternär  
*f* quaternaire  
*p* quaternário
- 5204 quaternary ammonium**  
(Prod.)  
(Cationic detergent-type active principle; e.g. antiseptic action on buccal pathogens.)  
*d* quaternäres Ammonium *n*  
*f* ammonium *m* quaternaire  
*p* amônio *m* quaternário
- 5205 quaternary ammonium compound**  
(Prod.)  
(Ammonium bases/salts obtained by substitution of hydrogen atoms with organic radicals; drugs with surface-active properties.)  
*d* quaternäre Ammoniumverbindung *f*  
*f* composé *m* quaternaire d'ammonium  
*p* composto *m* quaternário de amônio
- 5206 quaternary compounds**  
(Mol.)  
(Compounds where the central atom, e.g. carbon, is bound to four hydrocarbon groups.)  
*d* quartäre Verbindungen *fpl*  
*f* composés *mpl* quaternaires  
*p* composto *m* quaternário
- 5207 quaternary protein structure**  
(Enz.)  
(Specification of structural relationship of polypeptide chains of amino acids.)  
*d* quaternäre Proteinstruktur *f*; quartäre Proteinstruktur *f*  
*f* structure *f* quaternaire protéique  
*p* estrutura *f* quaternária protéica
- 5208 quaternary structure**  
(Enz.)  
(By joining of various tertiary peptide chains originating biologically active protein molecule.)  
*d* Quartärstruktur *f*  
*f* structure *f* quaternaire  
*p* estrutura *f* quaternária
- \* **quebrachine** → 7043
- 5209 quercetin**  
(Vit.)  
(C<sub>15</sub>H<sub>10</sub>O<sub>7</sub>; a bioflavonoid; a yellow crystalline pigment formerly: vitamin P.)



- d* Quercetin *n*
- f* quercétine *f*
- p* quercetina *f*; quercitina *f*

**5210 quinidine**

(Prod.)  
(C<sub>20</sub>H<sub>24</sub>N<sub>2</sub>O<sub>2</sub>; see entry: derivatives of quinoline; use: cardiac rhythm corrections.)

- d* Chinidin *n*
- f* quinidine *f*
- p* quinidina *f*

**5211 quinine**

(Prod.)  
(C<sub>20</sub>H<sub>24</sub>N<sub>2</sub>O<sub>2</sub>; see entry: derivatives of quinoline; use: antimalarial, antipyretic (fever reducing).)

- d* Chinin *n*
- f* quinine *f*
- p* quinina *f*

**5212 quinine dehydrochloride**

(Prod.)  
(C<sub>20</sub>H<sub>24</sub>N<sub>2</sub>O<sub>2</sub>·2HCl; medicamentous substance: antimalarial drug, see this entry.)

- d* Chinin-Dehydrochlorid *n*
- f* chlorure *m* de quinine
- p* cloreto *m* de quinina

**5213 quinoline yellow**

(Prod.)  
(Quinoline (C<sub>9</sub>H<sub>7</sub>N)-based dye (see government regulations on behalf). Auxiliary in pharmaceutical technology.)

- d* Quinoleingelb *n*
- f* jaune *m* de quinoléine
- p* amarelo *m* quinoleína

**5214 quinolinic acid**

(Med.)  
(C<sub>7</sub>H<sub>5</sub>NO<sub>4</sub>; pyridine-2,3-dicarboxylic acid; ref. to nicotinamide (vitamin B<sub>3</sub>)-metabolism.)

- d* Quinolinsäure *f*
- f* acide *m* quinoléique
- p* ácido *m* quinoléico; ácido *m* quinilínico

## R

- 5215 racemic** *adj*  
(Prod.)  
(Pharmaceutical chemistry; ref. to a mixture having the same amounts of dextrorotatory and levorotatory not optically active forms.)  
*d* razemisch  
*f* racémique  
*p* racêmico
- 5216 racemic compound**  
(Prod.)  
(Pharmaceutical chemistry; ref. to a compound/mixture etc having the same amounts of dextrorotatory and levorotatory not optically active forms.)  
*d* Razemat *n*  
*f* racémate *m*  
*p* composto *m* racêmico
- 5217 racemization**  
(Prod.)  
(Pharmaceutical chemistry; ref. to a racemic mixture forming chemical reaction.)  
*d* Razemisierung *f*  
*f* racémization *f*  
*p* racemização *f*
- 5218 radiant energy**  
(Prod.)  
(Pharmaceutical technology; formula: Q, Qe, W; energy emitted in form of radiation from a radiation source.)  
*d* Strahlungsenergie *f*; Strahlungsmenge *f*  
*f* énergie *f* de rayonnement  
*p* energia *f* de radiação
- 5219 radical polymerization**  
(Prod.)  
(Pharmaceutical technology; free-radical polymerization: a polymerization mechanism in the production of soluble polyvinylpyrrolidone.)  
*d* radikalische Polymerisation *f*  
*f* polymérisation *f* radicale  
*p* polimerização *f* radical
- 5220 radicals**  
(Mol.)  
(In pharmaceutical chemistry; group of atoms.)  
*d* Radikale *npl*
- f* radicaux *mpl*  
*p* radicais *mpl*
- \* **radioactive tracer** → 5224
- 5221 radiolysis; decomposition by the action of radiation**  
(Prod.)  
(Pharmaceutical processes; ref. to the application of ionizing radiation for obtaining chemical reactions.)  
*d* Radiolyse *f*; Zersetzung *f* durch radioaktive Strahlung  
*f* radiolyse *f*; décomposition *f* sous l'action de radiations ionisantes  
*p* radiólise *f*; decomposição *f* pela ação de radiações ionizantes
- 5222 radiolysis of vitamins**  
(Vit.)  
(Vitamin technology; ref. to the chemical decomposition of the vitamins under radiation in certain treatment processes.)  
*d* Radiolyse *f* von Vitaminen  
*f* radiolyse *f* des vitamines  
*p* radiólise *f* de vitaminas
- 5223 radiosterilization**  
(Prod.)  
(Pharmaceutical technology; sterilization process by short-wave radiation.)  
*d* Radiosterilisierung *f*; Radiosterilisation *f*  
*f* radiostérilisation *f*  
*p* radio-esterilização *f*
- 5224 radiotracer; radioactive tracer**  
(Prod.)  
(Pharmaceutical processes; e.g. a substance for tracing the pathway of a chemical/biological process.)  
*d* Radioindikator *m*  
*f* traceur *m* radioactif; indicateur *m* radioactif  
*p* traçador *m* radioativo; indicador *m* radioativo
- 5225 raise v a waterbath**  
(Prod.)  
(In pharmaceutical processes.)  
*d* ein Wasserbad aufwallen lassen  
*f* faire bouillonner un bain-marie  
*p* deixar efervescer um banho-maria
- 5226 range of action of a vitamin**  
(Vit.)  
(Vitamin physiology.)  
*d* Wirkungsbereich *m* eines Vitamins  
*f* domaine *m* d'action d'une vitamine  
*p* alcance *m* de ação de uma vitamina

- \* **range of activity of an antibiotic** → 5830
- 5227 rapid disintegration of a tablet**  
(Prod.)  
(Pharmaceutical technology; ref. to tableting processes.)  
*d* schnelle Desintegration *f* einer Tablette  
*f* désintégration *f* rapide d'un comprimé  
*p* desintegração *f* rápida de um comprimido
- 5228 rapid dissolution of the active substance**  
(Prod.)  
(Pharmaceutical technology; ref. to the bioavailability of the drug.)  
*d* schnelle Löslichkeit *f* der aktiven Substanz  
*f* dissolution *f* rapide de la substance active  
*p* dissolução *f* rápida da substância ativa
- 5229 rapid elimination**  
(Med.)  
(E.g. of active principles from the human organism.)  
*d* schnelle Ausscheidung *f*  
*f* élimination *f* rapide  
*p* eliminação *f* rápida
- 5230 rapid elimination of an antibiotic**  
(Ant.)  
(Antibiotical activity in the body.)  
*d* schnelle Ausscheidung *f* eines Antibiotikums  
*f* élimination *f* rapide d'un antibiotique  
*p* eliminação *f* rápida de um antibiótico
- 5231 rapid onset of the effect**  
(Pharm.)  
(Ref. to pharmacodynamic properties; to drug characteristics.)  
*d* schneller Wirkungseintritt *m*  
*f* commencement *m* rapide de l'effet; démarrage *m* rapide de l'effet  
*p* iniciação *f* rápida do efeito
- 5232 rapid-release dosage form**  
(Prod.)  
(Pharmaceutical technology; characteristic of a final pharmaceutical product form.)  
*d* Dosierungsform *f* der schnellen Freigabe  
*f* forme *f* de dosage à libération rapide  
*p* forma *f* de dosagem de liberação rápida
- \* **rare gas** → 3453
- 5233 rate of decomposition reaction**  
(Vit.)  
(Vitamin technology.)  
*d* Geschwindigkeit *f* der Dekompositions-Reaktion; Tempo *n* der Zerfallsreaktion  
*f* taux *m* de la réaction de décomposition;  
*p* vitesse *f* de la réaction de décomposition  
*p* taxa *f* da reação de decomposição;  
velocidade *f* da reação de decomposição
- 5234 ratio** (of .. to)  
(Prod.)  
(Pharmaceutical chemistry ref. to the indication of proportions of various substances, e.g. in a mixture.)  
*d* Verhältnis *n* (von.. zu)  
*f* proportion *f* (de .. à); rapport *m* (de..à)  
*p* proporção *f* (de..a)
- 5235 rational biotechnological exploitation**  
(Enz.)  
(Biotechnology in industrial exploitation.)  
*d* rationelle biotechnologische Ausnutzung *f*  
*f* exploitation *f* rationelle en biotechnologie  
*p* exploração *f* racional na biotecnologia
- 5236 rational formulation of tablets; adequate formulation of tablets**  
(Prod.)  
(Pharmaceutical technology; ref. to tablet formulation.)  
*d* rationelle Tablettenformulierung *f*;  
zweckmäßige Tablettenformulierung *f*  
*f* formulation *f* rationelle des comprimés;  
formulation *f* raisonnée des comprimés  
*p* formulação *f* racional de comprimidos;  
formulação *f* adequada de comprimidos
- 5237 rational formulations of vitamin tablets**  
(Vit.)  
(Vitamin technology.)  
*d* rationelle Vitamintablettenformulierungen *fpl*  
*f* formulations *fpl* raisonnées des comprimés vitaminiques  
*p* formulações *fpl* racionais de comprimidos contendo vitaminas
- 5238 raw material**  
(Prod.)  
(Pharmaceutical chemistry.)  
*d* Rohstoff *m*  
*f* matière *f* première  
*p* matéria *f* prima
- 5239 reabsorption in chemistry**  
(Prod.)  
(Chemical taking up (assimilation) of a secreted substance by the organism.)  
*d* Wiederabsorption *f* in der Chemie;  
Wiederabsorbierung *f* in der Chemie;  
Wiederabsorbieren *n* in der Chemie;  
Wiederaufnahme *f* in der Chemie  
*f* réabsorption *f* dans la chimie  
*p* reabsorção *f* na química

- 5240 reabsorption of sodium by the kidney**  
(Horm.)  
(E.g. related to aldosterone-activity, controlling blood volume.)  
*d* Natrium-Reabsorption *f* durch die Niere  
*f* réabsorption *f* de sodium par le rein  
*p* reabsorção *f* de sódio pelos rim
- 5241 reach *v* therapeutic levels in the tissues**  
(Pharm.)  
(Ref. to the active principles of the administered drugs.)  
*d* therapeutische Niveaus in den Geweben erreichen  
*f* atteindre des niveaux thérapeutiques dans des tissus  
*p* atingir níveis terapêuticos nos tecidos
- 5242 reaction**  
(Prod.)  
(Pharmaceutical chemistry; a chemical transformation.)  
*d* Reaktion *f*  
*f* réaction *f*  
*p* reação *f*
- 5243 reaction accelerator**  
(Enz.)  
(Ref. e.g. to enzyme activity.)  
*d* Reaktionsbeschleuniger *m*  
*f* accélérateur *m* de la réaction  
*p* acelerador *m* de reação
- 5244 reaction cycle**  
(Prod.)  
(Pharmaceutical processes; ref. to a period in which a sequence of reaction paths is completed.)  
*d* Reaktionszyklus *m*  
*f* cycle *m* de la réaction  
*p* ciclo *m* de reação
- 5245 reaction heat**  
(Prod.)  
(Pharmaceutical chemistry; ref. to biochemical processes and reactions.)  
*d* Reaktionswärme *f*  
*f* chaleur *f* de réaction  
*p* calor *m* de reação
- 5246 reaction in acid medium**  
(Enz.)  
(Biotechnology; a type of chemical transformation.)  
*d* Reaktion *f* in saurem Medium  
*f* réaction *f* en milieu acide  
*p* reação *f* em meio ácido
- 5247 reaction in basic medium**  
(Prod.)  
(Pharmaceutical chemistry; a type of chemical transformation.)  
*d* Reaktion *f* in basischem Medium  
*f* réaction *f* en milieu basique  
*p* reação *f* em meio básico
- 5248 reaction mechanism**  
(Prod.)  
(Pharmaceutical technology; ref. to substances in reaction processes.)  
*d* Reaktionsmechanismus *m*  
*f* mécanisme *m* de la réaction  
*p* mecanismo *m* de reação  
  
\* reaction of excessive sensitivity → 3314
- 5249 reaction process**  
(Vit.)  
(Vitamin physiology; vitamin action in cells.)  
*d* Reaktionsprozess *m*  
*f* processus *m* de réaction  
*p* processo *m* de reação
- 5250 reaction product**  
(Prod.)  
(Pharmaceutical technology; product type.)  
*d* Reaktionsprodukt *n*; Umsetzungsprodukt *n*  
*f* produit *m* de réaction  
*p* produto *m* de reação  
  
\* reaction rate → 5254
- 5251 reactions between active principles in tablets**  
(Prod.)  
(Pharmaceutical technology; ref. to the instability of the active principles due to interactions; requiring the formation of a barrier layer on the surface of the tablet cores.)  
*d* Reaktion *f* zwischen Wirkstoffen in Tabletten  
*f* réaction *f* entre des principes actifs dans des comprimés  
*p* reação *f* entre os princípios ativos em comprimidos
- 5252 reactions of cell life oriented by enzymes**  
(Enz.)  
(Biotechnology; e.g. enzymes involved in cell development.)  
*d* Reaktionen *fpl* des Zellenlebens durch Enzyme gesteuert  
*f* réactions *fpl* de la vie cellulaire orientées par des enzymes  
*p* reações *fpl* da vida celular orientadas pelas enzimas

- 5253 reaction surface of a pharmaceutical powder**  
(Prod.)  
(Pharmaceutical chemistry; ref. to conservation characteristics: the larger powder surface compared with the smaller one of a medicinal drug.)
- d* Reaktionsoberfläche *f* eines pharmazeutischen Pulvers  
*f* surface *f* de réaction d'une poudre pharmaceutique  
*p* superfície *f* de reação de um pó farmacêutico
- f* région *f* réactive d'une molécule  
*p* região *f* reativa de uma molécula
- 5259 reactivity of the proteins**  
(Enz.)  
(Enzymology; depending on certain properties of the amino acids.)
- d* Reaktivität *f* der Proteine  
*f* réactivité *f* des protéines  
*p* reatividade *f* das proteínas
- \* **reactivity to a medicament** → 5257
- 5260 reactivity to an allergen; reactivity to an allergen**  
(Pharm.)  
(Pharmacodynamics; ref. to an allergy provoking antibody.)
- d* Reaktionsfähigkeit *f* auf ein Allergen; Reaktionsvermögen *n* auf ein Allergen; Ansprechbarkeit *f* auf ein Allergen  
*f* réactivité *f* à un allergène  
*p* reatividade *f* a um alérgeno
- 5261 reactivity to a vaccine; reactivity to a vaccine**  
(Pharm.)  
(Pharmacodynamics; ref. to the reaction of the body on vaccination.)
- d* Reaktionsvermögen *n* auf einen Impfstoff  
*f* réactivité *f* à un vaccin  
*p* reatividade *f* a uma vacina
- 5262 readily degradable surfactants**  
(Prod.)  
(Pharmaceutical technology; according to the legal requirements: biodegradability higher than 80%.)
- d* gut abbaubare Tenside *npl*  
*f* tensioactifs *npl* possédants une bonne biodégradabilité  
*p* tensoativos *npl* de boa biodegradabilidade
- 5263 readily soluble adj**  
(Prod.)  
(Pharmaceutical chemistry; product characteristic.)
- d* leicht löslich  
*f* facilement soluble  
*p* facilmente solúvel
- 5264 readily soluble adj in boiling water**  
(Prod.)  
(Pharmaceutical processes; e.g. ref. to production processes.)
- d* leicht löslich in kochendem Wasser  
*f* facilement soluble dans l'eau bouillante  
*p* facilmente solúvel em água fervente
- 5254 reaction velocity; reaction rate**  
(Vit.)  
(Vitamin physiology; ref. to vitamin/enzyme action.)
- d* Reaktionsschnelligkeit *f*  
*f* vitesse *f* de la réaction  
*p* velocidade *f* da reação
- 5255 reaction with vitamins**  
(Vit.)  
(Vitamin technology; ref. to auxiliaries used together with vitamins in pharmaceutical vitamin production.)
- d* Reaktion *f* mit Vitaminen  
*f* réaction *f* avec des vitamines  
*p* reações *fpl* com vitaminas
- 5256 reactivation by vitamin activity**  
(Vit.)  
(Vitamin physiology; ref. to biochemical processes influenced by a vitamin.)
- d* Reaktivierung *f* durch Vitaminaktivität  
*f* réactivation *f* par de l'activité vitaminique  
*p* reativação *f* pela atividade de vitaminas
- 5257 reactivity to a drug; reactivity to a medicament**  
(Pharm.)  
(Pharmacodynamics; ref. to the reaction of the body on drug activity.)
- d* Reaktionsfähigkeit *f* auf ein Arzneimittel; Ansprechbarkeit *f* auf ein Medikament  
*f* réactivité *f* à un médicament  
*p* reatividade *f* a um medicamento
- \* **reactiveness to an allergen** → 5260
- \* **reactiveness to a vaccine** → 5261
- 5258 reactive region of a molecule**  
(Mol.)  
(Molecular region of highest electron density.)
- d* reaktive Region *f* eines Moleküls

- 5265 readily sprayable** *adj*  
(Prod.)  
(Pharmaceutical technology, characteristic of a solution.)  
*d* leicht sprühbar  
*f* très facile à atomiser  
*p* facilmente pulverizável
- 5266 readjust** *v*  
(Prod.)  
(Pharmaceutical processes; ref. to adjustment of process activities.)  
*d* nachstellen  
*f* réajuster  
*p* reajustar
- 5267 ready-to-use suspension**  
(Prod.)  
(Pharmaceutical technology; product form.)  
*d* verbrauchsfertige Suspension *f*  
*f* suspension *f* prête à l'emploi  
*p* suspensão *f* pronta para o consumo
- 5268 reagents**  
(Prod.)  
(Pharmaceutical technology; auxiliary.)  
*d* Reagenzien *fpl*  
*f* réactifs *mpl*  
*p* reagentes *mpl*
- 5269 reagent solution**  
(Prod.)  
(Pharmaceutical technology; ref. to analytical processes.)  
*d* Reagenzlösung *f*  
*f* solution *f* réactive  
*p* solução *f* reagente
- 5270 reaggregation**  
(Prod.)  
(Pharmaceutical technology; tablet production.)  
*d* Wiedergruppierung *f*  
*f* réagrégation *f*  
*p* reagregação *f*
- 5271 real gas**  
(Prod.)  
(Pharmaceutical technology; the real gas differs from the ideal gas by its condensibility (condensing ability).)  
*d* reales Gas *n*  
*f* gaz *m* réel  
*p* gás *m* real
- \* **reappearance of a disease** → 5287
- 5272 reasonably stable vitamin form; vitamin form stable until a certain degree**  
(Vit.)  
(Vitamin technology; ref. to product characteristic.)  
*d* einigermaßen stabiles Vitaminprodukt *n*; bis zu einem gewissen Grad stabiles Vitaminprodukt *n*  
*f* produit *m* vitaminique passablement stable; produit *m* vitaminique stable dans une certaine mesure  
*p* produto *m* vitamínico bastante estável; produto *m* vitamínico até um certo grau estável
- \* **reason for the interruptions of fermentation** → 1123
- 5273 receiving cell**  
(Cyt.)  
(Ref. to biochemical communication activity between the emitting cell and the receiving cell via synapses.)  
*d* Empfangszelle *f*; Empfängerzelle *f*  
*f* cellule *f* réceptrice  
*p* célula *f* receptora
- 5274 receptor**  
(Mol.)  
(Ref. to biochemical structures, molecules, proteins, e.g. on the cell surface, which has an affinity for other specific molecules; e.g. proteins which have the capability to bind to a specific hormone, enzyme etc.)  
*d* Rezeptor *m*  
*f* récepteur *m*  
*p* receptor *m*
- 5275 receptor blocking pharmaca**  
(Pharm.)  
(Alpha- and beta-receptor blockers; receptors are e.g. cell (protein) molecules with affinity for special chemicals or molecules.)  
*d* Rezeptorenblocker *mpl*  
*f* médicaments *mpl* bloquants des récepteurs  
*p* medicamentos *mpl* bloqueadores dos receptores
- 5276 receptor for endogenous messenger substances**  
(Anat.)  
(Sites in the cell structures where the activity of messenger substances (e.g. hormones) are active.)  
*d* Rezeptor *m* für körpereigene Botenstoffe  
*f* récepteur *m* à messenger endogène  
*p* receptor *m* para o mensageiro endógeno

- 5277 receptor-kinase**  
(Horm.)  
(Hormone biochemistry; ref. to types of hormone receptors which have itself an intracellular protein-kinase activity; see also entry: cytoplasmic protein-kinase.)  
*d* Rezeptor-Kinase *f*  
*f* récepteur-kinase *f*  
*p* receptor-quinase *f*
- 5278 receptor neuron[e]**  
(Anat.)  
(Impulse receiving, target-neuron[e].)  
*d* empfangenes Neuron *n*; Rezeptor-Neuron *n*  
*f* neurone *m* récepteur  
*p* neurônio *m* receptor
- 5279 receptor of odour**  
(Anat.)  
(Ref. e.g. to the perception of medicaments with not favourable organoleptic characteristics.)  
*d* Rezeptor *m* des Geruch[e]s  
*f* récepteur *m* d'odorat  
*p* receptor *m* de olfato
- 5280 receptor of taste**  
(Anat.)  
(Ref. e.g. to the perception of medicaments with not favourable organoleptic characteristics.)  
*d* Rezeptor *m* des Geschmack[e]s  
*f* récepteur *m* du goût  
*p* receptor *m* de gosto; receptor *m* de paladar
- 5281 receptor of the hormone lies on the surface of the cell**  
(Horm.)  
(Ref. to hormone activity.)  
*d* Hormon-Rezeptor *m* liegt auf der Zelloberfläche  
*f* récepteur *m* de l'hormone est situé à la surface cellulaire  
*p* receptor *m* do hormônio encontra-se na superfície da célula
- 5282 receptor site of the medicamentous molecule**  
(Mol.)  
(Ref. to research and development of active principles, of drugs; ref. to fixation probability/possibility of the molecule.)  
*d* Rezeptor-Sitz *m* des medikamentösen Moleküls  
*f* siège *m* récepteur de la molécule médicamenteuse  
*p* local-receptor *m* da molécula medicamentosa
- 5283 receptors of natural endorphins**  
(Phyto.)  
(Receptors of pain-mitigating characteristic which can interact with active principles (e.g. from passiflora), for the obtention of a calming effect.)  
*d* Rezeptoren *mpl* natürlicher Endorphine  
*f* récepteurs *mpl* des endorphines naturelles  
*p* receptores *mpl* das endorfinas naturais
- 5284 receptor translocation into the interior of the cell nucleus**  
(Horm.)  
(Hormone biochemistry; ref. to intracellular movement of the receptors.)  
*d* Rezeptoren-Translokation *f* in das Zellkern-Innere; Verlagerung *f* der Rezeptoren in das Zellkerninnere  
*f* translocation *f* des récepteurs vers l'intérieur du noyau cellulaire  
*p* translocação *f* dos receptores para o interior do núcleo celular
- 5285 recessive adj**  
(Cyt.)  
(Genetics; ref. to a gene, showing this characteristic when its allele (one alternative gene-form present in the chromosome) is the same.)  
*d* rezessiv; zurücktretend  
*f* récessif  
*p* recessivo
- 5286 recessive genetic factor**  
(Cyt.)  
(Cytogenetics; see also entry: dominant genetic factor.)  
*d* rezessiver Erbfaktor *m*; zurücktretender Erbfaktor *m*  
*f* facteur *m* génétique récessif  
*p* fator *m* genético recessivo
- 5287 recidivation; reappearance of a disease**  
(Med.)  
(Ref. to the reappearance of a disease after health had already been restored, e.g. due to a new infection by the same pathogens.)  
*d* Rezidiv *n*; Krankheitsrückfall *m*  
*f* récidence *f*; réapparition *f* d'une maladie  
*p* reincidência *f*; recaída *f*
- 5288 recidivation prophylaxis; prophylaxis against relapse**  
(Ant.)  
(In certain cases necessary in antibiotic treatments.)  
*d* Rückfallsprophylaxe *f*; Rezidivprophylaxe *f*; Rückfallsvorbeugung *f*

- f* prophylaxie *f* de la récurrence; prophylaxie *f* contre la récurrence  
*p* profilaxia *f* à recidividade; profilaxia *f* contra a reincidência
- 5289 reciprocal action**  
 (Prod.)  
 (Pharmaceutical processes; mutual action, e.g. of active principles.)  
*d* Wechselwirkung *f*; wechselseitige Wirkung *f*  
*f* action *f* réciproque  
*p* ação *f* recíproca
- \* **reciprocal action** → 3544
- \* **reciprocal action by contact between vitamins** → 3547
- 5290 reciprocal effect intensification; reciprocal intensification of effects**  
 (Pharm.)  
 (Pharmacodynamics; undesired effect occurring between certain medicaments and substances and between certain medicaments taken at the same time.)  
*d* wechselseitige Wirkungsverstärkung *f*  
*f* intensification *f* réciproque de l'effet  
*p* intensificação *f* recíproca do efeito
- 5291 reciprocal effect of antibiotic combinations**  
 (Ant.)  
 (Investigation of the synergic effect of bacterial associations; see this entry.)  
*d* wechselseitige Wirkung *f* antibiotischer Kombinationen  
*f* effet *m* réciproque des associations antibiotiques  
*p* efeito *m* recíproco de associações antibióticas
- \* **reciprocal intensification of effects** → 5290
- \* **reciprocal reaction** → 3582
- 5292 reciprocal transformation of carbohydrates into lipids**  
 (Vit.)  
 (Vitamin physiology; promoted by thiamine pyrophosphate, vitamin B<sub>1</sub>.)  
*d* gegenseitige Umwandlung *f* von Kohlenhydraten in Lipide  
*f* transformations *fpl* réciproques des glucides en lipides  
*p* transformações *fpl* recíprocas dos glucídios em lipídios
- 5293 recognition of the cell; cell recognition; cellular recognition**  
 (Pharm.)  
 (Pharmaceutical chemistry; ref. to: site-specific delivery system of the active principle; see this entry.)  
*d* Erkennung *f* der Zelle  
*f* reconnaissance *f* cellulaire; reconnaissance *f* de la cellule  
*p* reconhecimento *m* celular; reconhecimento *m* da célula
- 5294 recombine v a molecule**  
 (Mol.)  
 (Using bridges; e.g. see entry: pantothenic acid bridge.)  
*d* ein Molekül wiederverbinden  
*f* relier une molécule  
*p* religar uma molécula
- 5295 recommended overdoses for vitamin products**  
 (Vit.)  
 (Vitamin technology; ref. to excess dosages used in vitamin formulations to counteract concentration decline due to stability problems.)  
*d* empfohlene Überdosierungen *fpl* für Vitaminpräparate  
*f* dosages *mpl* en surplus recommandés pour préparations vitaminiques  
*p* dosagens *fpl* excedentes recomendadas para preparados vitamínicos
- 5296 recovered substance**  
 (Prod.)  
 (Pharmaceutical processes; ref. to analytical processes; reagents etc.)  
*d* wiedergewonnene Substanz *f*;  
 zurückgewonnene Substanz *f*  
*f* substance *f* récupérée  
*p* substância *f* recuperada
- 5297 recovery factor**  
 (Prod.)  
 (Pharmaceutical processes; ref. to analytical processes; reagents etc.)  
*d* Wiedergewinnungsfaktor *m*  
*f* facteur *m* de récupération  
*p* fator *m* de recuperação
- 5298 recrystallization**  
 (Prod.)  
 (Pharmaceutical chemistry/processes.)  
*d* Wiederkristallisation *f*;  
 Wiederkristallisierung *f*; Rekrystallisation *f*  
*f* recristallisation *f*  
*p* recristalização *f*



- 5299 recrystallization of the dissolved active principle**  
(Prod.)  
(Pharmaceutical technology; ref. to suspensions.)  
*d* Wiederkristallisation *f* des gelösten Wirkstoff[e]s  
*f* recristallisation *f* du principe actif dissous  
*p* recristalização *f* do princípio ativo dissolvido
- 5300 recrystallization temperature**  
(Prod.)  
(Pharmaceutical chemistry/processes.)  
*d* Wiederkristallisations-Temperatur *f*  
*f* température *f* de recristallisation  
*p* temperatura *f* de recristalização
- 5301 recrystallization with grain growth**  
(Prod.)  
(Pharmaceutical chemistry/processes.)  
*d* Wiederkristallisation *f* mit Korngrößenwachstum  
*f* recristallisation *f* sous croissance des grains; recristallisation *f* avec grossissement des grains  
*p* recristalização *f* com crescimento dos grânulos
- 5302 rectal administering; administration via rectum**  
(Med.)  
(Administration of medicaments through the rectum.)  
*d* rektale Verabreichung *f*; Zufuhr *f* durch den Mastdarm  
*f* administration *f* rectale; administration *f* par le rectum  
*p* administração *f* retal; administração *f* pelo reto
- 5303 rectal bioavailability**  
(Pharm.)  
(E.g. ref. to studies of pharmaceutical and chemical substances and their characteristics; rectal: ref. to the rectum, the terminal part of the large intestine.)  
*d* rektale Bioverfügbarkeit *f*  
*f* biodisponibilité *f* rectale  
*p* biodisponibilidade *f* retal
- 5304 rectal bioavailability of the active substance**  
(Prod.)  
(Pharmaceutical technology; product characteristic, e.g. suppositories.)  
*d* rektale Wirkstoffbiodisponibilität *f*; rektale Biodisponibilität *f* des Wirkstoffes  
*f* biodisponibilité *f* rectale du principe actif
- p* biodisponibilidade *f* retal da substância ativa
- 5305 rectal gelatin[e] capsule; gelatin[e] capsule for the treatment of the rectum**  
(Prod.)  
(Pharmaceutical technology: medicament (pharmaceutical form) for treatment of the rectum (terminal part of the large intestine).)  
*d* rektale Gelatinekapsel *f*; Gelatinekapsel *f* für Mastdarmbehandlung  
*f* capsule *f* rectale de gélatine; capsule *f* de gélatine pour le traitement du rectum  
*p* cápsula *f* retal de gelatina; cápsula *f* de gelatina para o tratamento do reto
- 5306 rectal mucosa; mucous membrane of the rectum**  
(Anat.)  
(Treatment with suppositories.)  
*d* Schleimhaut *f* des Mastdarms  
*f* muqueuse *f* rectale  
*p* mucosa *f* retal; mucosa *f* do reto
- 5307 rectal resorption**  
(Pharm.)  
(Ref. to the action pathway of suppositories.)  
*d* rektale Resorption *f*; Aufnahme *f* durch den Mastdarm  
*f* résorption *f* rectale  
*p* resorção *f* retal
- 5308 rectification of essences with the volatile active principles**  
(Phyto.)  
(Essential oil, vaporizable at low temperature; volatile active principles of plant origin; purification process of prime material.)  
*d* Rektifikation *f* von Essenzen mit den flüchtigen Wirkstoffen  
*f* rectification *f* des essences avec des principes actifs volatils  
*p* retificação *f* de essências com os princípios ativos voláteis
- 5309 rectified alcohol**  
(Homoeop.)  
(Hom[o]eopathic prime material; purification process by fractional or repeated distillation.)  
*d* rektifizierter Alkohol *m*  
*f* alcool *m* rectifié; alcool *m* purifié  
*p* alcool *m* retificado
- 5310 rectum**  
(Anat.)  
(Final part of the large intestine.)  
*d* Mastdarm *m*  
*f* rectum *m*  
*p* reto *m*

- 5311 recuperation of energy based on alcohol**  
(Enz.)  
(Biotechnology; ref. e.g. to fuel for automobiles: gasoline with addition of alcohol (used e.g. in Brasil), which derives from cane sugar; biogas production.)  
*d* Wiedergewinnung *f* der auf Alkohol basierenden Energie  
*f* récupération *f* d'énergie basée sur l'alcool  
*p* recuperação *f* de energia baseada no álcool
- 5312 recuperation of stored energy**  
(Vit.)  
(Vitamin physiology; ref. to vitamin activity.)  
*d* Wiedergewinnung *f* aufgesparter Energie  
*f* récupération *f* de l'énergie stockée  
*p* recuperação *f* de energia armazenado
- 5313 recycling**  
(Prod.)  
(Pharmaceutical processes; continuous recovery and reintroduction into the production cycle of prime material not exhausted during the original production process.)  
*d* Recycling *n*; Wiederverarbeitung *f*; Aufbereitung *f* und Wiederverwendung *f*  
*f* recyclage *m*  
*p* reciclagem *f*
- 5314 recycling route**  
(Prod.)  
(Pharmaceutical chemistry; a selected chemical course for having a substance passed through a series of treatments; a way to recover: bringing a substance back to the original condition.)  
*d* Rezyklierungs-Weg *m*  
*f* voie *f* de recyclage  
*p* caminho *m* de reciclagem  
  
\* **red blood cell** → 5315
- 5315 red blood corpuscle; red blood cell**  
(Anat.)  
(Erythrocyte.)  
*d* rotes Blutkörperchen *n*  
*f* globule *m* rouge du sang  
*p* glóbulo *m* vermelho do sangue
- 5316 red clover; meadow clover**  
(Phyto.)  
(Trifolium; dried extract of "Trifolium pratense L., Leguminosae", inflorescence and leaves; source of isoflavones, used in phytotherapeutic hormone substitution therapy; see entry: isoflavones.)  
*d* roter Klee *m*  
*f* trèfle *m* rouge; trèfle *m* des prés  
*p* trevo *m* vermelho
- 5317 redisperse v a sedimentation**  
(Prod.)  
(Pharmaceutical chemistry.)  
*d* eine Sedimentation wiederdispergieren  
*f* redisperser une sédimentation  
*p* redispersar uma sedimentação
- 5318 redispersibility**  
(Prod.)  
(Pharmaceutical chemistry; product characteristic.)  
*d* Wiederdispergierbarkeit *f*  
*f* redispersibilité *f*  
*p* redispersibilidade *f*
- 5319 redissolve v**  
(Prod.)  
(Pharmaceutical technology; e.g. redissolve a dried substance within a solvent.)  
*d* wiederauflösen  
*f* redissoudre  
*p* redissolver
- 5320 redissolve v crystals**  
(Vit.)  
(Vitamin technology; ref. to certain vitamin crystals when being processed.)  
*d* Kristalle wiederauflösen  
*f* redissoudre cristaux  
*p* redissolver cristais
- 5321 redox-decomposition**  
(Vit.)  
(Vitamin-enzyme biochemistry.)  
*d* Redox-Abbau *m*  
*f* dégradation *f* oxydo-réductrice  
*p* degradação *f* de óxido-redução
- 5322 redox enzyme**  
(Enz.)  
(Enzymology.)  
*d* Redoxenzym *n*; Oxidations-Reduktions-Enzym *n*  
*f* enzyme *m* oxyréductif  
*p* enzima *f* de óxido-redução; enzima *f* redox
- 5323 redox-protein**  
(Vit.)  
(Ref. to vitamin/enzyme biochemistry.)  
*d* Redox-Protein *n*  
*f* protéine *f* d'oxydo-réduction  
*p* proteína *f* de óxido-redução

- 5324 reduce v capillary permeability**  
(Pharm.)  
(Characteristic e.g. of some pomades, for haemorrhoidal treatment.)  
*d* Kapillarpermeabilität verringern;  
Kapillardurchlässigkeit verringern  
*f* réduire la perméabilité capillaire  
*p* reduzir a permeabilidade capilar
- \* **reduced fat-solubility** → 3870
- 5325 reduced velocity of resorption, prerequisite for drugs with prolonged activity**  
(Prod.)  
(Pharmaceutical technology; ref. to chemical drug constitution.)  
*d* verminderte Resorptionsgeschwindigkeit *f*, Voraussetzung *f* bei Langzeitarzneimitteln  
*f* vitesse *f* de la résorption réduite, condition requise en cas de médicament à action prolongée  
*p* velocidade *f* de resorção reduzida, condição prévia no caso de medicamento de ação prolongada
- 5326 reduced viscosity**  
(Prod.)  
(Pharmaceutical chemistry; product property.)  
*d* reduzierte Viskosität *f*  
*f* viscosité *f* réduite  
*p* viscosidade *f* reduzida
- 5327 reduce v the disintegration time of a tablet by addition of a disintegrant**  
(Prod.)  
(Pharmaceutical technology; ref. to tableting processes using auxiliaries.)  
*d* die Disintegrationszeit einer Tablette durch Zugabe eines Sprengmittels verringern; den Zerfall einer Tablette durch Zugabe eines Sprengmittels verringern  
*f* réduire le temps de désintégration d'un comprimé par l'addition d'un désagrégant  
*p* reduzir o tempo de desintegração de um comprimido pela adição de um desintegrante
- \* **reduce v the venostasis** → 5328
- 5328 reduce v the venous stasis; reduce v the venostasis**  
(Pharm.)  
(Ref. to a vasculature protecting active principle; vascular protector.)  
*d* die venöse Stauung verringern  
*f* réduire la stase veineuse  
*p* reduzir a estase venosa
- 5329 reduce v vitamin activity**  
(Vit.)  
(Vitamin technology; action of vitamin antagonists.)  
*d* Vitaminaktivität einschränken  
*f* réduire l'activité vitaminique  
*p* reduzir a atividade da vitamina
- 5330 reducing agent**  
(Vit.)  
(E.g. ref. to vitamin biochemistry.)  
*d* Reduktor *m*  
*f* réducteur *m*  
*p* redutor *m*
- 5331 reducing enzyme**  
(Enz.)  
(Enzymology.)  
*d* reduktives Enzym *n*  
*f* enzyme *m* réductif  
*p* enzima *f* redutiva
- 5332 reducing properties of ascorbic acid; reducing properties of vitamin C**  
(Vit.)  
(Vitamin physiology; ref. to the metal-ion metabolism, dietetic metal-ion absorption.)  
*d* reduzierende Eigenschaften *fpl* der Ascorbinsäure; reduzierende Eigenschaften *fpl* der Vitamin C  
*f* propriétés *fpl* réductrices de l'acide ascorbique; propriétés *fpl* de réduction de l'acide ascorbique  
*p* propriedades *fpl* redutoras do ácido ascórbico; propriedades *fpl* redutoras da vitamimna C
- \* **reducing properties of vitamin C** → 5332
- 5333 reduction in bioavailability**  
(Prod.)  
(Pharmaceutical technology.)  
*d* Reduktion *f* der Bioverfügbarkeit; Verringerung *f* der Biodisponibilität  
*f* réduction *f* de la biodisponibilité  
*p* redução *f* da biodisponibilidade
- 5334 reduction in protein gain; protein deficiency**  
(Vit.)  
(Symptom of vitamin B<sub>12</sub>-deficiency.)  
*d* Verringerung *f* des Eiweißansatzes; Proteinmangel *m*  
*f* diminution *f* du gain protéique; carence *f* en protéines; carence *f* protéique  
*p* diminuição *f* do ganho de proteínas; deficiência *f* de proteínas; carência *f* de proteínas

- 5335 reduction in the local toxicity of a medicamentous substance**  
(Prod.)  
(Pharmaceutical technology; e.g. ref. to a medicamentous substance of topical application; reduction obtained by the introduction of certain auxiliaries into the formula.)
- d* Reduktion *f* der örtlichen Toxizität einer medikamentösen Substanz; Verringerung *f* der örtlichen Toxizität einer medikamentösen Substanz
- f* réduction *f* de la toxicité locale d'une substance médicamenteuse
- p* redução *f* de toxicidade local de uma substância medicamentosa
- 5336 reduction in toxicity**  
(Prod.)  
(Pharmaceutical technology; ref. to characteristics of drugs, e.g. by means of complexation processes with certain auxiliaries.)
- d* Reduktion *f* der Toxizität; Verringerung *f* Giftigkeit
- f* réduction *f* de la toxicité
- p* redução *f* na toxicidade
- 5337 reduction of cardiac frequency and contractility**  
(Pharm.)  
(Ref. to the activity and effect of beta blocker drugs.)
- d* Verminderung *f* der kardialen Frequenz und Kontraktilität
- f* réduction *f* de la fréquence et contractilité cardiaques
- p* redução *f* da frequência e da contratilidade cardíacas
- 5338 reduction of sedimentation rate**  
(Prod.)  
(Pharmaceutical chemistry/processes.)
- d* Verminderung *f* der Sedimentationsrate; Verringerung *f* der Geschwindigkeit des Absetzens
- f* réduction *f* de la vitesse de sédimentation
- p* redução *f* do tempo de sedimentação
- 5339 reduction of the aqueous humour production**  
(Pharm.)  
(E.g. by application of beta blockers contained in eye drops.)
- d* Verminderung *f* der Kammerwasserproduktion
- f* réduction *f* de la production de l'humeur aqueuse
- p* redução *f* da produção do humor aquoso
- 5340 reduction of the complexity of a compound**  
(Prod.)  
(Pharmaceutical chemistry; e.g. see entry: chemical degradation.)
- d* Reduktion *f* der Komplexität einer Verbindung
- f* réduction *f* de la complexité d'un composé
- p* redução *f* da complexidade de um composto
- \* **reduction of the hormonal level** → 1747
- 5341 reduction of the intraocular pressure**  
(Pharm.)  
(Glaucoma treatment with medicaments.)
- d* Senkung *f* des intraokulären Drucks
- f* réduction *f* de la pression intra-oculaire
- p* redução *f* da pressão intra-ocular
- 5342 reduction of the irritation effect of the active principles by polyvinylpyrrolidone**  
(Prod.)  
(Pharmaceutical technology; example of application of PVP as an auxiliary.)
- d* Verminderung *f* der Irritationswirkung von Wirkstoffen durch Polyvinylpyrrolidon; Verminderung *f* der Reizwirkung von Wirkstoffen durch Polyvinylpyrrolidon
- f* réduction *f* de l'effet d'irritation de principes actifs par la polyvinylpyrrolidone
- p* redução *f* do efeito de irritação de princípios ativos pela polivinilpirrolidona
- 5343 reduction potential of vitamins**  
(Vit.)  
(Vitamin technology; characteristic of certain vitamins, causing interactions: an important production problem.)
- d* Reduktionspotential *n* von Vitaminen
- f* potentiel *m* de réduction de vitamines
- p* potencial *m* de redução de vitaminas
- 5344 reduction processes**  
(Vit.)  
(E.g. of certain vitamins causing interactions: an important production problem.)
- d* Reduktionsprozesse *mpl*
- f* processus *mpl* réducteurs
- p* processos *mpl* redutores
- 5345 reductive desamination**  
(Enz.)  
(Desamination: ref. to amino acid metabolism: removal of an amino group (-NH<sub>2</sub>) from an amino acid.)
- d* reduktive Desaminierung *f*

- f* désamination *f* réductive  
*p* desaminação *f* reductiva
- 5346 reextraction**  
 (Phyto.)  
 (E.g. process in phytotherapy.)  
*d* Reextraktion *f*; Wiederauszug *m*; erneuter Auszug *m*  
*f* reextraction *f*  
*p* reextração *f*
- 5347 refractive index**  
 (Prod.)  
 (Pharmaceutical chemistry; index of refraction.)  
*d* Refraktionszahl *f*; Brechzahl *f*  
*f* indice *m* de réfraction  
*p* índice *m* de refração
- 5348 refractory bond**  
 (Prod.)  
 (Pharmaceutical chemistry: chemical binding types.)  
*d* unempfindliche Verbindung *f*; unbeeinflussbare Verbindung *f*  
*f* liaison *f* réfractaire  
*p* ligação *f* refratária
- 5349 regenerability of an enzyme; ability of regeneration of an enzyme**  
 (Enz.)  
 (Enzymology; enzyme characteristic.)  
*d* Regenerationsfähigkeit *f* eines Enzyms; Erneuerungsfähigkeit *f* eines Enzyms  
*f* régénérabilité *f* d'un enzyme  
*p* regenerabilidade *f* de uma enzima
- 5350 regeneration of the coenzyme; renewal of the coenzyme; restoration of the coenzyme**  
 (Enz.)  
 (The coenzyme is subject to reversible modifications during certain reactions.)  
*d* Regeneration *f* des Coenzymes; Rückgewinnung *f* des Coenzymes  
*f* régénération *f* de la coenzyme; reconstitution *f* de la coenzyme; réactivation *f* de la coenzyme  
*p* regeneração *f* da coenzima; reconstituição *f* da coenzima; reativação *f* da coenzima
- 5351 regression of a focus of disease**  
 (Pharm.)  
 (Pharmacodynamics; due to medicamentous treatments.)  
*d* Rückbildung *f* eines Krankheitsherdes  
*f* régression *f* d'un foyer de maladie  
*p* regressão *f* de um foco de moléstia
- 5352 regular aspect of a tablet**  
 (Prod.)  
 (Pharmaceutical technology: ref. to tableting; coating processes.)  
*d* gleichmäßiger Aspekt *m* einer Tablette; gleichmäßiges Aussehen *n* einer Tablette  
*f* aspect *m* régulier d'un comprimé  
*p* aspecto *m* regular de um comprimido
- 5353 regular coating; uniform coating**  
 (Prod.)  
 (Pharmaceutical technology: coating type characteristic.)  
*d* gleichmäßiger Filmüberzug *m*; gleichförmiger Filmüberzug *m*  
*f* revêtement *m* régulier; revêtement *m* uniforme  
*p* revestimento *m* uniforme
- 5354 regular diffusion of the medicament**  
 (Prod.)  
 (Pharmaceutical technology; ref. to tablet production method, e.g. to excipients/auxiliaries having a regular diffusion of the medicament for retard/progressive liberation form systems.)  
*d* gleichmäßige Diffusion *f* des Medikaments  
*f* diffusion *f* régulière du médicament  
*p* difusão *f* regular do medicamento
- 5355 regulating principle of the energetic glucose utilization**  
 (Vit.)  
 (Vitamin physiology; ref. to the function of vitamin B<sub>1</sub> (thiamin).)  
*d* regulierendes Prinzip *n* der energiebezüglichen Glykoseausnutzung  
*f* principe *m* régulateur de l'utilisation énergétique du glucose  
*p* princípio *m* regulador da utilização energética da glucose
- 5356 regulation of gene activity**  
 (Cyt.)  
 (Ref. to protein synthesis.)  
*d* Aktivitätsregulierung *f* der Gene  
*f* régulation *f* de l'activité de genes  
*p* regulação *f* da atividade dos genes
- \* **regulation of hormonal plasma concentrate**  
 → 5359
- 5357 regulation of the functional mechanism**  
 (Vit.)  
 (Ref. to the supposed influence of certain vitamins, as those of the water-soluble B-group on metabolic activities.)  
*d* Mechanismus *m* der funktionellen Steuerung; Mechanismus *m* der funktionellen Regelung

- f* mécanisme *m* de régulation fonctionnelle  
*p* regulação *f* de mecanismo funcional
- 5358 regulation of the intraocular pressure**  
 (Pharm.)  
 (Ref. to glaucoma treatment with drugs, e.g. with carbonic anhydrase inhibitors.)  
*d* Regulierung *f* des Augeninnendruckes  
*f* régulation *f* de la pression intra-oculaire  
*p* regulação *f* da pressão intra-ocular
- 5359 regulation of the plasmatic concentration of the hormone; regulation of hormonal plasma concentration**  
 (Horm.)  
 (Hormone biochemistry; ref. to hormone activity within the cells.)  
*d* Regulierung *f* der Plasmakonzentration des Hormons  
*f* régulation *f* de la concentration plasmatique de l'hormone  
*p* regulação *f* da concentração plasmática do hormônio
- 5360 regulation of the steroid metabolism by liposoluble vitamins**  
 (Vit.)  
 (Vitamin activity in physiology.)  
*d* Regulierung *f* des Steroidstoffwechsels durch fettlösliche Vitamine; Steuerung *f* des Steroidstoffwechsels durch fettlösliche Vitamine  
*f* régulation *f* du métabolisme stéroïdien par les vitamines liposolubles  
*p* regulação *f* do metabolismo dos esteróides pelas vitaminas lipossolúveis
- 5361 regulation protein**  
 (Enz.)  
 (Enzymology; hormones, as e.g. insulin.)  
*d* Steuerungsprotein *n*  
*f* protéine *f* de régulation  
*p* proteína *f* de regulação
- 5362 regulators**  
 (Vit.)  
 (Vitamin physiology; e.g. ref. to vitamin action.)  
*d* Regulatoren *mpl*  
*f* régulateurs *mpl*  
*p* reguladores *mpl*
- 5363 reinforcement of vitamin supply in food**  
 (Vit.)  
 (Vitamin technology in food industry.)  
*d* Verstärkung *f* der Vitaminzufuhr in den Nahrungsmitteln  
*f* renforcement *m* des apports vitaminiques dans
- les aliments  
*p* reforço *m* do aporte vitamínico nos alimentos
- 5364 reinforce v vitamin activity**  
 (Vit.)  
 (Vitamin therapy in medicine by application of synthetic vitamins.)  
*d* Vitaminwirkung verstärken  
*f* renforcer l'activité vitaminique  
*p* reforçar a atividade vitamínica
- 5365 relation between tablet compression force and tablet disintegration time**  
 (Prod.)  
 (Pharmaceutical technology; tableting characteristics.)  
*d* Verhältnis *n* zwischen Tabletten-Kompressions-Druck und Tabletten-Desintegration  
*f* rapport *m* entre la force de compression sur les comprimés et leur temps de désintégration  
*p* relação *f* da força de compressão dos comprimidos e do tempo de desintegração dos mesmos
- 5366 relative deviation**  
 (Prod.)  
 (Pharmaceutical technology; ref. difference from standards e.g. in analysis.)  
*d* relative Abweichung *f*  
*f* déviation *f* relative  
*p* desvio *m* relativo
- 5367 relative humidity**  
 (Prod.)  
 (Pharmaceutical technology; ratio of vapour quantity actually present in the air, to the greatest amount possible at the same temperature.)  
*d* relative Feuchtigkeit *f*  
*f* humidité *f* relative  
*p* umidade *f* relativa
- 5368 relative potency of corticosteroids depends on its liberation from the vehicle**  
 (Pharm.)  
 (E. g. corticosteroids in suspensions, ointments etc.)  
*d* relative Potenz *f* der Kortikosteroide hängt von ihrer Freisetzung aus dem Trägerstoff ab  
*f* puissance *f* relative des corticostéroïdes dépend de leur libération du véhicule  
*p* potência *f* relativa dos corticosteróides depende de sua liberação do veículo

- 5369 relative potency of corticosteroids depends on the molecular structure of the vehicle**  
(Pharm.)  
(E.g. corticosteroids in suspensions, ointments etc.)
- d* relative Potenz *f* der Kortikosteroide hängt von der molekularen Struktur der Trägersubstanz ab
- f* puissance *f* relative des corticostéroïdes dépend de la structure moléculaire du véhicule
- p* potência *f* relativa dos corticosteróides depende da estrutura molecular do veículo
- 5370 relative standard deviation**  
(Prod.)  
(Pharmaceutical technology; ref. difference from standards e.g. in analysis.)
- d* relative Standardabweichung *f*
- f* relative deviation *f* standard; relatif écart *m* standard
- p* desvio *m* relativo padrão
- 5371 relative viscosity**  
(Prod.)  
(Pharmaceutical chemistry; product characteristic.)
- d* relative Viskosität *f*
- f* viscosité *f* relative
- p* viscosidade *f* relativa
- 5372 relaxin**  
(Horm.)  
(Cervix deleting placenta hormone of the final phase of pregnancy.)
- d* Relaxin *n*
- f* relaxine *f*
- p* relaxina *f*
- 5373 release control of the active substance**  
(Prod.)  
(Pharmaceutical technology; tablet production, tablet characteristic.)
- d* Freigabekontrolle *f* des Wirkstoffes
- f* commande *f* de la libération du principe actif
- p* controle *m* da liberação do princípio ativo
- 5374 released active particles of a medicamentous substance**  
(Prod.)  
(Pharmaceutical technology; e.g. ref. to medicamentous substance particles in excipients, vehicles, gelatin capsules, dragées etc.)
- d* freigegebene Wirkstoffteilchen *npl* einer medikamentösen Substanz; abgegebene Wirkstoffteilchen *npl* einer medikamentösen Substanz
- f* particules *fpl* actives libérées d'une substance médicamenteuse
- p* partículas *fpl* ativas liberadas de uma substância ativa
- 5375 released energy**  
(Mol.)  
(Ref. to electrons.)
- d* abgegebene Energie *f*
- f* énergie *f* cédée
- p* energia *f* cedida
- 5376 released fraction of the active principle**  
(Prod.)  
(Pharmaceutical technology; ref. to tablet composition; ref. to the way that the active substance may be released slowly and during a longer period.)
- d* freigesetzter Bruchteil *m* des Wirkstoffes; freigesetzte Arzneistoff-Fraktion *f*
- f* fraction *f* libérée du principe actif
- p* fração *f* liberada do princípio ativo
- 5377 released proton**  
(Enz.)  
(E.g. ref. to cell respiration.)
- d* freigesetzte Protonen *n*
- f* protons *mpl* libérés
- p* protons *mpl* liberados
- 5378 release-improvement of the active substance**  
(Prod.)  
(Pharmaceutical technology; in tablets: improvement of the disintegration effect of special auxiliaries added to the tablets, e.g. PVP types.)
- d* Freigabeverbesserung *f* der Wirksubstanz
- f* amélioration *f* de la libération du principe actif
- p* melhoramento *m* da liberação da substância ativa
- \* release of drugs through predictable swelling → 3778
- 5379 release of the active agent**  
(Prod.)  
(Pharmaceutical technology: important drug characteristic.)
- d* Freigabe *f* des Wirkstoffes; Wirkstoff-Freigabe *f*
- f* libération *f* du principe actif
- p* liberação *f* do agente ativo; liberação *f* da substância ativa

- 5380 release period**  
(Prod.)  
(Pharmaceutical technology: release period of the active agent in the tablet.)  
*d* Freigabedauer *f*  
*f* période *f* de la libération; durée *f* de la libération  
*p* período *m* de liberação
- 5381 release v slowly the glucose of the carbohydrates**  
(Pharm.)  
(Ref. to the action of medicaments (active principles) within the organism, e.g. drug for diabetes treatment.)  
*d* Glycose der Kohlenhydrate langsam freisetzen  
*f* liberer lentement le glucose des hydrates de carbone  
*p* liberar a glicose dos carboidratos lentamente
- 5382 releasing factors**  
(Horm.)  
(See entry: releasing hormone.)  
*d* Freisetzerfaktoren *mpl*  
*f* facteurs *mpl* de libération  
*p* fatores *mpl* de liberação
- 5383 releasing hormones**  
(Horm.)  
(GnRH (Gonadotropin [h]in Releasing Hormone), produced in the diencephalon (also called: betweenbrain) and controls the liberation of the luteinizing hormone LH); e.g. see entry: "gonadotrophin releasing hormone", GnRH.)  
*d* Freisetzerhormone *npl*  
*f* hormones *fpl* de libération  
*p* hormônios *mpl* de liberação
- 5384 remedies attenuate the symptoms**  
(Pharm.)  
(Ref. to the activity of active principles on diseases and the organism.)  
*d* Heilmittel *npl* schwächen die Symptome ab  
*f* remèdes *mpl* atténuent les symptômes  
*p* remédios *mpl* atenuem os sintomas
- 5385 remedy**  
(Prod.)  
(Pharmaceutical technology: a medicine.)  
*d* Heilmittel *n*; Mittel *n*  
*f* remède *m*  
*p* remédio *m*
- 5386 remedy: a medicamentous substance**
- (Prod.)  
(In this case especially: a medicine, a drug.)  
*d* Heilmittel *n*: eine medikamentöse Substanz  
*f* remède *m*: une substance médicamenteuse  
*p* remédio: uma substância medicamentosa
- \* **remedy antitussive** → 1619
- 5387 remedy has been effective; remedy has made its effect**  
(Pharm.)  
(Ref. to the reaction between a drug and the organism.)  
*d* Arznei *f* hat gewirkt; Arznei *f* hat ihre Wirkung getan  
*f* remède *m* a fait effet; remède *m* a fait son effet  
*p* remédio *m* fez efeito; remédio *m* fez seu efeito
- \* **remedy has made its effect** → 5387
- \* **remedy psoriatic** → 5130
- 5388 remission of symptoms of diseases**  
(Med.)  
(Ref. to temporary disappearance of symptoms.)  
*d* zeitweiliger Rückgang *m* von Krankheitssymptomen; Remission *f* von Krankheitssymptomen  
*f* rémission *f* des symptômes des maladies  
*p* remissão *f* dos sintomas das doenças
- 5389 remission of the fever at dawn**  
(Med.)  
(Ref. to temporary disappearance of fever.)  
*d* morgendlicher zeitweiliger Rückgang *m* des Fibers; morgendliche zeitweilige Remission *f* des Fibers  
*f* rémission *f* matinale de la fièvre  
*p* remissão *f* matinal da febre
- 5390 remove v insoluble components**  
(Prod.)  
(Pharmaceutical technology.)  
*d* unlösliche Bestandteile entfernen  
*f* éliminer de composants insolubles  
*p* eliminar componentes insolúveis
- 5391 renal calyx**  
(Anat.)  
(Division type of the kidney.)  
*d* Nierenkelch *m*  
*f* calice *m* du rein  
*p* cálice *m* renal



**5392 renal decompensation**

(Med.)

(Ref. to functional insufficiencies; as the kidney is the blood filtering organ, in case of drug administration, this must be taken into consideration, ref. to the specific drug, an eventual risk factor for the health of the patient.)

- d* Nierendekompensation *f*  
*f* décompensation *f* rénale  
*p* decompensação *f* renal

**5393 renal elimination of medicamentous molecules**

(Med.)

(Ref. to drug excretion into the urine through the kidneys; renal clearance.)

- d* Nierenausscheidung *f* medikamentöser Moleküle  
*f* élimination *f* rénale des molécules médicamenteuses  
*p* eliminação *f* renal das moléculas medicamentosas

**5394 renal excretion**

(Med.)

(Ref. to trace element-activity within the body.)

- d* Ausscheidung *f* durch die Niere  
*f* excretion *f* rénale  
*p* excreção *f* renal

**5395 renal glomerulus (glomeruli *pl*)**

(Anat.)

(Filtering part of the kidney; e.g. see entry: filtration by renal glomeruli.)

- d* Nierenkörperchen *n* (Glomeruli *npl*)  
*f* glomérule *m* rénal  
*p* glomérulo *m* renal

**5396 renal insufficiency during drug treatment**

(Pharm.)

(As the kidney is the blood filtering organ, in case of drug administration, this must be taken into consideration, ref. to the specific drug, an eventual risk factor for the health of the patient.)

- d* Niereninsuffizienz *f* während der Behandlung mit Arzneimitteln; Funktionsschwäche *f* der Niere während der Behandlung mit Arzneimitteln  
*f* insuffisance *f* rénale lors du traitement avec des médicaments  
*p* isuficiência *f* renal durante o tratamento com medicamentos

**5397 renal intoxication by drugs**

(Pharm.)

(As the kidney is the blood filtering organ, in case of drug administration, this possibility must be taken into consideration, ref. to the specific drug, an eventual risk factor to avoid intoxications.)

- d* Nierenvergiftung *f* durch Arzneimittel  
*f* intoxication *f* rénale par des médicaments  
*p* intoxicação *f* renal pelos medicamentos

**\* renal maximum concentration threshold → 5401****5398 renal pelvis**

(Anat.)

(Superior part of the ureter which receives the urine from the renal calyx.)

- d* Nierenbecken *n*  
*f* bassinot *m*  
*p* bacinete *m*; pelve *f* renal

**5399 renal potassium losses – stomachic-intestinal potassium losses**

(Pharm.)

(Due to certain medicaments, e.g. saluretics (see this entry).)

- d* nierenbedingte Kaliumverluste *mpl* – Kaliumverluste *mpl* des Magen-Darmkanals  
*f* pertes *fppl* potassiques rénales – pertes *fppl* potassiques gastro-intestinales  
*p* perdas *fppl* potássicas renais – perdas *fppl* potássicas gastrintestinais

**5400 renal reaction – renal function**

(Pharm.)

(As the kidney is the blood filtering organ, in case of drug administration, this reaction/function must be taken into consideration, ref. to the specific drug, an eventual risk factor for the health of the patient.)

- d* Nierenreaktion *f* – Nierenfunktion *f*  
*f* réaction *f* rénale – fonction *f* rénale  
*p* reação *f* renal – função *f* renal

**5401 renal threshold; renal maximum concentration threshold**

(Pharm.)

(Ref. to blood concentration of the active principles, before excretion.)

- d* Nierenschwelle *f*; Schwelle *f* des Nierenkonzentrationsmaximums  
*f* seuil *m* rénal; seuil *m* de la concentration maximum rénal  
*p* limiar *m* renal; limiar *m* da concentração renal máxima

- 5402 renal tubules**  
(Anat.)  
(Kidney anatomy.)  
*d* Nierentubuli *mpl*; Nierenkanälchen *npl*  
*f* tubes *mpl* urinaires  
*p* túbulos *mpl* renais  
  
\* **renewal of the coenzyme** → 5350
- 5403 renin**  
(Enz.)  
(Proteolytic kidney enzyme; promoting formation of angiotensin.)  
*d* Renin *n*  
*f* rénine *f*  
*p* renina *f*
- 5404 renin-angiotensin-aldosterone system**  
(Horm.)  
(System ref. to the kidney; related to reabsorption of sodium and water, thus controlling the blood volume (e.g. due to aldosterone-activity).)  
*d* Renin-Angiotensin-Aldosteron-System *n*  
*f* système *m* rénine-angiotensine-aldostérone  
*p* sistema *m* renina-angiotensina-aldosterona
- 5405 rennin**  
(Enz.)  
(Milk coagulating enzyme – diastase.)  
*d* Rennin *n*; Labferment *n*; Chymosin *n*  
*f* labferment *m*  
*p* renina *f*; quimosina *f*
- 5406 reoxidation**  
(Vit.)  
(Vitamin technology; ref. to oxidation process type, e.g. in vitamins.)  
*d* Reoxidation *f*; Wiederoxidieren *n*  
*f* réoxidation *f*  
*p* reoxidação *f*
- 5407 repeated administrations of a drug**  
(Med.)  
(Ref. to medicament administration type.)  
*d* wiederholte Verabreichungen *fpl* eines Arzneimittels  
*f* administrations *fpl* répétées d'une drogue  
*p* administrações *fpl* repetidas de uma droga
- 5408 repetitive structure of the protein**  
(Enz.)  
(Enzymology; ref. to the secondary structure of the protein and certain amino acid interactions.)  
*d* wiederholte Struktur *f* des Proteins  
*f* structure *f* répétitive de la protéine  
*p* estrutura *f* repetitiva da proteína
- \* **replacement of a technical part** → 2469
- 5409 replication of DNA**  
(Cyt.)  
(DNA duplication process during cell division.)  
*d* Replikation *f* der DNS  
*f* réplication *f* de l'ADN  
*p* replicação *f* do DNA
- 5410 reprocessing**  
(Prod.)  
(Pharmaceutical technology; ref. to chemical material, substances etc.)  
*d* Wiederverarbeitung *f*  
*f* retraitement *m*  
*p* reprocessamento *m*
- \* **repulsive chemotaxis** → 4296
- 5411 required density of the product**  
(Prod.)  
(Pharmaceutical chemistry; ref. to product characteristic.)  
*d* erforderliche Densität *f* des Produktes  
*f* densité *f* requise du produit  
*p* densidade *f* requerida do produto
- 5412 reserpine**  
(Phyto.)  
(*"Rauwolfia serpentina* L., Apocynaceae"; C<sub>33</sub>H<sub>40</sub>N<sub>2</sub>O<sub>9</sub>. Use: hypotensive, sedative, tranquilizer.)  
*d* Reserpin *n*  
*f* réserpine *f*  
*p* reserpina *f*
- 5413 residual monomer content**  
(Prod.)  
(Pharmaceutical technology.)  
*d* Rest *m* an Monomeren  
*f* teneur *f* résiduelle en monomères  
*p* teor *m* residual de monómeros
- 5414 residue**  
(Prod.)  
(Pharmaceutical processes/production: in tableting processes etc.)  
*d* Rückstand *m*  
*f* résidu *m*  
*p* resíduo *m*
- \* **resistance against pathogens** → 3362
- 5415 resistance test of the tablet**  
(Prod.)  
(Pharmaceutical processes after tableting: control procedures; ref. to tablet hardness, etc.)

- d* Widerstandsprobe *f* der Tablette  
*f* épreuve *f* de résistance du comprimé  
*p* prova *f* de resistência do comprimido
- 5416 resistant *adj* to digestive juice; resistant *adj* to gastric juice**  
 (Med.)  
 (Ref. to certain substances in pharmaceutical auxiliary preparations, e.g. tablet film-coatings.)  
*d* beständig gegen Verdauungssaft; widerstandsfähig gegen Magensaft; resistent gegen Verdauungssaft  
*f* résistant au suc digestif; résistant au suc gastrique  
*p* resistente ao suco digestivo; resistente ao suco gástrico
- \* **resistant *adj* to gastric juice → 5416**
- 5417 resolution as subsidence of a pathological process**  
 (Med.)  
 (Progressive regression, without suppuration, of an inflammation, abscess etc.)  
*d* Resolution *f* als Rückbildung eines pathologischen Prozesses  
*f* résolution *f* comme régression progressive d'un processus pathologique  
*p* resolução *f* como regressão progressiva de um processo patológico
- 5418 resorption**  
 (Pharm.)  
 (Reabsorption of medicinal drugs in the human body, e.g. ref. to implanted preparations.)  
*d* Resorption *f*; Aufnahme *f*  
*f* résorption *f*  
*p* resorção *f*
- 5419 resorption of table salt**  
 (Pharm.)  
 (Ref. to the activity of diuretics in the organism: medicamentous compensation with table salt NaCl.)  
*d* Kochsalzresorption *f*  
*f* résorption *f* du sel de cuisine  
*p* resorção *f* do sal de cozinha
- 5420 resorption of the active principle through the mucous membrane of the gastrointestinal tract**  
 (Pharm.)  
 (This mucosa constitutes one of the ways of drug resorption.)  
*d* Aufnahme *f* des Wirkstoffes durch die Schleimhaut des Magen-Darmkanals  
*f* résorption *f* du principe actif pour la muqueuse du tube digestif  
*p* resorção *f* do princípio ativo pela mucosa do tubo digestivo
- 5421 resorption of the active principle through the surface of the skin by diffusion**  
 (Pharm.)  
 (Ref. to one of the ways of drug resorption.)  
*d* Resorption *f* des Wirkstoffes durch die Hautoberfläche mittels Diffusion  
*f* résorption *f* du principe actif par diffusion au travers de la surface de la peau  
*p* resorção *f* do princípio ativo pela superfície da pele por difusão
- 5422 resorption of the drug depends on the local permeability possibilities**  
 (Pharm.)  
 (Ref. to the characteristics of one of the ways of drug resorption.)  
*d* Arzneimittelaufnahme *f* hängt von den örtlichen Durchlässigkeitsmöglichkeiten ab  
*f* résorption *f* du médicament dépend des possibilités de perméabilité locale  
*p* resorção *f* do medicamento depende das possibilidades locais de permeabilidade
- 5423 resorption of the fixed particles of medicamentous aerosols**  
 (Pharm.)  
 (Reabsorption in the bronchopulmonary tract.)  
*d* Resorption *f* der fixierten Teilchen medikamentöser Aerosole; Aufnahme *f* der fixierten Teilchen medikamentöser Aerosole  
*f* résorption *f* des particules fixées des aérosols médicamenteux  
*p* resorção *f* das partículas fixadas dos aerossóis medicamentosos
- 5424 resorption quota of an active principle; resorption share of an active principle**  
 (Pharm.)  
 (Ref. to the reaction of an active substance and the organism; e.g. its pathway.)  
*d* Resorptionsquote *f* eines Wirkstoffes; Resorptionswert *m* eines Wirkstoffes  
*f* cote *f* de résorption du principe actif; indice *m* de résorption du principe actif  
*p* cota *f* de resorção do princípio ativo; índice *m* de resorção do princípio ativo
- \* **resorption share of an active principle → 5424**
- \* **respiration ferment → 4548**

- 5425 respiratory capacity**  
(Med.)  
(Red blood corpuscle respiration, inhibited by riboflavin-vitamin B<sub>2</sub>-deficiency.)  
*d* Atmungskapazität *f*  
*f* capacité *f* respiratoire  
*p* capacidade *f* respiratória
- 5426 respiratory cell metabolism**  
(Vit.)  
(Vitamin activity in physiology; supposedly positively influenced by the water-soluble vitamin group.)  
*d* Atmungsstoffwechsel *m* der Zellen  
*f* métabolisme *m* respiratoire des cellules  
*p* metabolismo *m* respiratório das células
- 5427 respiratory chain**  
(Vit.)  
(Vitamin/enzyme biochemistry.)  
*d* Atmungskette *f*  
*f* chaîne *f* respiratoire  
*p* cadeia *f* respiratória
- \* **respiratory chain of the cell** → 1149
- 5428 respiratory enzyme**  
(Enz.)  
(Flavin; an enzyme.)  
*d* Atmungsenzym *n*  
*f* enzyme *m* respiratoire  
*p* enzima *f* respiratória
- 5429 respiratory pigments**  
(Enz.)  
(Ref. to coloured conjugated proteins (e.g. hemoglobin) functioning in the oxygen transfer process in cellular respiration.)  
*d* Atmungspigmente *npl*; Atmung fördernde Pigmente *npl*  
*f* pigments *mpl* respiratoires  
*p* pigmentos *mpl* respiratórios
- 5430 respiratory redox chain**  
(Enz.)  
(Ref. to biochemical activity.)  
*d* Redox-Atmungskette *f*  
*f* chaîne *f* redox respiratoire  
*p* cadeia *f* respiratória redox
- 5431 respiratory system; respiratory tract**  
(Anat.)  
(Ref. to the organs associated with breathing.)  
*d* Atmungsorgane *npl*; Atmungswege *mpl*  
*f* appareil *m* respiratoire; voies *fpl* respiratoires  
*p* trato *m* respiratório; sistema *m* respiratório
- \* **respiratory tract** → 5431
- 5432 respiratory vitamins**  
(Vit.)  
(Vitamin physiology; ref. to the vitamin B-group and tissue respiration; oxygen transfer.)  
*d* Atmungsvitamine *npl*; Atmung fördernde Vitamine *npl*  
*f* vitamines *fpl* respiratoires  
*p* vitaminas *fpl* respiratórias
- 5433 response-reaction to the hormones from the target cell**  
(Horm.)  
(Ref. to hormone activity in the body.)  
*d* Antwortreaktion *f* auf die Hormone durch die Zielzellen; Responsereaktion *f* auf die Hormone durch die Zielzellen  
*f* réaction-réponse *f* aux hormones par les cellules-cibles  
*p* reação-resposta *f* aos hormônios pelas células-alvo
- 5434 response to the hormonal influence**  
(Horm.)  
(Depending on the respective target cells and refers to other hormone-secretions, biochemical synthesis reactions etc.)  
*d* Antwort *f* auf die hormonelle Beeinflussung; Response *f* auf die hormonale Einflussnahme  
*f* réponse *f* à l'influence hormonale  
*p* resposta *f* à influência hormonal
- \* **restoration of the biochemical balance** → 5435
- 5435 restoration of the biochemical equilibrium; restoration of the biochemical balance**  
(Vit.)  
(Vitamin physiology; related to vitamin intake, vitamin therapy etc.)  
*d* Wiederherstellung *f* des biochemischen Gleichgewichtes  
*f* rétablissement *m* de l'équilibre biochimique  
*p* restauração *f* do equilíbrio bioquímico; restabelecimento *m* do equilíbrio bioquímico
- \* **restoration of the coenzyme** → 5350
- 5436 result of a chemical experiment**  
(Prod.)  
(Pharmaceutical chemistry.)  
*d* Ergebnis *n* eines chemischen Versuches; Resultat *n* eines chemischen Versuches  
*f* résultat *m* d'une expérience chimique  
*p* resultado *m* de uma experiência química

- 5437 results of medicinal drug essay**  
(Prod.)  
(Pharmaceutical technology; process in research and production.)  
*d* Resultate *npl* der Arzneimittelprüfung;  
Resultate *npl* der Arzneimitteluntersuchung  
*f* résultats *mpl* des essais des médicaments;  
résultats *mpl* des essais pharmacologiques  
*p* resultados *mpl* dos testes farmacológicos;  
resultados *mpl* dos exames farmacológicos
- 5438 resuspension by shaking**  
(Prod.)  
(Pharmaceutical technology; ref. to suspensions.)  
*d* Suspensions-Wiederbildung *f* durch Schütteln  
*f* remise *f* en suspension par de l'agitation  
*p* resuspensão *f* por agitação
- 5439 retained dose**  
(Med.)  
(Medicine intake in therapeutics.)  
*d* zurückbehaltene Dosis *f*  
*f* dose *f* retenue  
*p* dose *f* retida
- 5440 retained in the filtering screen**  
(Prod.)  
(Pharmaceutical processes; ref. to "screening process by particle retention", see this entry.)  
*d* zurückbehalten im Filtergewebe; im Filternetz zurückgehalten  
*f* retenu par des réseaux filtrants  
*p* retido pelo tamis filtrante
- 5441 retain  $\nu$  the amorphous form**  
(Prod.)  
(Pharmaceutical technology; product characteristic.)  
*d* amorphe Form einbehalten  
*f* maintenir la forme amorphe  
*p* manter a forma amorfa
- 5442 retardation of boiling; delay in boiling**  
(Prod.)  
(Pharmaceutical processes; in the case of overheating (see this entry).)  
*d* Siedeverzug *m*  
*f* retard *m* à l'ébullition  
*p* retardação *f* da ebulição
- 5443 retardation of sugar crystallization**  
(Prod.)  
(Pharmaceutical technology; ref. to auxiliary products (e.g. PVP) favouring this effect in sugar coatings for obtaining a more homogenous aspect.)  
*d* Verzögerung *f* der Zuckerkristallisation  
*f* retard *m* de la cristallisation du sucre  
*p* retardação *f* na cristalização do açúcar;  
retardamento *m* na cristalização do açúcar
- 5444 retardation of the bioavailability**  
(Prod.)  
(Pharmaceutical technology; e.g. vitamins in pharmaceutical preparations.)  
*d* Verzögerung *f* der Bioverfügbarkeit  
*f* retard *m* de la biodisponibilité  
*p* retardação *f* na biodisponibilidade;  
retardamento *m* na biodisponibilidade
- 5445 retardation of the vitamin bioavailability**  
(Vit.)  
(Vitamins in pharmaceutical preparations.)  
*d* Verzögerung *f* der Vitamin-Bioverfügbarkeit  
*f* retard *m* de la biodisponibilité des vitamines  
*p* retardação *f* na biodisponibilidade das vitaminas;  
retardamento *m* na biodisponibilidade das vitaminas
- 5446 retard excipient of a tablet**  
(Prod.)  
(Pharmaceutical technology; tablet production method, ref. to excipients/auxiliaries for retard form systems.)  
*d* Trägersubstanz *f* verzögerter Freigabe einer Tablette  
*f* excipient *m* retard d'un comprimé  
*p* excipiente *m* de retarde de um comprimido
- 5447 retard in the digestion of carbohydrates**  
(Pharm.)  
(Ref. to the action of medicaments (active principles) within the organism, e.g. drug for diabetes treatment based on the retardation of intestinal carbohydrate absorption.)  
*d* Verzögerung *f* der Verdauung der Kohlenhydrate  
*f* retardement *m* de la digestion des hydrates de carbone  
*p* retardo *m* na digestão dos carboidratos
- 5448 retard of intestinal absorption of glucose**  
(Pharm.)  
(Ref. to the action of certain antidiabetics in the organism.)  
*d* Verzögerung *f* der Darmaufnahme der Glykose  
*f* retardement *m* de l'absorption intestinale du glucose  
*p* retardo *m* na absorção intestinal da glicose
- 5449 retard  $\nu$  pain development**  
(Pharm.)  
(Pharmacodynamic action of analgesics, e.g. administered before surgery for postoperative effect.)

- d* Schmerzentwicklung verzögern  
*f* retarder le développement de la douleur  
*p* retardar o desenvolvimento da dor
- 5450 retard procedure**  
 (Prod.)  
 (Pharmaceutical technology; delayed active principle release procedure of certain pharmaceutical forms.)  
*d* Verfahrensweise *f* der verzögerten Freigabe  
*f* procédé *m* retard  
*p* procedimento *m* de retarde
- 5451 reticulation of the lateral peptidoglycan chains**  
 (Ant.)  
 (Catalized by the enzyme peptidoglycan-transpeptidase (see also this entry) and inhibited by penicillins.)  
*d* Vernetzung *f* der Peptideoglycan-Seitenketten; Verknüpfung *f* der Peptideoglycan-Seitenketten  
*f* réticulation *f* des chaînes latérales du peptidoglycane  
*p* reticulação *f* das cadeias laterais do peptidoglicano
- 5452 retina**  
 (Anat.)  
 (Ref. to eye structure; light-sensitive eye-layer.)  
*d* Netzhaut *f*  
*f* rétine *f*  
*p* retina *f*
- 5453 retinoid**  
 (Vit.)  
 (Vitamin biochemistry; ref. to a natural/synthetic analogue of vitamin A.)  
*d* Retinoid *n*  
*f* rétinóide *m*  
*p* retinoide *m*
- 5454 retinoids are analogous substances of vitamin A**  
 (Vit.)  
 (Vitamin biochemistry.)  
*d* Retinoide *npl* sind analoge Substanzen des Vitamins A  
*f* rétinóides *mpl* sont des substances analogues à la vitamine A  
*p* retinoides *mpl* são substâncias análogas à vitamina A
- \* **retinol** → 6687
- 5455 retinol acetate**  
 (Vit.)  
 (Vitamin biochemistry; (C<sub>22</sub>H<sub>32</sub>O<sub>2</sub>); also: vitamin A<sub>1</sub>.)  
*d* Retinolacetat *n*  
*f* acétate *m* de rétinol  
*p* acetato *m* de retinol
- 5456 retinol as base molecule of vitamin A derivatives**  
 (Vit.)  
 (Vitamin biochemistry; retinol: C<sub>20</sub>H<sub>30</sub>O; vitamin A<sub>1</sub>.)  
*d* Retinol *n* als Basismolekül von Vitamin A-Derivaten  
*f* rétinol *m* comme molécule de base des dérivés de la vitamine A  
*p* retinol *m* como molécula-base dos derivados da vitamina A
- 5457 retinol as carotene derivative**  
 (Vit.)  
 (Vitamin biochemistry; ref. to vitamin A)  
*d* Retinol A als Carotin-Derivat  
*f* rétinol *m* comme dérivé du carotène  
*p* retinol *m* como derivado do caroteno
- 5458 retinol binding protein**  
 (Vit.)  
 (Vitamin physiology; ref. to a specific protein acting as a vitamin A-carrier to a specific receptor.)  
*d* Retinol *n* bindendes Protein  
*f* protéine *f* liante du rétinol  
*p* proteína *f* ligante do retinol
- \* **retinol deficiency** → 6709
- 5459 retinol palmitate essential in retinal function**  
 (Vit.)  
 (Vitamin physiology; Vitamin A.)  
*d* Retinolpalmitat *n* wesentlich für die Netzhautfunktion  
*f* palmitate *m* de rétinol essentielle dans la fonction rétinienne  
*p* palmitato *m* de retinol essencial na função retiniana
- 5460 retinol palmitate in the growth of the epithelium**  
 (Vit.)  
 (Vitamin physiology; Vitamin A ref. to the tissue covering the outer body surface.)  
*d* Retinolpalmitat *n* im Wachstum des Epitheliums  
*f* palmitate *m* de rétinol dans la croissance du épithélium  
*p* palmitato *m* de retinol no crescimento do epitélio

- 5461 retinol palmitate is vitamin A**  
(Vit.)  
(Vitamin biochemistry;  $C_{36}H_{60}O_2$ ), also: vitamin A<sub>1</sub>.)  
*d* Retinolpalmitat *n* ist Vitamin A  
*f* palmitate *m* de rétinol est vitamine A  
*p* palmitato *m* de retinol é vitamina A
- 5462 retinol palmitate participates as cofactor in different biochemical reactions**  
(Vit.)  
(Vitamin biochemistry; vitamin A ( $C_{36}H_{60}O_2$ ))  
*d* Retinolpalmitat *n* nimmt als Kofaktor an verschiedenen biochemischen Reaktionen teil  
*f* palmitate *m* de rétinol participe comme adjoint aux diverses réactions biochimiques  
*p* palmitato *m* de retinol participa como co-fator de diversas reações bioquímicas
- 5463 retinol palmitate participates in the synthesis of mucopolysaccharides**  
(Vit.)  
(Vitamin biochemistry;  $C_{36}H_{60}O_2$ ); also: vitamin A<sub>1</sub>.)  
*d* Retinolpalmitat *n* nimmt an der Synthese der Mucopolysaccharide teil  
*f* palmitate *m* de rétinol participe à la synthèse des mucopolysaccharides  
*p* palmitato *m* de retinol participa na síntese dos mucopolissacarídeos
- 5464 retinyl acetate**  
(Vit.)  
(Vitamin technology;  $C_{22}H_{32}O_2$ ; all-trans-retinol acetate; vitamin A derivative.)  
*d* Retinylacetat *n*  
*f* acétate *m* de rétinyle  
*p* acetato *m* de retinila
- 5465 retinyl acetate dry powder**  
(Vit.)  
(Vitamin A derivative.)  
*d* Retinylacetat-Trockenpulver *n*  
*f* acétate *m* de rétinyle en poudre sèche  
*p* pó *m* seco de acetato de retinila
- 5466 retinyl palmitate**  
(Vit.)  
( $C_{36}H_{60}O_2$ ; vitamin A palmitate.)  
*d* Retinylpalmitat *n*  
*f* rétinylpalmitate *m*  
*p* palmitato *m* de retinila
- 5467 retinyl phosphate**  
(Vit.)  
(Vitamin biochemistry; vitamin A phosphate; vitamin A derivative.)  
*d* Retinylphosphat *n*  
*f* rétinylphosphate *m*; phosphate *m* de rétinyle  
*p* retinilfosfato *m*; fosfato *m* de retinila
- 5468 retinyl propionate**  
(Vit.)  
(Vitamin technology; a vitamin A form; see: vitamin A propionate.)  
*d* Retinylpropionat *n*  
*f* rétinylpropionate *m*  
*p* propionato *n* retinila
- 5469 retinyl propionate miscible with oils**  
(Vit.)  
(Vitamin technology; product characteristic e.g. of vitamin A)  
*d* Retinylpropionat *n* mischbar mit Ölen  
*f* rétinylpropionate *m* miscible avec des huiles  
*p* propionato *m* de retila misturável com óleos; propionato *m* de retila miscível com óleos
- 5470 reversed phase chromatography**  
(Prod.)  
(Pharmaceutical technology; analytical method; separation process.)  
*d* Chromatographie *f* invertierter Phase; Chromatographie *f* umgekehrter Phase  
*f* chromatographie *f* à phase inverse  
*p* cromatografia *f* de fase invertida
- 5471 reverse osmosis; hyperfiltration**  
(Enz.)  
(Biotechnology; by means of pressure the solvent is passed through the membrane, leaving behind a concentrated solution; specific use: reverse osmosis. for separation of real solutions, e.g. salt solutions.)  
*d* umgekehrte Osmose *f*; Revers-Osmose *f*; Hyperfiltration *f*  
*f* osmose *f* inverse; osmose *f* de renversement; hiperfiltration *f*  
*p* osmose *f* inversa; hiperfiltração *f*
- 5472 reversibility**  
(Prod.)  
(Pharmaceutical processes; e.g. ref. to an incomplete chemical reaction.)  
*d* Reversibilität *f*; Umkehrbarkeit *f*; Rückbildungsfähigkeit *f*  
*f* réversibilité *f*  
*p* reversibilidade *f*
- 5473 reversibility of a chemical pharmaceutical reaction**  
(Prod.)  
(Pharmaceutical technology.)  
*d* Rückbildungsfähigkeit *f* einer chemischen pharmazeutischen Reaktion

- f* réversibilité *f* d'une réaction chimique pharmaceutique  
*p* reversibilidade *f* de uma reação química farmacêutica
- 5474 reversibility of a process**  
 (Prod.)  
 (Pharmaceutical processes; e. g. ref. to entropy (S) processes.)  
*d* Umkehrbarkeit *f* eines Prozesses; Umkehrbarkeit *f* eines Vorganges  
*f* réversibilité *f* d'un processus  
*p* reversibilidade *f* de um processo
- 5475 reversible** *adj*  
 (Vit.)  
 (Ref. to vitamin/enzyme activity; also: possible reaction characteristic.)  
*d* umkehrbar  
*f* réversible  
*p* reversível
- 5476 reversible chemical reaction**  
 (Prod.)  
 (Pharmaceutical technology; ref. to a chemical backward and forward going reaction: the rate of the forward reaction equals the rate of the backward reaction.)  
*d* umkehrbare chemische Reaktion *f*; reversible chemische Reaktion *f*  
*f* réaction *f* chimique réversible  
*p* reação *f* química reversível
- 5477 reversible cleavage**  
 (Prod.)  
 (Pharmaceutical chemistry; see entry: cleavage.)  
*d* reversible Spaltung *f*; umkehrbare Spaltung *f*  
*f* clivage *m* réversible  
*p* clivagem *f* reversível
- 5478 reversible complex formation**  
 (Prod.)  
 (Pharmaceutical technology; ref. to insoluble polyvinylpyrrolidone and its interactions with pharmaceutical chemicals.)  
*d* reversible Komplexbildung *f*; umkehrbare Komplexbildung *f*  
*f* formation *f* réversible des complexes  
*p* formação *f* reversível de complexos
- \* **reversible inhibition of germ growth** → 746
- 5479 reversible organic change; curable organic change**  
 (Med.)
- ("Reversible": meaning in medicine.)  
*d* reversible Organveränderung *f*; heilbare Organveränderung *f*  
*f* altération *f* réversible de l'organe; altération *f* curable de l'organe  
*p* alteração *f* orgânica reversível; alteração *f* orgânica curável
- 5480 reversible process**  
 (Prod.)  
 (Pharmaceutical processes; e. g. ref. to entropy (S) processes.)  
*d* umkehrbarer Prozess *m*; umkehrbarer Vorgang *m*  
*f* processus *m* réversible  
*p* processo *m* reversível
- 5481 reversible reaction**  
 (Prod.)  
 (Pharmaceutical processes; see entry: esterification reversal is hydrolysis.)  
*d* Umkehrreaktion *f*  
*f* réaction *f* réversible  
*p* reação *f* reversível
- \* **rheology of a surfactant** → 6099
- 5482 rhubarb**  
 (Phyto.)  
 (Genus Rheum; buckwheat family; mild laxative.)  
*d* Rhabarber *m*  
*f* rhubarbe *f*  
*p* ruibarbu *m*
- 5483 riboflavin**  
 (Vit.)  
 (C<sub>17</sub>H<sub>20</sub>N<sub>4</sub>O<sub>6</sub>; vitamin B<sub>2</sub>; lactoflavin; growth factor; prophylaxis/treatment of ariboflavinosis: inflammation of the tongue, lips and mouth corners.)  
*d* Riboflavin *n*  
*f* riboflavine *f*  
*p* riboflavina *f*
- \* **riboflavin** → 6765
- 5484 riboflavin activity**  
 (Vit.)  
 (Vitamin B<sub>2</sub> activity.)  
*d* Wirksamkeit *f* des Riboflavins  
*f* activité *f* riboflavinique  
*p* atividade *f* riboflavínica
- \* **riboflavin as the second factor of the vitamin B-principle** → 6767



- 5485 riboflavin, as vitamin B<sub>2</sub>, participates in cell respiration**  
(Vit.)  
(Vitamin physiology, participation of this vitamin of the B complex in form of a coenzyme.)  
*d* Riboflavin *n*, als Vitamin B<sub>2</sub>, ist an der Zellatmung beteiligt  
*f* riboflavine *f*, comme vitamine B<sub>2</sub>, participe à la respiration cellulaire  
*p* riboflavina *f*, como vitamina B<sub>2</sub>, participa na respiração celular
- 5486 riboflavin coenzyme**  
(Vit.)  
(Vitamin B<sub>2</sub> biochemistry.)  
*d* Riboflavin-Coenzym *n*  
*f* coenzyme *f* de la riboflavine  
*p* coenzima *f* da riboflavina
- 5487 riboflavin-interference**  
(Vit.)  
(Vitamin B<sub>2</sub>-riboflavin biochemistry, e.g. in the respiratory chain.)  
*d* Riboflavin-Interferenz *f*  
*f* interférence *f* riboflavinique  
*p* interferência *f* riboflavínica
- 5488 riboflavin phosphate**  
(Vit.)  
(Vitamin B<sub>2</sub> phosphate (sodium salt); C<sub>17</sub>H<sub>20</sub>N<sub>4</sub>O<sub>9</sub>PNa.2H<sub>2</sub>O; flavin mononucleotide.)  
*d* Riboflavin-Phosphat *n*  
*f* riboflavine-phosphate *m*  
*p* riboflavina-fosfato *m*
- 5489 riboflavin-phosphate sodium**  
(Vit.)  
(C<sub>17</sub>H<sub>20</sub>N<sub>4</sub>O<sub>9</sub>PNa.2H<sub>2</sub>O; vitamin B<sub>2</sub> (riboflavin) phosphate sodium salt; flavin mononucleotide; riboflavin derivative.)  
*d* Riboflavin-Phosphat-Natriumsalz *n*  
*f* sel *m* sodique de riboflavine-phosphate  
*p* sal *m* de sódio do riboflavina-fosfato
- 5490 riboflavin tablet**  
(Vit.)  
(Vitamin technology; a solid vitamin preparation of vitamin B<sub>2</sub> (C<sub>17</sub>H<sub>20</sub>N<sub>4</sub>O<sub>6</sub>: lactoflavin).)  
*d* Riboflavintablette *f*  
*f* comprimé *m* de riboflavine  
*p* comprimido *m* de riboflavina
- 5491 ribonuclease**  
(Enz.)  
(RNA hydrolyzing enzyme.)  
*d* Ribonuklease *f*  
*f* ribonucléase *f*  
*p* ribonuclease *f*
- 5492 ribose**  
(Vit.)  
(C<sub>5</sub>H<sub>10</sub>O<sub>5</sub>; monosaccharide of the ribonucleic acid; present in the cell plasma; ref. to vitamin B<sub>2</sub> (riboflavine) biochemistry; see entry: in synthesis course of vitamin B<sub>2</sub> (D-ribose).)  
*d* Ribose *f*  
*f* ribose *m*  
*p* ribose *f*
- 5493 ribosome**  
(Cyt.)  
(Ref. to inner cell structure; a RNA/protein particle, site of protein synthesis, within the rough endoplasmic reticulum.)  
*d* Ribosom *n*  
*f* ribosome *m*  
*p* ribossomo *m*
- \* **ribosome-studded endoplasmic reticulum** → 2402
- 5494 ricinus oil; castor oil**  
(Phyto.)  
(Oil of Palma Christi; pressed from the seeds of "Ricinus communis L; Euphorbiaceae"; use: cathartic (laxative, purgative).)  
*d* Rizinusöl *n*  
*f* huile *f* de ricin  
*p* óleo *m* de ricina; óleo *m* de mamona
- 5495 rickets**  
(Vit.)  
(Vitamin D-deficiency disease.)  
*d* Rachitis *f*  
*f* rachitisme *m*  
*p* raquitismo *m*
- 5496 rifampicin**  
(Prod.)  
(C<sub>43</sub>H<sub>58</sub>N<sub>4</sub>O<sub>12</sub>; Selective semisynthetic (RNA synthesis inhibiting)-spectrum antibiotic.)  
*d* Rifampicin *n*  
*f* rifampicine *f*  
*p* rifampicina *f*
- 5497 rifampicin as a semisynthetic antibiotic**  
(Ant.)  
(Product of biotechnology, starting from "Streptomyces mediterranei".)  
*d* Rifampicin *n* als halbsynthetisches Antibiotikum

- f* rifampicine *f* comme antibiotique semi-synthétique  
*p* rifampicina *f* como antibiótico semi-sintético
- 5498 right kidney/left kidney**  
 (Anat.)  
 (Organ responsible for the excretion of residues by the nephrons, under blood filtration.)  
*d* rechte Niere *f*/linke Niere *f*  
*f* rein *m* droit/rein *m* gauche  
*p* rim *m* direito/rim esquerdo
- 5499 ripening of pomades**  
 (Prod.)  
 (Pharmaceutical technology; resting time necessary for acquiring the final consistency.)  
*d* Reifung *f* der Pomaden; Reifen *n* der Pomaden  
*f* mûrissement *m* des pommades; mûrissage *m* des pommades  
*p* amadurecimento *m* das pomadas; maturação *f* das pomadas
- \* **rise** *v* → 6123
- 5500 rise in enzyme synthesis by thyroid hormones**  
 (Horm.)  
 (Ref. to the hormones thyroxine and triiodothyronine which increase also the protein synthesis and as consequence the enzyme synthesis.)  
*d* Steigerung *f* der Enzymsynthese durch die Schilddrüsenhormone  
*f* augmentation *f* de la synthèse des enzymes par les hormones thyroïdiennes  
*p* aumento *m* da síntese de enzimas pelos hormônios da tireóide
- 5501 rise in the level of estradiol inhibits FSH-secretion**  
 (Horm.)  
 (Hormone biochemistry; hormone physiology; ref. to hormone FSH (follicle-stimulating hormone)-concentration/activity in the blood.)  
*d* Anstieg *m* des Östradiolspiegels hemmt die FSH-Sekretion  
*f* accroissement *m* du niveau de l'œstradiol inhibe la sécrétion de la FSH; augmentation *f* du niveau de l'œstradiol inhibe la sécrétion de la FSH  
*p* subida *f* do nível de estradiol inibe a secreção do FSH
- 5502 rise in the level of progesterone inhibits release of the LH**  
 (Horm.)  
 (Hormone biochemistry; hormone physiology; ref. to hormone (LH=luteinizing hormone)-concentration/activity in the blood.)  
*d* Anstieg *m* des Progesteronspiegels hemmt die Freisetzung des LH  
*f* accroissement *m* du niveau de la progésterone inhibe la libération de la LH; augmentation *f* du niveau de la progésterone inhibe la libération de la LH  
*p* subida *f* do nível da progesterona inibe a liberação do LH
- 5503 risk factors**  
 (Med.)  
 (Ref. e.g. to the way of life relating to probable future diseases.)  
*d* Risikofaktoren *mpl*  
*f* facteurs *mpl* de risque  
*p* fatores *mpl* de risco
- 5504 role of the vitamins in enzymatic activity; part of the vitamins in enzymatic activity**  
 (Vit.)  
 (Vitamin biochemistry/physiology.)  
*d* Rolle *f* der Vitamine betreffend die Aktivität der Enzyme  
*f* rôle *f* des vitamines dans l'activité enzymatique  
*p* papel *m* das vitaminas na atividade enzimática
- 5505 rolling effect on the tablet**  
 (Prod.)  
 (Pharmaceutical chemistry; this effect is part of the "resistance test of the tablet" (see entry) as tablets are subject during transport etc. to such kind of movements.)  
*d* Rollwirkung *f* auf die Tablette  
*f* effet *m* du roulement sur le comprimé  
*p* efeito *m* de rolamento no comprimido
- 5506 rosemary tea**  
 (Phyto.)  
 (Herbal tea with sedative effect of "Rosmarinus officinalis"; see entry: sedative.)  
*d* Rosmarintee *m*  
*f* tisane *f* de romarin  
*p* chá *m* de alecrim
- 5507 rotary tableting press**  
 (Prod.)  
 (E.g. for vitamin tableting processes.)  
*d* Umlauftablettierpresse *f*  
*f* machine *f* rotative de compression  
*p* máquina *f* rotativa de compressão

- 5508 rotational energy**  
(Prod.)  
(Pharmaceutical technology; a form of kinetic energy (see this entry), ref. to gases/gas molecules.)  
*d* Rotationsenergie *f*  
*f* énergie *f* de rotation  
*p* energia *f* de rotação
- 5509 rotation of the cycle; cycle rotation**  
(Enz.)  
(Enzymology; ref. to the Krebs-cycle.)  
*d* Rotation *f* des Zyklus; Drehung *f* des Kreislaufs  
*f* rotation *f* du cycle  
*p* rotação *f* do ciclo
- 5510 rough core surface**  
(Prod.)  
(Pharmaceutical technology; this surface characteristic of the core is important for the adherence of the revesting granulate types.)  
*d* rauhe Kernoberfläche *f*  
*f* surface *f* rugueuse du noyau  
*p* superfície *f* áspera do núcleo
- \* **rough endoplasmic reticulum** → 2402
- 5511 rubber emplastrum**  
(Prod.)  
(Pharmaceutical technology; pharmaceutical form for cutaneous application (application on the skin); having a caoutchouc addition and medicinal powders.)  
*d* Kautschuk-Heilpflaster *n*  
*f* emplâtre *m* caoutchouté  
*p* emplastro *m* de cautchu
- 5512 rue**  
(Phyto.)  
("Ruta graveolens, L. Rutacene", medicinal herb; antispasmodic, also in amenorrhoea (menstrual disorders).)  
*d* Raute *f*  
*f* rue *f*  
*p* arruda *f*
- \* **run of an enzymatic reaction** → 1629
- \* **run of fermentation** → 1631
- \* **rupture of the biochemical balance** → 5513
- 5513 rupture of the biochemical equilibrium; rupture of the biochemical balance**  
(Vit.)  
(Vitamin physiology; related to vitamin intake, vitamin therapy etc.)  
*d* Bruch *m* des biochemischen Gleichgewichtes  
*f* rupture *f* de l'équilibre biochimique  
*p* ruptura *f* do equilibrio bioquímico
- 5514 rupture of the equilibrium state of the emulsion**  
(Prod.)  
(Pharmaceutical chemistry; ref. to dispersion/emulsion research; this rupture could be promoted by impurities.)  
*d* Bruch *m* des Gleichgewichtszustandes der Emulsion  
*f* rupture *f* de l'état d'équilibre de l'émulsion  
*p* ruptura *f* do estado de equilíbrio da emulsão
- 5515 rutin; rutoside**  
(Vit.)  
(Vitamin technology; C<sub>27</sub>H<sub>30</sub>O<sub>16</sub>; vitamin P; a bioflavonoid; used in vitamin combinations; e.g. together with vitamin C as prevention against hemorrhagic conditions; also in capillary fragility.)  
*d* Rutin *n*  
*f* rutoside *m*  
*p* rutina *f*
- \* **rutoside** → 5515

## S

- 5516 saccharification**  
(Prod.)  
(Pharmaceutical processes; breaking up a carbohydrate complex, forming simple sugars, e.g. breaking down starch into sugar.)  
*d* Sakarifikation *f*  
*f* saccharification *f*  
*p* sacarificação *f*
- 5517 saccharin; saccharin sodium; sodium salt**  
(Prod.)  
(Pharmaceutical chemistry; saccharin (insoluble)  $C_7H_5NO_3S$ ; saccharin soluble:  $C_7H_4NNaO_3S \cdot 2H_2O$ : saccharin sodium as an auxiliary in pharmaceutical production: sweetener.)  
*d* Saccharin *n*; Natriumsaccharin *n*  
*f* saccharine *f*; saccharine *f* sodique  
*p* sacarina *f*; sacarina *f* sódica
- \* **saccharin sodium** → 5517
- \* **saccharose** → 6030
- \* **saccharose in form of a powder** → 4948
- \* **sacred bark** → 1092
- \* **sage** → 5527
- \* **salep** → 4480
- 5518 salicylic acid**  
(Prod.)  
( $C_7H_6O_3$ ; medicinal use: topically in powders, ointments etc; also: reagent in analytical chemistry; product of coal-sequence chemistry.)  
*d* Salicylsäure *f*; Salizylsäure *f*  
*f* acide *m* salicylique  
*p* ácido *m* salicílico
- 5519 saline cathartic; saline purgative**  
(Prod.)  
(Pharmaceutical technology; saline: alkali-saline (salt of alkali metal), magnesium sulphate salt containing, water absorbant medicinal product, for evacuation purposes.)  
*d* salinisches Abführmittel *n*; salzhaltiges Purgativum *n*  
*f* cathartique *m* salin; purgatif *m* salin  
*p* catártico *m* salino; purgativo *m* salino
- 5520 saline isotonic solution**  
(Prod.)  
(Pharmaceutical technology; prime material for various pharmaceutical production processes.)  
*d* salinische isotonische Lösung *f*  
*f* solution *f* saline isotinique  
*p* solução *f* salina isotônica
- \* **saline purgative** → 5519
- \* **saliva amylase** → 5132
- 5521 salmonella**  
(Med.)  
(Living microorganism affecting pharmaceutical purity. As to the American bacteriologist Daniel E. Salmon (1850–1914).)  
*d* Salmonelle *f*  
*f* salmonelle *f*  
*p* salmonela *f*
- 5522 salt-eliminative effect by renal filtration**  
(Pharm.)  
(Ref. to diuretic activity on the kidney.)  
*d* salzausscheidende Wirkung *f* durch Nierenfiltration  
*f* effet *m* éliminatoire sur le sel par la filtration rénale  
*p* efeito *m* eliminatório sobre o sal por filtração renal
- 5523 salts of nicotinic acid**  
(Vit.)  
(Vitamin physiology; nicotinic acid (vitamin B<sub>3</sub>) salts for pharmaceutical administration: aluminium, magnesium, sodium.)  
*d* Salze *npl* der Nicotinsäure  
*f* sels *mpl* de l'acide nicotinique  
*p* sais *mpl* do ácido nicotínico
- 5524 saluretics**  
(Prod.)  
(Table-salt (NaCl)-eliminating diuretics; promoting chlorine and sodium elimination by the urine; e.g. used in hypertension; antihypertonic medicinal drug; see these entries.)  
*d* Saluretika *npl*  
*f* salurétiques *mpl*  
*p* saluréticas *fpl*

- 5525 saluretics have table-salt eliminating effect; saluretics have table-salt eliminative effect** (Pharm.)  
(Ref. to certain diuretics – saluretics: NaCl-elimination.)  
*d* Saluretika *npl* haben  
kochsalzausschwemmende Wirkung  
*f* salurétiques *mpl* ayants un effet éliminatoire sur le sel de cuisine  
*p* saluréticos *mpl* possuem um efeito eliminatório sobre o sal de cozinha
- \* **saluretics have table-salt eliminative effect**  
→ 5525
- 5526 saluretics have water eliminating properties** (Pharm.)  
(Ref. to certain diuretics – saluretics.)  
*d* Saluretika *npl* haben  
wasserausschwemmenden Eigenschaften  
*f* salurétiques *mpl* ayants des propriétés éliminatoires concernant l'eau  
*p* saluréticos *mpl* demonstram propriedades eliminatórias relativas à água
- 5527 salvia; sage** (Phyto.)  
("Salvia officinalis L."; use in hyperhydrosis, ptyalism (excessive saliva production), pharyngitis etc.)  
*d* Salbei *m*  
*f* sauge *f*  
*p* salva *f*
- 5528 sample solution** (Prod.)  
(Pharmaceutical technology; ref. to analysis processes.)  
*d* Musterlösung *f*  
*f* solution *f* d'échantillon  
*p* solução-amostra *f*
- 5529 sample volume; volume of the sample material** (Prod.)  
(Pharmaceutical technology; research and production processes.)  
*d* Muster-Volumen *n*; Volumen *n* des Mustermaterials  
*f* volume *m* de l'échantillon; volume *m* du matériau de l'échantillon  
*p* volume *m* da amostra; volume *m* do material da amostra
- 5530 sampling in control operations** (Prod.)  
(Pharmaceutical processes, e.g. in tablet production processes, quality control.)  
*d* Musterentnahme *f* in Kontrollverfahren  
*f* prélèvement *m* dans des opérations de contrôle  
*p* amostragem *f* nas operações de controle
- 5531 santonin** (Phyto.)  
(C<sub>15</sub>H<sub>18</sub>O<sub>3</sub>); substance found in artemisias, esp. "Artemisia maritima"; anthelmintic for "Ascaris lumbricoides"; see entry: artemisia.)  
*d* Santonin *n*  
*f* santonine *f*  
*p* santonina *f*; santônica *f*
- 5532 saponaceous adj** (Prod.)  
(Pharmaceutical chemistry; product characteristic.)  
*d* seifenartig  
*f* saponacé  
*p* saponáceo
- 5533 saponifiable adj** (Prod.)  
(Pharmaceutical chemistry; product characteristic.)  
*d* verseifbar  
*f* saponifiable  
*p* saponificável
- 5534 saponification value** (Prod.)  
(Pharmaceutical technology; hydrolyzation of a fat with alkali.)  
*d* Verseifungswert *m*  
*f* indice *m* de saponification  
*p* índice *m* de saponificação
- 5535 saponified adj** (Prod.)  
(Pharmaceutical chemistry; product characteristic; ref. to fat hydrolyzation with alkali to obtain soap and glycerol.)  
*d* verseift  
*f* saponifié  
*p* saponificado
- 5536 saponify v** (Prod.)  
(Pharmaceutical chemistry; product characteristic; ref. to fat hydrolyzation with alkali to obtain soap and glycerol.)  
*d* verseifen  
*f* saponifier  
*p* saponificar

- 5537 sassafras**  
(Phyto.)  
("Sassafras albidum; laurel family"; use: carminative, diuretic, depurative, gout, rheumatism; topical antiseptic and skin treatment.)  
*d* Sassafras *m*; Sassafraslorbeer *m*  
*f* sassafras *m*  
*p* sassafrás *m*
- 5538 satellite DNA; satellite region of the chromosome**  
(Cyt.)  
(The smaller of the three chromosome regions (constrictions) [SAT] of nucleotide sequences.)  
*d* Satellit-DNS *m*; Satellitregion *f* des Chromosomes  
*f* ADN *m* satellite; partie *f* satellite du chromosome  
*p* DNA *m* satélite; região *f* satélite do cromossomo
- \* **satellite region of the chromosome → 5538**
- 5539 saturated solution**  
(Prod.)  
(Pharmaceutical processes/production: product characteristic: a solution which is unable to dissolve more of a solute.)  
*d* gesättigte Lösung *f*  
*f* solution *f* saturée  
*p* solução *f* saturada
- 5540 saturated vapour**  
(Mol.)  
(Ref. to dynamic molecular equilibrium in thermodynamics, e.g. escape/return of molecules of the solution.)  
*d* gesättigter Dampf *m*; Sattedampf *m*  
*f* vapeur *f* saturée  
*p* vapor *m* saturado
- 5541 saturated vapour pressure**  
(Prod.)  
(Pharmaceutical processes; maximum vapour pressure ref. to a determinated temperature under conditions of equilibrium.)  
*d* Sättigungsdampfdruck *m*  
*f* pression *f* de vapeur saturante  
*p* pressão *f* de vapor saturado
- 5542 saturation pressure**  
(Prod.)  
(Pharmaceutical processes; ref. to processing activities.)  
*d* Sättigungsdruck *m*
- f* pression *f* de saturation  
*p* pressão *f* de saturação
- \* **scarlet berry → 917**
- 5543 scattering factor**  
(Prod.)  
(Pharmaceutical processes, e.g. ref. to particle movements (e.g. light rays, radiation) traversing a medium.)  
*d* Streuungsfaktor *m*  
*f* coefficient *m* de dispersion  
*p* fator *m* de dispersão; fator *m* de espalhamento
- \* **scleroprotein → 2599**
- \* **scoparius tea → 971**
- 5544 scopolamine**  
(Phyto.)  
(C<sub>17</sub>H<sub>21</sub>NO<sub>4</sub>; hyoscyne; an alkaloid found in plants as the nightshade family; medicamentous substance; against motion sickness; sedative; see also entry: antiemetic.)  
*d* Scopolamin *n*  
*f* scopolamine *f*  
*p* scopolamina *f*
- 5545 screening loss**  
(Prod.)  
(Pharmaceutical processes, in research and production, in: screening test; see this entry.)  
*d* Siebverlust *m*  
*f* perte *f* de tamisage  
*p* perda *f* por peneiramento
- 5546 screening method**  
(Prod.)  
(Pharmaceutical processes: ref. to production and characteristics of pharmaceutical powders: ref. to "particle size studies", see entry.)  
*d* Absiebmethode *f*  
*f* méthode *f* au tamis; méthode *f* de tamisation  
*p* método *m* de tamisação
- 5547 screening of molecules**  
(Prod.)  
(Pharmaceutical technology; ref. to research/investigation of molecules ref. to the therapeutic/pharmaceutical properties and their posterior selective separation for further experiments.)  
*d* Aussieben *n* von Molekülen  
*f* criblage *m* de molécules  
*p* peneiramento *m* de moléculas

- 5548 screening process by particle retention**  
(Prod.)  
(Pharmaceutical processes; another screening process is separation by sweeping, i.e. by means of a moving fluid course.)
- d* Absiebprozess *m* unter Teilchenzurückhaltung  
*f* tamisation *f* par rétention des particules  
*p* processo *m* de peneiração sob retenção das partículas; processo *m* de tamisação sob retenção das partículas
- 5549 screening process in dry vitamin powder production; sifting process in dry vitamin powder production**  
(Vit.)  
(Vitamin technology in pharmaceutical processes; ref. to the separation process of powdery mixtures.)
- d* Sieben *n* in der Produktion von Vitamintrockenpulvern; Absieben *n* in der Produktion von Vitamintrockenpulvern  
*f* tamisation *f* dans la production de poudres sèches vitaminiques  
*p* peneiração *f* na produção de pós secos de vitaminas; peneiramento *m* na produção de pós secos de vitaminas; tamisação *m* na produção de pós secos de vitaminas
- 5550 screening test; test of examination for posterior separation**  
(Prod.)  
(Pharmaceutical chemistry; ref. to product quality; control of prime material.)
- d* Auswahltest *m*  
*f* essai *m* de sélection  
*p* teste *m* de seleção
- \* **screen-like perforated** → 1640
- 5551 sealed glass phial; sealed glass vial**  
(Prod.)  
(Pharmaceutical processes; e.g. for conditioning of injectable solute, for solutions etc; see also entry: sterile glass ampoule.)
- d* luftdicht verschlossendes Glasfläschchen *n*  
*f* flacon *m* en verre scellé  
*p* frasco *m* de vidro selado; vidrinho *m* vedado
- \* **sealed glass vial** → 5551
- 5552 sealing of ampoules by welding**  
(Prod.)  
(Pharmaceutical processes; e.g. for conditioning of injectable solute, for solutions etc; see also entry: sealed glass phial; sealed glass vial.)
- d* Schließung *f* der Ampullen durch Schweißung  
*f* fermeture *f* des ampoules par soudage  
*p* fechamento *m* das ampolas por soldagem
- 5553 seborrhoea**  
(Med.)  
(Excessive sebum secretion, e.g. due to vitamin B<sub>2</sub> (riboflavin) deficiency.)
- d* Seborrhöe *f*; Seborrhöe *f*  
*f* séborrhée *f*  
*p* seborréia *f*
- 5554 secondary amine**  
(Enz.)  
(Imide bases; ammonia derivative.)
- d* sekundäres Amin *n*  
*f* amine *f* secondaire  
*p* amina *f* secundária
- 5555 secondary fermentation**  
(Enz.)  
(Ref. to posterior fermentation process; see entry: fermentation.)
- d* Nachgärung *f*  
*f* fermentation *f* secondaire  
*p* fermentação *f* secundária
- 5556 secondary glucoside; secondary heart glycoside**  
(Phyto.)  
(E.g. ref. to lily of the valley, "Convallaria majalis L., Liliaceae"; source of active principles used as cardiac tonic, effect similar to digitalis.)
- d* sekundäres Glukosid *n*; sekundäres Herzglukosid *n*  
*f* glucoside *m* secondaire; glucoside *m* secondaire cardiaque  
*p* glicosídeo *m* secundário; glicosídeo *m* secundário cardíaco
- \* **secondary heart glycoside** → 5556
- 5557 secondary protein structure**  
(Enz.)  
(Denomination of a certain sequence of polypeptide chains of amino acids, due to polypeptide coiling and-pleating.)
- d* Protein-Sekundärstruktur *f*  
*f* structure *f* protéique secondaire  
*p* estrutura *f* protéica secundária
- 5558 secondary resistance of selected mutants**  
(Ant.)  
(See entries: selected mutants and antibiotic-resistant bacterial mutant.)
- d* Sekundärresistenz *f* selektionierter Mutanten

- f* résistance *f* secondaire des mutants sélectionnés  
*p* resistência *f* secundária dos mutantes selecionados
- 5559 second intracellular messenger**  
 (Horm.)  
 (This messenger type activates the specific protein-kinases.)  
*d* zweiter intrazellulärer Botschafter *m*; zweiter intrazellulärer Botenstoff *m*  
*f* second messenger *m* intracellulaire; deuxième messenger *m* intracellulaire  
*p* segundo mensageiro *m* intracelular
- 5560 second messenger**  
 (Horm.)  
 (Acting within the target cell; this second messenger is often cyclic adenosine monophosphate (cAMP) or calcium.)  
*d* zweiter Botenstoff *m*  
*f* second messenger *m*; deuxième messenger *m*  
*p* segundo mensageiro *m*
- 5561 secreted by a cellule**  
 (Horm.)  
 (E.g. ref. to a hormone.)  
*d* durch eine Zelle abgesondert  
*f* sécrété par une cellule  
*p* secretado por uma célula; segregado por uma célula
- 5562 secretin**  
 (Horm.)  
 (Hormone formed by the small intestine (duodenum).)  
*d* Sekretin *n*  
*f* sécrétine *f*  
*p* secretina *f*
- 5563 secretin as a medicament in the treatment of gastric ulcer bleeding**  
 (Horm.)  
 (Hormone biochemistry; hormone physiology; hormone as a medicament.)  
*d* Sekretin *n* als Medikament in der Behandlung von gastrischer Ulkusblutung  
*f* sécrétine *f* comme médicament dans le traitement de saignement d'un ulcère gastrique  
*p* secretina *f* como medicamento no tratamento de sangramento de úlcera gástrica
- 5564 secretin in medicine: test for gall bladder function**  
 (Horm.)  
 (Application of hormones in medicine.)  
*d* Sekretin *n* in der Medizin: Test für die Gallenblasenfunktion
- f* sécrétine *f* dans la médecine: test fonctionnel de la vésicule biliaire  
*p* secretina *f* na medicina: teste para a função da vesícula biliar
- 5565 secretin in therapy: test for the function of the pancreas**  
 (Horm.)  
 (Application of hormones in medicine.)  
*d* Sekretin *n* in der Therapie: Probe der Bauchspeicheldrüsenfunktion  
*f* sécrétine *f* dans la thérapeutique: test de la fonction du pancréas  
*p* secretina *f* na terapia: prova do funcionamento do pâncreas
- 5566 secretin is produced by the mucosa of the duodenum**  
 (Horm.)  
 (Hormone biochemistry; hormone physiology, origin of the hormone secretin.)  
*d* Sekretin *n* wird von der Schleimhaut des Zwölffingerdarmes produziert  
*f* sécrétine *f* est produite par la muqueuse du duodénum  
*p* secretina *f* é produzida pela mucosa do duodeno
- 5567 secretin stimulates the internal and external secretions of the pancreas**  
 (Horm.)  
 (Hormone biochemistry; hormone physiology, activity of the hormone secretin.)  
*d* Sekretin *n* regt die internen und externen Pankreas-Sekretionen an  
*f* sécrétine *f* stimule les sécrétions internes et externes du pancréas  
*p* secretina *f* estimula as secreções internas e externas do pâncreas
- 5568 secretin stimulates the secretion of alkaline pancreatic juices**  
 (Horm.)  
 (Hormone biochemistry; hormone physiology, activity of the hormone secretin.)  
*d* Sekretin *n* stimuliert die Sekretion alkaliner Säfte des Pankreas  
*f* sécrétine *f* stimule la sécrétion des sucs alcalins pancréatiques  
*p* secretina *f* estimula a secreção de sucos alcalinos do pâncreas
- 5569 secretory activity of the glands**  
 (Horm.)  
 (E.g. ref. to hormonal glands.)  
*d* Sekretionsaktivität *f* der Drüsen  
*f* activité *f* sécrétrice des glands  
*p* atividade *f* de secreção das glândulas



- \* **secretory activity of the glands** → 5574
- 5570 secretion control of the ocular fluids**  
(Pharm.)  
(Ref. to glaucoma treatment with drugs.)  
*d* Kontrolle *f* der Augenflüssigkeitssekretion  
*f* contrôle *m* des sécrétions oculaires  
*p* controle *m* da secreção dos fluidos oculares
- 5571 secretion of a hormone as response of the target cells**  
(Horm.)  
(Ref. to hormone activity in the body.)  
*d* Absonderung *f* eines Hormones als Antwortreaktion der Zielzellen  
*f* sécrétion *f* d'une hormone comme réponse des cellules-cibles  
*p* secreção *f* de um hormônio como resposta das células-alvo; segregação *f* de um hormônio como resposta das células-alvo
- 5572 secretion of the gestagens**  
(Horm.)  
(Stimulated by the LH (luteinizing hormone), see this entry.)  
*d* Gestagensekretion *f*  
*f* sécrétion *f* des gestagènes  
*p* secreção *f* da progesterona e dos similares sintéticos da progesterona
- 5573 secretion product of bacterial metabolism**  
(Med.)  
(Ref. to pyrogens, a fever and other pathologic reactions producing substance.)  
*d* Sekretionsprodukt *n* des bakteriellen Stoffwechsels  
*f* produit *m* de sécrétion du métabolisme bactérien  
*p* produto *m* de secreção do metabolismo bacteriano
- 5574 secretory action of glands; secretory activity of the glands**  
(Horm.)  
(Ref. to the normal action of glands, an organ which synthesizes and secretes certain fluids for internal use; elaboration, segregation/releasing of material by hormonal glands.)  
*d* Sekretionstätigkeit *f* der Drüsen; Absonderungstätigkeit *f* der Drüsen  
*f* action *f* sécrétoire des glandes; activité *f* sécrétrice des glandes  
*p* ação *f* secretório das glândulas; atividade *f* de secreção das glândulas
- 5575 secretory activity of the hormonal glands**  
(Horm.)
- (Ref. to hormone production and hormone secretion by the glands.)  
*d* sekretorische Aktivität *f* der Hormondrüsen  
*f* activité *f* sécrétoire des glandes hormonales  
*p* atividade *f* secretória das glândulas hormonais
- 5576 sector of activity of biotechnology**  
(Enz.)  
(Biotechnology as applied biological science aimed at industrial exploitation: e.g. industry of agricultural products, energy (alcohol/ethanol etc), medical drugs etc.)  
*d* Aktivitätssektor *m* der Biotechnologie; Wirkungssektor *m* der Biotechnologie  
*f* secteur *m* d'activité de la biotechnologie  
*p* setor *m* de atividade da biotecnologia
- 5577 sedation**  
(Pharm.)  
(Promotion of a relaxed condition by a drug.)  
*d* Sedierung *f*; Beruhigung *f*  
*f* sédation *f*; apaisement *m*  
*p* sedação *f*
- 5578 sedative**  
(Prod.)  
(A medicinal drug with calming effect; a minor tranquilizer to relieve tensions.)  
*d* Beruhigungsmittel *n*; Sedativ *n*  
*f* calmant *m*; sédatif *m*  
*p* calmante *m*; sedativo *m*
- 5579 sedimentation characteristics of micronized crospolyvinylpyrrolidone in suspensions**  
(Prod.)  
(Pharmaceutical technology; these characteristics in a suspension may be influenced by certain other PVP types.)  
*d* Sedimentationseigenschaften *fpl* mikronisierten crospolyvinylpyrrolidones in Suspensionen  
*f* caractéristiques *fpl* de sédimentation de la crospolyvinylpyrrolidone micronisée dans des suspensions  
*p* características *fpl* de sedimentação de crospolivinilpirrolidona micronizada em suspensões
- 5580 sedimentation method**  
(Prod.)  
(Pharmaceutical processes: ref. to production and characteristics of pharmaceutical powders, e.g. "particle size studies", see entry.)  
*d* Sedimentations-Methode *f*; Ablagerungs-Methode *f*  
*f* méthode *f* par sédimentation  
*p* método *m* por sedimentação

- 5581 sedimentation of the active principles in suspension**  
(Prod.)  
(Pharmaceutical processes; a sediment forming process; in German: das Absetzen *n* = process of sedimentation; der Absatz = the sedimented solid particles.)  
*d* Absetzen *n* der sich in Suspension befindlichen Wirkstoffe; Sedimentation *f* der sich in Suspension befindlichen Wirkstoffe  
*f* sédimentation *f* des principes actifs en suspension  
*p* sedimentação *f* dos princípios ativos em suspensão
- 5582 sedimentation stabilizer**  
(Prod.)  
(Pharmaceutical chemistry/processes; stabilizers are auxiliaries as e.g. certain polyvinylpyrrolidone (PVP) grades.)  
*d* Sedimentationsstabilisator *m*; Absetzungsstabilisator *m*  
*f* stabilisant *m* de la sédimentation  
*p* estabilizador *m* da sedimentação
- 5583 sedimentation stabilizer in suspensions**  
(Prod.)  
(Pharmaceutical chemistry/processes; stabilizers are auxiliaries as e.g. certain polyvinylpyrrolidone (PVP) grades.)  
*d* Sedimentationsstabilisator *m* in Suspensionen; Absetzungsstabilisator *m* im Suspensionen  
*f* stabilisant *m* de la sédimentation dans des suspensions  
*p* estabilizador *m* da sedimentação em suspensões
- 5584 sedimentation velocity**  
(Prod.)  
(Pharmaceutical processes; ref. to "particle size studies of pharmaceutical powders", see entry.)  
*d* Sedimentationsgeschwindigkeit *f*; Geschwindigkeit *f* des Absetzens  
*f* vitesse *f* de la sédimentation  
*p* velocidade *f* da sedimentação; rapidez *f* da sedimentação
- 5585 sediment volume**  
(Prod.)  
(Pharmaceutical chemistry.)  
*d* Niederschlagsmenge *f*; Ablagerungsmenge *f*; Sedimentvolumen *n*  
*f* volume *m* du sédiment  
*p* volume *m* de sedimentação
- 5586 sediment volume of a suspension**  
(Prod.)  
(Pharmaceutical technology; ref. to suspensions characteristics.)  
*d* Sedimentvolumen *n* einer Suspension  
*f* volume *m* du sédiment d'une suspension  
*p* volume *m* de sedimento de uma suspensão
- \* **seepage** → 3458
- \* **segmentation of the egg cell** → 1347
- 5587 selected microorganisms**  
(Enz.)  
(Biotechnology; use in processes as e.g. fermentation.)  
*d* ausgewählte Mikroorganismen *mpl*  
*f* micro-organismes *mpl* sélectionnés  
*p* microorganismo *mpl* selecionados
- 5588 selected mutants**  
(Ant.)  
(Ref. to antibiotic-resistant bacterial mutant, see this entry; this occurs in case of inadequate antibiotherapy; this resistance type: secondary resistance.)  
*d* selektionierte Mutanten *mpl*  
*f* mutants *mpl* sélectionnés  
*p* mutantes *mpl* selecionados
- 5589 selection of bacterial stems**  
(Ant.)  
(Ref. to bacterial stems capable of penicillinase production, inactivating penicillin activity: bacterial resistance.)  
*d* Auslese *f* von Bakterienstämmen  
*f* sélection *f* de souches bactériennes  
*p* seleção *f* de cepas de bactérias
- 5590 selective absorption**  
(Prod.)  
(Pharmaceutical technology.)  
*d* selektive Absorption *f*  
*f* absorption *f* sélective  
*p* absorção *f* seletiva
- 5591 selective absorption of medicamentous principles**  
(Pharm.)  
(Ref. to the administration method: rectal way permits a selective absorption, however inadequate for certain medicinal drugs.)  
*d* selektive Absorption *f* medikamentöser Wirkstoffe  
*f* absorption *f* sélective des principes médicamenteux  
*p* absorção *f* seletiva dos princípios medicamentosos

- 5592 selective adsorptive property**  
(Prod.)  
(Pharmaceutical technology; product characteristic; ref. to the popcorn polymer.)  
*d* selektiv adsorptive Eigenschaft *f*;  
zielgerichtete adsorptive Eigenschaft  
*f* propriété *f* sélectivement adsorbante  
*p* propriedade *f* adsorvente seletiva
- 5593 selective affinity to a target organ**  
(Pharm.)  
(Tissular selectivity of a medicamentous substance (see entry).)  
*d* selektive Affinität *f* mit dem Zielorgan  
*f* affinité *f* sélective pour l'organe-cible  
*p* afinidade *f* seletiva com o órgão-alvo
- 5594 selective agonist**  
(Pharm.)  
(Ref. to reaction-initiating active principle, acting with selected receptors.)  
*d* selektiver Agonist *m*  
*f* agent *m* agoniste sélectif  
*p* agonista *m* seletivo
- 5595 selective binding**  
(Prod.)  
(Pharmaceutical technology; characteristic of certain auxiliaries e.g. in filtration processes.)  
*d* selektive Bindung *f*  
*f* liaison *f* sélective  
*p* ligação *f* seletiva
- 5596 selective blocking of H<sub>1</sub>-receptors by H<sub>1</sub>-antagonists**  
(Pharm.)  
(Ref. to histamine blocking by drugs in allergies.)  
*d* selektive Blockierung *f* der H<sub>1</sub>-Rezeptoren durch die H<sub>1</sub>-Antagonisten  
*f* blocage *m* sélectif des récepteurs H<sub>1</sub> par des antagonistes H<sub>1</sub>  
*p* bloqueio *m* seletivo dos receptores H<sub>1</sub> pelos antagonistas H<sub>1</sub>
- 5597 selective complexation**  
(Prod.)  
(Pharmaceutical technology; complexation type.)  
*d* selektive Komplexierung *f*  
*f* formation *f* sélective des complexes  
*p* formação *f* seletiva de complexos; complexação *f* seletiva
- 5598 selective fermentation**  
(Enz.)  
(A fermentation process type.)  
*d* selektive Fermentation *f*; selektive Gärung *f*
- f* fermentation *f* sélective  
*p* fermentação *f* seletiva
- 5599 selective method for quantitative determination**  
(Prod.)  
(Pharmaceutical technology; ref. to analysis processes; determination method of substances.)  
*d* selektive Methode *f* quantitativer Bestimmung; zielgerichtete Methode *f* der quantitativen Bestimmung  
*f* méthode *f* sélective de détermination quantitative  
*p* método *m* seletivo de determinação quantitativa
- 5600 selective receptor blocker**  
(Pharm.)  
(Ref. to the precise (targeted) action of medicaments.)  
*d* selektiver Rezeptorenblocker *m*;  
auswählender Rezeptorenblocker *m*  
*f* bloqueur *m* sélectif des récepteurs  
*p* bloqueador *m* seletivo dos receptores
- 5601 selectivity of action of medicamentous precursors**  
(Pharm.)  
(Pharmaceutical chemistry; ref. e.g. to the elaboration of medicamentous substances and their activity in the organs (e.g. cell selectivity).)  
*d* Wirkungsselektivität *f* medikamentöser Vorprodukte  
*f* sélectivité *f* d'action de précurseurs médicamenteux  
*p* seletividade *f* de ação de precursores medicamentosos
- 5602 selenium acts in synergism with vitamin E as an antioxidant**  
(Vit.)  
(Vitamin physiology; e.g. a synergistic drug.)  
*d* Selen *n* wirkt synergistisch mit Vitamin E als Antioxidant  
*f* sélénium *m* agit en synergie avec la vitamine E comme un antioxydant  
*p* selênio *m* age em sinergismo com a vitamina E como antioxidante
- 5603 selenium ions**  
(Vit.)  
(Se. Trace element, e.g. incorporated in vitamin preparations; said to have an eye-preserving activity.)  
*d* Seleniumionen *npl*

- f* ions *mpl* sélénium  
*p* ions *mpl* de selênio
- \* **self-acting substance** → 247
- 5604 semiliquid consistency**  
 (Prod.)  
 (Pharmaceutical technology; ref. to the firmness of constitution of a product.)  
*d* halbflüssige Konsistenz *f*  
*f* consistence *f* semi-liquide  
*p* consistência *f* semilíquida
- 5605 semiliquid medicamentous preparation**  
 (Prod.)  
 (Pharmaceutical technology; ref. to the firmness of constitution of a medicament.)  
*d* halbflüssiges medikamentöses Präparat *n*  
*f* préparation *f* médicamenteuse semi-liquide  
*p* preparação *f* medicamentosa semilíquida
- 5606 semimetal; metalloïd**  
 (Mol.)  
 (Semimetals form covalent bonds with nonmetals.)  
*d* Halbmetall *n*  
*f* métalloïde *m*  
*p* semi-metal *m*
- \* **semipolar covalent bond** → 1586
- 5607 semisolid** *adj*  
 (Prod.)  
 (Pharmaceutical technology: product characteristic.)  
*d* halbfest  
*f* demi-solide  
*p* semi-sólido
- 5608 semisolid drugs**  
 (Prod.)  
 (Pharmaceutical technology; characteristics of certain pharmaceutical forms.)  
*d* halbfeste Medikamente *npl*  
*f* médicaments *mpl* demi-solides  
*p* medicamentos *mpl* semi-sólidos
- 5609 semisolid form**  
 (Prod.)  
 (Pharmaceutical technology; product characteristic.)  
*d* halbfeste Form *f*  
*f* forme *f* demi-solide  
*p* forma *f* semi-sólida
- 5610 semisynthesis**  
 (Prod.)  
 (Pharmaceutical technology; in opposition to
- total (complete, entire) synthesis (see entry).)  
*d* Halbsynthese *f*  
*f* hémisynthèse *f*  
*p* semi-síntese *f*
- 5611 semisynthetic analgesic**  
 (Phyto.)  
 (Pharmaceutical technology; biotechnology; original source: morphine alkaloid; e.g. dihydromorphinone, hydromorphone (C<sub>17</sub>H<sub>19</sub>NO<sub>3</sub>), narcotic, prepared by hydrogenation of morphine.)  
*d* halbsynthetisches Schmerzmittel *n*  
*f* analgésique *m* semi-synthétique  
*p* analgésico *m* semi-sintético
- 5612 semisynthetic hormone**  
 (Horm.)  
 (Hormones in therapeutics: substitutive therapy; biotechnology.)  
*d* halbsynthetisches Hormon *n*  
*f* hormone *f* semi-synthétique  
*p* hormônio *m* semi-sintético
- 5613 semisynthetic insulin**  
 (Horm.)  
 (In the treatment of diabetes, instead of the original insulin obtained from pigs and cattle; e.g. example of biotechnology.)  
*d* halbsynthetisches Insulin *n*  
*f* insuline *f* semi-synthétique  
*p* insulina *f* semi-sintética
- 5614 semisynthetic penicillin**  
 (Ant.)  
 (Biotechnology: biochemically obtained modified substance.)  
*d* halbsynthetisches Penicillin *n*  
*f* pénicilline *f* semi-synthétique  
*p* penicilina *f* semi-sintética
- 5615 sender cell of a hormone; emission cell of a hormone; emitting cell of a hormone**  
 (Horm.)  
 (Site from where the hormone parts to its receptor cell for starting its activity.)  
*d* Senderzelle *f* eines Hormons  
*f* cellule *f* émettrice d'une hormone  
*p* célula *f* emitente de um hormônio; célula *f* emissora de um hormônio
- \* **senna leaves infusion** → 1094
- 5616 senna leaves tea**  
 (Phyto.)  
 (Herbal tea of "Cassia" having a laxative (constipation relieving) effect.)  
*d* Sennesblättertee *m*

- f* tisane *f* des feuilles de Séné  
*p* chá *m* das folhas de sena
- 5617 sensitive bacterial species**  
 (Ant.)  
 (Sensitive to antibiotics: objective for research in antibiotherapy.)  
*d* empfindliche Arten *fpl* von Bakterien  
*f* espèces *fpl* bactériennes sensibles  
*p* espécies *fpl* bacterianas sensíveis
- \* **sensitive stems** → 6103
- 5618 sensitive *adj* to alterations of the pH-value**  
 (Prod.)  
 (Pharmaceutical chemistry; pH = hydrogen potential; measure of acidity/alkalinity, with the number 7 indicating the neutral state of a solution; lower nos. indicating acidity.)  
*d* empfindlich gegen pH-Veränderungen  
*f* sensible aux changements de pH  
*p* sensível às alterações do pH
- \* **sensitive to light** → 3788
- 5619 sensitivity of pathogens to antibiotics**  
 (Ant.)  
 (Important factor for employing the correct type of antibiotoxic drug in antibiotherapy; see this entry.)  
*d* Erregerempfindlichkeit *f* gegenüber Antibiotika  
*f* sensibilité *f* des microbes pathogènes aux antibiotiques  
*p* sensibilidade *f* dos micróbios patogênicos aos antibióticos
- \* **sensitivity of the target cell to the hormone** → 3209
- 5620 sensitivity to prostaglandins of the uterus**  
 (Horm.)  
 (Sensitivity due to specific receptors; application of hormones in medicine.)  
*d* Prostaglandinempfindlichkeit *f* der Gebärmutter  
*f* sensibilité *f* à des prostaglandines de l'utérus  
*p* sensibilidade *f* à prostaglandinas do útero
- 5621 sensitizing dose**  
 (Pharm.)  
 (Pharmacodynamics; immune system activating treatment.)  
*d* sensibilisierende Dosis *f*; empfindlichmachende Dosis *f*  
*f* dose *f* sensibilisante  
*p* dose *f* sensibilizante
- 5622 sensitizing injection**  
 (Med.)  
 (Primary injection of an antigen in immunostimulation.)  
*d* sensibilisierende Injektion *f*; empfindlichmachende Einspritzung *f*  
*f* injection *f* sensibilisante  
*p* injeção *f* de sensibilização
- 5623 sensitizing receptor; excitation-accepting receptor**  
 (Anat.)  
 (Ref. to transmitter activity on the target-organ.)  
*d* sensibilisierter Rezeptor *m*; erregungsaufnehmender Rezeptor *m*  
*f* récepteur *m* sensibilisé; récepteur *m* acceptant une excitation  
*p* receptor *m* sensibilizado; receptor *m* aceitador de uma excitação
- 5624 separation**  
 (Prod.)  
 (Pharmaceutical chemistry.)  
*d* Trennung *f*  
*f* séparation *f*  
*p* separação *f*
- 5625 separation by centrifugation**  
 (Prod.)  
 (Pharmaceutical processes; ref. to separation processes.)  
*d* Trennung *f* durch Zentrifugierung  
*f* séparation *f* par centrifugation  
*p* separação *f* por centrifugação
- \* **separation by diffusion of dissolved substances of different molecular weight** → 1888
- 5626 separation of charge in a polar chemical bond**  
 (Mol.)  
 (See entry: polarization.)  
*d* Ladungs-Trennung *f* in einer polaren chemischen Bindung  
*f* séparation *f* de charge dans une liaison chimique polaire  
*p* separação *f* de carga em uma ligação química polar
- 5627 separation of impurities**  
 (Prod.)  
 (Pharmaceutical technology.)  
*d* Trennung *f* der Fremdstoffe  
*f* séparation *f* des impuretés  
*p* separação *f* das impurezas

- 5628 separation of the mixture**  
(Prod.)  
(Pharmaceutical technology.)  
*d* Mischungstrennung *f*  
*f* séparation *f* du mélange  
*p* separação *f* da mistura
- 5629 separation process by diffusion**  
(Prod.)  
(Pharmaceutical processes, see entry: thermodiffusion.)  
*d* Diffusionstrennverfahren *n*  
*f* procédé *m* de séparation par diffusion  
*p* processo *m* de separação por difusão
- 5630 separation processes**  
(Prod.)  
(Pharmaceutical technology; ref. to analytical processes, detection methods.)  
*d* Trennprozesse *mpl*  
*f* procédés *mpl* de séparation  
*p* processos *mpl* de separação
- 5631 sequence**  
(Enz.)  
(Enzymology; e.g. ref. to amino acid sequence in a protein.)  
*d* Sequenz *f*; Reihenfolge *f*; Aufeinanderfolge *f*  
*f* séquence *f*; ordre *m* d'enchaînement  
*p* seqüência *f*
- 5632 sequence of amino acids**  
(Enz.)  
(Enzymology; characteristic of polypeptide chains.)  
*d* Aminosäuresequenz *f*  
*f* séquence *f* en acides aminés; ordre *m* d'enchaînement des acides aminés  
*p* seqüência *f* de aminoácidos
- 5633 sequence of amino acids in the primary structure of the protein**  
(Enz.)  
(Enzymology; the primary structure determines this sequence of amino acids.)  
*d* Aminosäuresequenz *f* Primärstruktur des Proteins  
*f* séquence *f* des acides aminés dans la structure primaire de la protéine  
*p* seqüência *f* de aminoácidos na estrutura primária da proteína
- 5634 sequences of the nuclei receptors**  
(Horm.)  
(Hormone biochemistry; ref. to cell nuclei.)  
*d* Sequenzen *fpl* der Nukleus-Rezeptoren  
*f* séquences *fpl* des récepteurs nucléaires  
*p* seqüências *fpl* dos receptores nucleares
- 5635 sequential protein structure**  
(Enz.)  
(Protein structure characteristic.)  
*d* sequenzielle Proteinstruktur *f*; sequentielle Proteinstruktur *f*  
*f* structure *f* séquentielle protéique  
*p* estrutura *f* sequencial protéica
- 5636 sequential proteolysis**  
(Enz.)  
(Type of protein- and peptide hydrolysis, e.g. by proteolytic enzymes (proteases or peptidases).)  
*d* sequentielle Proteolyse *f*; sequenzielle Proteolyse *f*  
*f* protéolyse *f* séquentielle  
*p* proteólise *f* sequencial
- 5637 serine**  
(Enz.)  
(Enzymology; C<sub>3</sub>H<sub>7</sub>NO<sub>3</sub>; 2-amino-3-hydroxypropanoic acid; a nonessential amino acid.)  
*d* Serin *n*  
*f* sérine *f*  
*p* serina *f*
- 5638 serotonin**  
(Horm.)  
(C<sub>10</sub>H<sub>12</sub>N<sub>2</sub>O. A neurotransmitter; formation favourably influenced by certain vitamins.)  
*d* Serotonin *n*  
*f* sérotonine *f*  
*p* serotoninina *f*
- 5639 serous content of an antibiotic**  
(Ant.)  
(Antibiotic serum concentration determined by application form in antibiotherapy.)  
*d* Serumgehalt *m* eines Antibiotikums  
*f* taux *m* sérique d'un antibiotique  
*p* taxa *f* sérica de um antibiótico
- 5640 serum disease**  
(Med.)  
(Allergic hypersensitivity reaction under formation of an antigen-antibody-complex; see this entry.)  
*d* Serumkrankheit *f*  
*f* maladie *f* du sérum  
*p* doença *f* do soro
- 5641 sesame oil**  
(Phyto.)  
(E.g. auxiliary in parenteral preparations, i.e. in preparations administered otherwise than through the mouth, bypassing the digestive track. Also: phytotherapy: renal and hepatic disorders.)

- d* Sesamöl *n*  
*f* huile *f* de sésame  
*p* óleo *m* de gergelim; óleo *m* de sésamo
- \* **set-back effect** → 5642
- 5642 set-back phenomenon; set-back effect**  
 (Pharm.)  
 (Pharmacodynamics; after ending a prolonged therapy with a certain drug, this one has to be suspended slowly to avoid such a phenomenon/effect, which can turn out to be dangerous for the patient.)  
*d* Rückschlagserscheinung *f*;  
 Rückschlagseffekt *m*  
*f* phénomène *m* de contrechoc; effet *m* de contrecoup  
*p* fenômeno *m* de contragolpe; efeito *m* de rebate
- 5643 set period of an emulsion**  
 (Prod.)  
 (Pharmaceutical chemistry; e.g. for promoting the ripening process.)  
*d* Ruheperiode *f* einer Emulsion  
*f* période *f* de repos d'une émulsion  
*p* período *m* de descanso de uma emulsão
- \* **settling of particles** → 4609
- 5644 settling tendency**  
 (Prod.)  
 (Pharmaceutical technology, ref. to solutions etc.)  
*d* Absetzungstendenz *f*; Neigung *f* zur Absatzbildung  
*f* tendance *f* à sédimentation; tendance *f* à former des dépôts  
*p* tendência *f* à sedimentação; tendência *f* de formar depósitos
- 5645 sex chromosome**  
 (Cyt.)  
 (Sex-determining chromosomes "x" and "y"; e.g. one "x" and one "y" gives a male; two "x" gives a female.)  
*d* Geschlechtschromosom *n*  
*f* chromosome *m* sexuel  
*p* cromossomo *m* sexual
- 5646 sex determination**  
 (Cyt.)  
 (Ref. to the presence of X (female) or Y (male) or another X (female) chromosome.)  
*d* Geschlechtsbestimmung *f*  
*f* détermination *f* du sexe  
*p* determinação *f* do sexo
- 5647 sex hormone**  
 (Horm.)  
 (Steroids: androgens and oestrogens.)  
*d* Sexualhormon *n*; Geschlechtshormon *n*  
*f* hormone *f* sexuelle  
*p* hormônio *m* sexual
- 5648 sex hormone binding globulin**  
 (Horm.)  
 (SHBG; a transport protein in the blood for the transport of estrogens and progesterones and its derivatives (gestagens); see this entry.)  
*d* geschlechtshormonbindendes Globulin *n*;  
 sexualhormonbindendes Globulin *n*  
*f* globuline *f* liante des hormones sexuelles  
*p* globulina *f* ligante dos hormônios sexuais
- 5649 sex hormones are steroids**  
 (Horm.)  
 (Ref. to the chemical origin of hormones.)  
*d* Geschlechtshormone *npl* sind Steroide  
*f* hormones *fpl* sexuelles sont stéroïdes  
*p* hormônios *mpl* sexuais são steróides
- \* **sexual difference of the cellular nucleus** → 3716
- 5650 sexual steroids**  
 (Horm.)  
 (Ref. to male and female sex hormones (androgens, oestrogens); adrenal cortex hormones: corticosteroids; corticoids; progesterone etc.)  
*d* Geschlechtssteroide *npl*;  
 Sexualsteroide *npl*  
*f* stéroïdes *mpl* sexuels  
*p* steróides *mpl* sexuais
- 5651 shaken mixture**  
 (Prod.)  
 (Pharmaceutical technology; elaboration of a mixture by shaking, e.g. for the production of tablets.)  
*d* Schüttelmixtur *f*  
*f* mixture *f* à agiter  
*p* mistura *f* por agitação
- 5652 shaking effect; effect of vibration**  
 (Prod.)  
 (Pharmaceutical chemistry; this effect is part of the "resistance test of the tablet" (see entry) as tablets are subject during transport etc. to such kind of movements.)  
*d* Schüttelwirkung *f*  
*f* effet *m* de secouement; effet *m* de vibration  
*p* efeito *m* de sacudida; efeito *m* de vibração

- 5653 shaking process**  
(Prod.)  
(Pharmaceutical technology; ref. to tableting processes.)  
*d* Schüttelprozess *m*  
*f* processus *m* à secousses  
*p* processo *m* de agitação
- 5654 sharp pain**  
(Med.)  
(Requiring analgesic treatment.)  
*d* starker Schmerz *m*; heftiger Schmerz *m*  
*f* douleur *f* intensive; douleur *f* vive  
*p* dor *f* intensa
- 5655 shift of charged atomic groups within the crystals**  
(Mol.)  
(See entry: polarization.)  
*d* Verschiebung *f* geladener Atomgruppen in Kristallen  
*f* déplacement *m* de groupes atomiques chargés dans des cristaux  
*p* deslocamento *m* de grupos de átomos carregados dentro dos cristais
- 5656 shortage effect of vitamin ...**  
(Vit.)  
(Ref. to effects of vitamin deficiencies.)  
*d* Auswirkung *f* des Mangels an Vitamin ...  
*f* effet *m* d'un défaut en vitamine ...  
*p* efeito *m* de uma carência de vitamina ...
- 5657 short-chained saturated triglycerides**  
(Vit.)  
(Vitamin technology; oily auxiliary in vitamin preparations.)  
*d* kurzkettige gesättigte Triglyceride *npl*  
*f* triglycérides *mpl* saturés à chaîne courte  
*p* triglicírideos *mpl* de cadeia curta saturados; triglicídeos *mpl* de cadeia curta saturado
- 5658 short-term storage test**  
(Prod.)  
(Pharmaceutical technology; ref. to product stress tests.)  
*d* kurzfristiger Lagertest *m*  
*f* test *m* de stockage à courte échéance; essai *m* de stockage à courte échéance  
*p* teste *m* de armazenamento a curto prazo; ensaio *m* de armazenamento a curto prazo
- 5659 sialogogue; sialogogue**  
(Prod.)  
(Saliva secretion promoting drug.)  
*d* Speichelabsonderung *f* förderndes Medikament  
*f* sialogogue *m*  
*p* sialogogo *m*
- \* **sialogogue** → 5659
- 5660 sieving**  
(Prod.)  
(Pharmaceutical technology; ref. to processes.)  
*d* Aussiebung *f*  
*f* tamisage *m*  
*p* peneiração *f*
- \* **sifting process in dry vitamin powder production** → 5549
- \* **signs of hypervitaminoses** → 6146
- 5661 silica gel**  
(Prod.)  
(Approx. H<sub>2</sub>SiO<sub>3</sub>: silicic acid; the gel is the precipitated form of this acid; in pharmaceutical technology: e.g. silica acid granules for vapour absorption.)  
*d* Silicagel *n*; Silikagel *n*  
*f* gel *m* de sílice; silicagel *m*  
*p* sílica gel *f*
- 5662 silicone oil**  
(Prod.)  
(Auxiliary in pharmaceutical processes/production: e.g. tablet-coating additive.)  
*d* Siliconöl *n*  
*f* huile *f* de silicone  
*p* óleo *m* de silicone
- \* **similarity** → 1601
- 5663 simple medicinal powder**  
(Prod.)  
(Pharmaceutical technology; ref. to pharmaceutical powder production.)  
*d* einfaches medizinisches Pulver *n*  
*f* poudre *f* médicinale simple  
*p* pó *m* medicinal simples
- 5664 simple protein (holoprotein)**  
(Enz.)  
(Enzymology; protein-classification as to its composition: containing only amino acids.)  
*d* einfaches Protein *n* (Holoprotein *n*)  
*f* protéine *f* simple (holoprotéine *f*)  
*p* proteína *f* simples (holoproteína *f*)
- 5665 simplification of a medicamentous molecule**  
(Mol.)  
(For increasing its adaptability, for elimination of side effects.)



- d* Vereinfachung *f* eines medikamentösen Moleküls  
*f* simplification *f* d'une molécule médicamenteuse  
*p* simplificação *f* de uma molécula medicamentosa
- 5666 simplified analogous active principle**  
 (Prod.)  
 (Pharmaceutical technology; ref. to the elaboration of a similar and simplified active principle.)  
*d* vereinfachter analogischer Wirkstoff *m*  
*f* principe *m* actif analogue simplifié  
*p* principio *m* ativo análogo simplificado
- 5667 simplified medicamentous analogs; simplified medicamentous analogues**  
 (Mol.)  
 (Molecular simplification (see entry) in pharmaceutical technology.)  
*d* vereinfachte medikamentöse Äquivalente *npl*  
*f* analogues *mpl* médicamenteux simplifiés  
*p* análogos *mpl* medicamentosos simplificados
- \* **simplified medicamentous analogues** → **5667**
- 5668 simultaneous disinfectant of the skin and mucosa**  
 (Prod.)  
 (Pharmaceutical technology; type of disinfectant.)  
*d* gleichzeitiges Haut-und Schleimhautdesinfektionsmittel *n*  
*f* désinfectant *m* simultané pour la peau et la muqueuse  
*p* desinfetante *m* simultâneo para a pele e a mucosa
- 5669 single bonds**  
 (Mol.)  
 (Covalent bonds with one shared pair of electrons are electron-pair bonds and are called single bonds; ref. to (medicamentous) molecules.)  
*d* Einfachbindungen *fpl*  
*f* liaisons *fpl* simples  
*p* ligações *fpl* simples
- 5670 single dose of a medicament**  
 (Pharm.)  
 (Pharmacodynamics; the number of single doses is called daily dose.)  
*d* Einzeldosis *f* eines Medikaments  
*f* dose *f* unique d'un médicament  
*p* dose *f* única de um medicamento
- 5671 single injection of penicillin**  
 (Ant.)  
 (Ref. to administration mode of antibiotics.)  
*d* Einzelinjektion *f* von Penicillin  
*f* injection *f* unique de penicilline  
*p* injeção *f* única de penicilina
- 5672 single-vitamin injectable**  
 (Vit.)  
 (Vitamin technology; pharmaceutical vitamin preparation.)  
*d* Ein-Vitamin-Injektionsprodukt *n*; Vitamin-Injektionsprodukt *n* einer einziger Vitaminkomponente  
*f* produit *m* vitaminique injectable d'une vitamine unique  
*p* produto *m* vitamínico injetável de uma única vitamina
- 5673 single-vitamin products**  
 (Vit.)  
 (Pharmaceutical vitamin form.)  
*d* Einzelvitamin-Produkte *npl*  
*f* produits *mpl* à une seule vitamine; produits *mpl* monovitaminiques  
*p* produtos *mpl* de vitamina única; produtos *mpl* monovitamínicos
- 5674 single-vitamin tablets**  
 (Vit.)  
 (Vitamin technology; pharmaceutical vitamin form.)  
*d* Einzelvitamin-tabletten *fpl*  
*f* comprimés *mpl* à une seule vitamine; comprimés *mpl* monovitaminiques  
*p* comprimidos *mpl* de vitamina única; comprimidos *mpl* monovitamínicos
- \* **site of action of the hormones** → **5675**
- 5675 site of hormonal action; site of action of the hormones**  
 (Horm.)  
 (Ref. to the spatial location of hormone activity in tissues/organs.)  
*d* Wirkungsort *m* der Hormontätigkeit; Stelle *f* der Hormontätigkeit  
*f* emplacement *m* d'action des hormones; site *m* d'action des hormones  
*p* local *m* de ação dos hormônios; lugar *m* de ação dos hormônios
- 5676 site of hormonal binding**  
 (Horm.)  
 (Ref. to hormonal activity.)  
*d* Ort *m* der hormonalen Bindung  
*f* site *m* de liaison hormonal  
*p* local *m* da ligação hormonal

- 5677 site of infection**  
(Med.)  
(Ref. to the location of the infection in the organism.)  
*d* Infektionsherd *m*  
*f* siège *m* de l'infection  
*p* local *m* da infeçã
- 5678 site-specific delivery system of the active principle**  
(Pharm.)  
(Tissular selectivity of a medicamentous substance; see entry.)  
*d* Freisetzungssystem *n* des Wirkstoffes an einem spezifischen Zielort  
*f* système *m* de libération du principe actif au site spécifique  
*p* sistema *m* de liberação de princípio ativo no local-alvo específico
- 5679 size of the molecules as physico-chemical constitution**  
(Mol.)  
(Ref. to the physico-chemical characteristics of the substances forming a medicament.)  
*d* Größe *f* der Moleküle als physikochemische Beschaffenheit  
*f* taille *f* des molécules comme constitution physico-chimique  
*p* tamanho *m* das moléculas como constituição físico-química
- 5680 skin compatibility**  
(Med.)  
(Ref. to substance characteristic, like skin-care products, detergents etc.)  
*d* Hautverträglichkeit *f*  
*f* compatibilité *f* avec la peau  
*p* compatibilidade *f* com a pele
- 5681 skin disease; dermatosis**  
(Med.)  
(Sometimes to be treated with: topical dermatological preparation; dermatological preparation for local application; see this entry.)  
*d* Hautkrankheit *f*; Dermatose *f*  
*f* maladie *f* de la peau; dermatose *f*  
*p* afecção *f* dermatológica; doença *f* dermatológica; dermatose *f*
- 5682 skin lesions**  
(Vit.)  
(Due to vitamin B<sub>2</sub>-riboflavin deficiency.)  
*d* Hautschäden *mpl*  
*f* lésions *fpl* de la peau  
*p* doenças *fpl* da pele
- 5683 skin pathology**  
(Vit.)  
(Due to vitamin deficiencies.)  
*d* Hautpathologie *f*  
*f* pathologie *f* de la peau  
*p* patologia *f* da pele
- 5684 skin reddening**  
(Vit.)  
(Oedema (edemas) at light exposure due to vitamin B<sub>3</sub> deficiency.)  
*d* Hautrötung *f*  
*f* rougeur *f* de la peau  
*p* vermelhidão *m* da pele
- 5685 slackening phase in the growth of microorganisms**  
(Enz.)  
(Biotechnology; ref. to microbial cultures in research and production processes.)  
*d* Verlangsamungsphase *f* des Mikroorganismenwachstums  
*f* phase *f* de ralentissement de la croissance des micro-organismes  
*p* fase *f* de retardamento no crescimento dos microorganismos
- 5686 slightly acid solution**  
(Prod.)  
(Pharmaceutical chemistry; product characteristic.)  
*d* leicht saure Lösung *f*; säuerliche Lösung *f*  
*f* solution *f* légèrement acide  
*p* solução *f* ligeiramente ácida
- 5687 slightly bitter taste**  
(Prod.)  
(Pharmaceutical chemistry; ref. to product characteristic.)  
*d* leicht bitterer Geschmack *m*  
*f* goût *m* faiblement amer  
*p* gosto *m* ligeiramente amargo
- 5688 slightly opalescent; slightly turbid** *adj*  
(Prod.)  
(Pharmaceutical technology; ref. to the aspect of solutions, etc.)  
*d* leicht trüb  
*f* faiblement opalescent  
*p* ligeiramente turvo
- 5689 slightly opaque solution**  
(Prod.)  
(Pharmaceutical technology; ref. to solution characteristics.)  
*d* leicht opake Lösung *f*  
*f* solution *f* légèrement opaque  
*p* solução *f* levemente opaca

- 5690 slightly soluble** *adj*  
(Vit.)  
(Vitamin technology; ref. to vitamin-product characteristic.)  
*d* anlösbar; etwas löslich  
*f* légèrement soluble  
*p* ligeiramente solúvel
- 5691 slightly soluble in water**  
(Vit.)  
(Vitamin technology; product characteristic.)  
*d* anlösbar in Wasser; etwas wasserlöslich  
*f* légèrement soluble dans l'eau  
*p* ligeiramente solúvel em água
- \* **slightly turbid** → 5688
- 5692 slow administration of a medicamentous drug**  
(Prod.)  
(Pharmaceutical technology; ref. to drug concentration on the level of its substrate; toleration range: maximum therapeutic-nontoxic and a minimum therapeutic-but-still-active.)  
*d* langsame Verabreichung *f* eines Arzneimittels  
*f* administration *f* lente d'une drogue médicamenteuse  
*p* administração *f* lenta de uma droga medicamentosa
- 5693 slow v down vitamin synthesis**  
(Vit.)  
(Vitamin technology.)  
*d* Vitaminsynthese verlangsamen  
*f* ralentir la synthèse vitaminique  
*p* retardar a síntese vitamínica; atrasar a síntese de vitaminas
- 5694 slow elimination of an antibiotic**  
(Ant.)  
(Antibiotic activity in the body.)  
*d* langsame Ausscheidung *f* eines Antibiotikums  
*f* élimination *f* lente d'un antibiotique  
*p* eliminação *f* lenta de um antibiótico
- 5695 slowing down of bacterial growth**  
(Med.)  
(Ref. to the process of bacterial multiplication, e.g. in research, in therapy etc.)  
*d* Verlangsamung *f* des Bakterienwachstums  
*f* ralentissement *m* de la croissance bactérienne  
*p* retardamento *m* do crescimento bacteriano
- 5696 small intestine as resorption tube for medicaments of oral application**  
(Anat.)  
(Ref. to the intestinal part where the drugs, parting from the stomach, are resorbed, following its way to the liver.)  
*d* Dünndarm *m* als Aufnahmekanal von mündlich eingenommenen Arzneimitteln  
*f* intestin *m* grêle comme tube de résorption pour les médicaments à administration orale  
*p* intestino *m* delgado como tubo de resorção para os medicamentos de administração oral
- \* **snake-weed** → 2449
- 5697 sodium ascorbate**  
(Vit.)  
(A vitamin C form;  $C_6H_7O_6Na$ ; an antioxidant.)  
*d* Natriumascorbat *n*  
*f* ascorbate *m* de sodium  
*p* ascorbato *m* de sódio
- 5698 sodium ascorbate injection**  
(Vit.)  
(Vitamin technology; vitamin C sodium.  $C_6H_7O_6Na$ ; a sterile sodium ascorbate solution; medical use as a vitamin (as ascorbic acid = vitamin C).)  
*d* Natrium Ascorbat-Injektion  
*f* injection *f* d'ascorbate de sodium  
*p* injeção *f* de ascorbato de sódio
- 5699 sodium bicarbonate**  
(Prod.)  
( $NaHCO_3$ ; auxiliary in pharmaceutical technology, e.g. for pH-adjustment; alkalyzer.)  
*d* Natriumbikarbonat *n*  
*f* bicarbonate *m* de sodium  
*p* bicarbonato *m* de sódio
- 5700 sodium bicarbonate as disintegrant in effervescent tablets**  
(Prod.)  
(Pharmaceutical technology: disintegrant, ( $NaHCO_3$ ) and effervescent agent, as auxiliary in tableting of effervescent tablets.)  
*d* Natriumbikarbonat *n* als Sprengmittel in Brausetabletten  
*f* bicarbonate *m* de sodium comme désintégrant dans des comprimés effervescents  
*p* bicarbonato *m* de sódio como desintegrante em comprimidos efervescentes
- \* **sodium borate** → 948
- 5701 sodium carbonate**  
(Vit.)  
(Vitamin technology;  $Na_2CO_3$ ; the anhydrous form; auxiliary product.)

- d* Natriumcarbonat *n*  
*f* carbonate *m* de sodium  
*p* carbonato *m* de sódio
- 5702 sodium citrate**  
 (Prod.)  
 (Pharmaceutical chemistry;  $\text{Na}_3\text{C}_6\text{H}_5\text{O}_7$  e.g.:  
 pH-modifier: alkalizer; buffering agent.)  
*d* Natriumcitrat *n*  
*f* citrate *m* de sodium  
*p* citrato *m* de sódio
- 5703 sodium citrate as buffering agent**  
 (Prod.)  
 (Pharmaceutical technology: ( $\text{Na}_3\text{C}_6\text{H}_5\text{O}_7$ );  
 e.g. to avoid hydrolysis of the active  
 principle.)  
*d* Natriumcitrat *n* als Puffer-Substanz  
*f* citrate *m* de sodium comme substance  
 tampon  
*p* citrato *m* de sódio como substância tampão
- 5704 sodium cyclamate**  
 (Prod.)  
 (Pharmaceutical technology; sodium salt;  
 $\text{C}_6\text{H}_{11}\text{NH}\text{SO}_3\text{Na}$ ; cyclamate sodium; non-  
 nutritive sweetening agent; e.g. used in  
 certain vitamin formulations.)  
*d* Natriumcyclamat *n*  
*f* cyclamate *m* de sodium  
*p* ciclamato *m* de sódio
- 5705 sodium excretion stimulated by the  
 atriopetine hormone**  
 (Horm.)  
 (See entry: atrial natriuretic factor (ANF).)  
*d* Natrium-Ausscheidung *f* gefördert durch das  
 Hormon Atriopetin  
*f* excrétion *f* du sodium stimulée par l'hormone  
 atriopetine  
*p* excreção *f* de sódio estimulado pelo hormônio  
 atriopetina
- 5706 sodium filtration by the glomeruli of the  
 kidneys**  
 (Horm.)  
 (The atrial natriuretic factor (ANF) promotes  
 this process.)  
*d* Natrium-Filtrierung *f* durch die  
 Nierenkörperchen; Natrium-Filtrierung  
 durch die Nieren-Glomeruli  
*f* filtration *f* du sodium par des glomérules du  
 rein  
*p* filtração *f* do sódio pelos glomérulos renais
- 5707 sodium lauryl sulphate**  
 (Prod.)  
 (Pharmaceutical technology:  $\text{C}_{12}\text{H}_{25}\text{NaO}_4\text{S}$ ;  
 e.g. a lubricant in tableting for improving the  
 "dusty aspect of a tablet", see entry.)  
*d* Natriumlaurylsulfat *n*  
*f* laurylsulfate *m* de sodium  
*p* laurilsulfato *m* de sódio
- 5708 sodium/potassium/  
 adenosinetriphosphatase**  
 (Enz.)  
 (See entry: membrane-permanent enzyme.)  
*d* Natrium/Kalium/Adenosintri-phosphatase *f*  
*f* sodium/potassium/adénosine-tri-phosphatase *f*  
*p* sódio/potássio/trifosfatase *f* de adenosina
- \* **sodium salt** → 5517
- 5709 sodium sulphate; Glauber's salt**  
 (Prod.)  
 ( $\text{Na}_2\text{SO}_4 \cdot 10\text{H}_2\text{O}$ ; medicamentous substance;  
 (Germ. chemist, J.R.Glauber 1604-1670);  
 osmotic effect as a cathartic; purgative; see  
 these entries.)  
*d* Natriumsulfat *n*; Glaubersalz *n*  
*f* sulfate *m* de soude; sel *m* de Glauber  
*p* sulfato *m* de sódio; sal *m* de Glauber
- 5710 sodium sulphite**  
 (Vit.)  
 (Vitamin technology;  $\text{Na}_2\text{SO}_3$ ; vitamin C  
 antioxidant; vitamin C itself is an antioxidant  
 in pharmaceuticals and foodstuffs.)  
*d* Natriumsulfit *n*  
*f* sulfite *m* de sodium  
*p* sulfito *m* de sódio
- 5711 softening zone**  
 (Prod.)  
 (Pharmaceutical chemistry; ref. to the  
 softening tolerance range of a medicamentous  
 substance, related to its solidification point.)  
*d* Erweichungsbereich *m*  
*f* zone *f* de ramollissement  
*p* zona *f* de amolecimento
- 5712 soft gelatin[e] capsules**  
 (Vit.)  
 (Vitamin technology; capsules increase  
 stability in the conservation of lypophilic and  
 multivitamin drugs.)  
*d* Gelatineweichkapseln *fpl*  
*f* capsules *fpl* molles de gélatine  
*p* cápsulas *fpl* moles de gelatina
- 5713 soft water**  
 (Prod.)  
 (In pharmaceutical processes; ref. to water  
 quality for research and production.)  
*d* weiches Wasser *n*

- f* eau *f* douce  
*p* água *f* mole
- 5714 solid adj**  
 (Prod.)  
 (Pharmaceutical chemistry; product characteristic: German "massiv" also = entirely; e.g. of gold = "massives Gold".)  
*d* fest; stabil; massiv  
*f* solide  
*p* sólido
- 5715 solid body**  
 (Prod.)  
 (Pharmaceutical chemistry; a solid substance: resisting e.g. compression and tension.)  
*d* Festkörper *m*; fester Körper *m*  
*f* corps *m* solide  
*p* corpo *m* sólido
- 5716 solid compound**  
 (Prod.)  
 (Pharmaceutical chemistry; substance property.)  
*d* Festkörperverbindung *f*  
*f* composé *m* solide  
*p* composto *m* sólido
- 5717 solid content**  
 (Prod.)  
 (Pharmaceutical technology; ref. to the characteristic of aqueous solutions.)  
*d* Feststoffgehalt *m*  
*f* teneur *f* en extrait sec  
*p* teor *m* seco
- 5718 solid dosage form**  
 (Prod.)  
 (Pharmaceutical technology; characteristic of a final pharmaceutical product form.)  
*d* feste Dosierungsform *f*  
*f* forme *f* de dosage solide  
*p* forma *f* de dosagem sólida
- 5719 solid drugs**  
 (Prod.)  
 (Pharmaceutical technology; ref. to characteristics of certain pharmaceutical forms; e.g. of vitamin preparations.)  
*d* Arzneimittel *npl* in fester Form  
*f* médicaments *mpl* solides  
*p* medicamentos *mpl* sólidos
- 5720 solidification of a dispersion**  
 (Prod.)  
 (Pharmaceutical chemistry; ref. to dispersion defect, dispersion research.)  
*d* Erstarrung *f* einer Dispersion; Festwerden *n*
- einer Dispersion  
*f* solidification *f* d'une dispersion  
*p* solidificação *f* de uma dispersão
- 5721 solidification point of the excipient**  
 (Prod.)  
 (Pharmaceutical chemistry.)  
*d* Erstarrungspunkt *m* der Trägersubstanz  
*f* point *m* de solidification de l'excipient  
*p* ponto *m* de solidificação do excipiente
- 5722 solid-liquid extraction**  
 (Enz.)  
 (Biotechnology; a lixiviation process; selective separation of certain substances out of solid mixtures by means of a solvent; ex.: production of edible oils from oil-containing fruits.)  
*d* Fest-Flüssige-Extraktion *f*  
*f* extraction *f* solide-liquide  
*p* extração *f* sólida-liquida
- 5723 solid medicamentous substance**  
 (Prod.)  
 (Pharmaceutical chemistry; active principle.)  
*d* feste medikamentöse Substanz *f*  
*f* substance *f* médicamenteuse solide  
*p* substância *f* medicamentosa sólida
- \* **solid medicinal drug in powdery state** → **5726**
- 5724 solid multivitamin preparation**  
 (Vit.)  
 (Vitamin technology; a vitamin preparation type in pharmacy.)  
*d* feste Multivitaminprodukte *npl*; feste Multivitaminpräparate *npl*  
*f* préparations *fppl* multivitaminées solides  
*p* preparados *mpl* multivitaminados sólidos
- 5725 solid pharmaceutical carrier**  
 (Prod.)  
 (Pharmaceutical technology; e.g. powders; certain pasty excipients.)  
*d* fester pharmazeutische Wirkstoffträger *m*  
*f* véhicule *m* pharmaceutique solide  
*p* veículo *m* farmacêutico sólido
- 5726 solid powdery medicament; solid medicinal drug in powdery state**  
 (Prod.)  
 (Pharmaceutical chemistry; ref. to characteristics of medicamentous forms.)  
*d* festes pulveriges Arzneimittel *n*; pulverförmiges Medikament *n* in fester Form

- f* médicament *m* solide pulvèrent  
*p* medicamento *m* sólido pulvéreo;  
 medicamento *m* sólido em estado de pó
- 5727 solid state**  
 (Prod.)  
 (Pharmaceutical technology: product characteristics.)  
*d* Festkörperzustand *m*  
*f* état *m* solide  
*p* estado *m* sólido
- 5728 solid tableting**  
 (Prod.)  
 (Pharmaceutical technology; certain method of tablet production, e.g. of vitamin tablets.)  
*d* Direkttablettierung *f*  
*f* compression *f* directe de comprimés  
*p* compressão *f* direta de comprimidos
- 5729 solid vitamin preparation**  
 (Vit.)  
 (Solid or liquid vitamin drug form depends on the individual vitamin stability.)  
*d* festförmiges Vitaminprodukt *n*; festförmiges Vitaminpräparat *n*  
*f* préparation *f* vitaminique solide  
*p* preparado *m* vitamínico sólido
- \* **solubilise** → 2049
- 5730 solubility as physico-chemical constitution**  
 (Prod.)  
 (Pharmaceutical technology; ref. to the physico-chemical characteristics of substances forming a medicament.)  
*d* Löslichkeit *f* als physikochemische Beschaffenheit  
*f* solubilité *f* comme constitution physico-chimique  
*p* solubilidade *f* como constituição físico-química
- 5731 solubility in conventional solvents**  
 (Prod.)  
 (Pharmaceutical technology; ref. to product characteristic.)  
*d* Löslichkeit *f* in konventionellen Lösungsmitteln; Löslichkeit *f* in herkömmlichen Lösungsmitteln  
*f* solubilité *f* dans des solvants conventionnels  
*p* solubilidade *f* em solventes convencionais
- 5732 solubility increase of the active substance**  
 (Prod.)  
 (Pharmaceutical technology.)  
*d* Löslichkeitserhöhung *f* des Wirkstoffes
- f* augmentation *f* de la solubilité du principe actif  
*p* aumento *m* da solubilidade do princípio ativo
- 5733 solubility in solvents**  
 (Prod.)  
 (Pharmaceutical technology; ref. to auxiliaries in production.)  
*d* Löslichkeit *f* in Lösungsmitteln; Lösbarkeit *f* in Lösungsmitteln  
*f* solubilité *f* dans des solvants  
*p* solubilidade *f* nos solventes
- 5734 solubility in water**  
 (Prod.)  
 (Ref. to auxiliaries in pharmaceutical processes/production: product characteristic.)  
*d* Löslichkeit *f* in Wasser; Lösbarkeit *f* in Wasser  
*f* solubilité *f* dans l'eau  
*p* solubilidade *f* na água
- 5735 solubility of tablet coatings**  
 (Prod.)  
 (Pharmaceutical technology: ref. to tablet-production: a film-coating characteristic.)  
*d* Löslichkeit *f* von Tablettenüberzügen  
*f* solubilité *f* du revêtement des comprimés  
*p* solubilidade *f* do revestimento dos comprimidos
- 5736 solubility of the tablet granulation mixture containing the active substance**  
 (Prod.)  
 (Pharmaceutical technology; ref. to tableting processes.)  
*d* Löslichkeit *f* der Tablettengranulatsmischung, welche aktive Substanz enthält  
*f* solubilité *f* du mélange de granulation des comprimés contenant la substance active  
*p* solubilidade *f* da mistura de granulação dos comprimidos contendo a substância ativa
- 5737 solubilization**  
 (Prod.)  
 (Pharmaceutical technology.)  
*d* Solubilisierung *f*; Löslichmachung *f*  
*f* solubilisation *f*  
*p* solubilização *f*
- 5738 solubilization of active substances by polyvinylpyrrolidone**  
 (Prod.)  
 (Pharmaceutical technology; example of application of PVP.)  
*d* Solubilisierung *f* von Wirkstoffen durch Polyvinylpyrrolidon; Löslichmachung *f* von Wirkstoffen durch Polyvinylpyrrolidon

- f* solubilisation *f* de principes actifs par le polyvinylpyrrolidone  
*p* solubilização *f* de princípios ativos pela polivinilpirrolidona
- 5739 solubilization of lipophilic vitamins**  
 (Vit.)  
 (Vitamin technology; ref. to production techniques.)  
*d* Solubilisierung *f* von fettlöslichen Vitaminen; Löslichmachung *f* fettlöslicher Vitamine  
*f* solubilisation *f* des vitamines lipophiles  
*p* solubilização *f* das vitaminas lipofílicas
- 5740 solubilized vitamins**  
 (Vit.)  
 (Vitamin technology.)  
*d* löslichgemachte Vitamine *npl*  
*f* vitamines *fpl* solubilisées  
*p* vitaminas *fpl* solubilizadas
- 5741 solubilizer**  
 (Prod.)  
 (Pharmaceutical technology; auxiliary.)  
*d* Lösungsvermittler *m*  
*f* solubilisant *m*  
*p* solubilizante *m*
- 5742 solubilizer concentration**  
 (Prod.)  
 (Pharmaceutical technology; ref. to the elaboration of solutions etc.)  
*d* Lösungsvermittler-Konzentration *f*; Konzentration *f* des Lösungsvermittlers  
*f* concentration *f* du solubilisant  
*p* concentração *f* do solubilizante
- 5743 solubilizer in liquid dosage forms**  
 (Prod.)  
 (Pharmaceutical technology; ref. to certain auxiliaries, as e.g. PVP grades.)  
*d* Lösungsvermittler *m* für flüssige Dosierungsformen; Lösungsvermittler *m* in flüssigen Dosierungsformen  
*f* solubilisant *m* pour des formes de dosage liquides  
*p* solubilizante *m* em formas de dosagem líquidas
- 5744 solubilizer in vitamin solutions**  
 (Vit.)  
 (Vitamin technology, production process auxiliary.)  
*d* Lösungsvermittler *m* in Vitaminlösungen  
*f* solubilisant *m* dans des solutions vitaminiques  
*p* solubilizante *m* em soluções de vitaminas;
- solubilizador *m* em soluções de vitaminas
- 5745 soluble active substances**  
 (Vit.)  
 (Vitamin technology in pharmaceutical production; product characteristic of vitamins.)  
*d* lösliche Wirkstoffe *mpl*  
*f* principes *mpl* actifs solubles  
*p* princípios *mpl* ativos solúveis
- 5746 soluble binder**  
 (Prod.)  
 (Pharmaceutical technology obtainable with the use of certain PVP types.)  
*d* lösliches Bindemittel *n*  
*f* liant *m* soluble  
*p* ligante *m* solúvel
- 5747 soluble colouring agent**  
 (Prod.)  
 (Auxiliary in pharmaceutical technology: tablet dyeing.)  
*d* löslicher Farbstoff *m*  
*f* colorant *m* soluble; matière *f* colorante soluble  
*p* corante *m* solúvel
- 5748 soluble films**  
 (Prod.)  
 (Pharmaceutical technology; ref. to tablet-production: a film-coating type.)  
*d* lösliche Dünnschichtüberzüge *mpl*  
*f* pellicules *fpl* solubles  
*p* películas *fpl* solúveis
- 5749 soluble in alcohol; alcohol-soluble** *adj*  
 (Vit.)  
 (Vitamin technology.)  
*d* alkohollöslich; löslich in Alkohol  
*f* alcoolosoluble; soluble dans l'alcool  
*p* solúvel em álcool
- 5750 soluble** *adj* **in all proportions**  
 (Prod.)  
 (Pharmaceutical technology; product characteristic.)  
*d* löslich in jedem Größenverhältnis  
*f* soluble dans de tous les proportions  
*p* solúvel em todas as proporções
- 5751 soluble** *adj* **in digestive juice; soluble** *adj* **in gastric juice**  
 (Prod.)  
 (Ref. to certain substances in pharmaceutical auxiliary preparations, e.g. tablet film-coatings.)  
*d* löslich im Verdauungssaft; löslich im Magensaft

- f* soluble dans le suc digestif; soluble dans le suc gastrique  
*p* solúvel no suco digestivo; solúvel no suco gástrico
- \* **soluble** *adj* in gastric juice → 5751
- 5752 soluble polyvinylpyrrolidone**  
 (Prod.)  
 (Pharmaceutical technology; ref. to certain PVP types: auxiliary in pharmaceutical tablet production.)  
*d* lösliches Polyvinylpyrrolidon *n*  
*f* polyvinylpyrrolidone *f* soluble  
*p* polivinilpirrolidona *f* solúvel
- 5753 soluble polyvinylpyrrolidone in sugar-coating suspensions**  
 (Prod.)  
 (Pharmaceutical technology; ref. to the use of an auxiliary in tableting processes.)  
*d* lösliches Polyvinylpyrrolidon *n* in Zuckerfilmüberzugssuspensionen  
*f* polyvinylpyrrolidone *f* soluble dans des suspensions d'enrobage à sucre  
*p* polivinilpirrolidona *f* solúvel em suspensões de revestimentos à base de açúcar
- 5754 soluble products**  
 (Vit.)  
 (Vitamin technology.)  
*d* lösliche Produkte *npl*  
*f* produits *mpl* solubles  
*p* produtos *mpl* solúveis
- 5755 soluble vitamin products**  
 (Vit.)  
 (Vitamin technology.)  
*d* lösliche Vitamin-Produkte *npl*  
*f* produits *mpl* vitaminiques solubles  
*p* produtos *mp* solúveis à base de vitaminas
- 5756 solute**  
 (Prod.)  
 (Pharmaceutical technology; the dissolved (and in this case: medicamentous) substance in a solution.)  
*d* Gelöste *n*; gelöste Stoffmenge *f*  
*f* soluté *m*  
*p* soluto *m*
- 5757 solution**  
 (Prod.)  
 (Pharmaceutical technology; product type, product state; homogeneous substance mixture of a liquid (solvent) and the dissolved substance (solute).)  
*d* Lösung *f*
- f* solution *f*  
*p* solução *f*
- 5758 solution concentration**  
 (Prod.)  
 (Pharmaceutical chemistry; ref. to the amount of a component in a determined volume.)  
*d* Lösungskonzentration *f*  
*f* concentration *f* d'une solution  
*p* concentração *f* de uma solução
- 5759 solution is sprayed briefly onto ...**  
 (Prod.)  
 (Pharmaceutical technology; e.g. in the production of dragées.)  
*d* Lösung *f* wird kurz aufgesprüht über ...  
*f* solution *f* est pulvérisée brièvement sur ...  
*p* solução *f* é pulverizada brevemente sobre ...
- 5760 solutions of higher concentration**  
 (Prod.)  
 (Pharmaceutical chemistry; product characteristic.)  
*d* Lösungen *fpl* hochgradigerer Konzentration  
*f* solutions *fpl* de concentrations plus hautes; solutions *fpl* de concentrations plus élevées  
*p* soluções *fpl* de concentrações mais elevadas
- 5761 solution turns again homogeneous**  
 (Prod.)  
 (Pharmaceutical technology; ref. to solutions.)  
*d* Lösung *f* wird erneut homogen  
*f* solution *f* redevient homogène  
*p* solução *f* torna-se novamente homogênea
- 5762 solvent**  
 (Prod.)  
 (Pharmaceutical technology.)  
*d* Lösungsmittel *n*  
*f* solvant *m*  
*p* solvente *m*
- 5763 solvent depends on the choice of the medicinal drug**  
 (Phyto.)  
 (Extract preparation.)  
*d* Lösungsmittel *n* hängt ab von der Arzneimittelwahl  
*f* solvant *m* est fonction de la drogue  
*p* solvente *m* depende da droga medicinal
- 5764 solvent extraction**  
 (Prod.)  
 (Pharmaceutical processes; selective separation of certain substances out of liquid mixtures by means of solvents.)  
*d* Solvent-Extraktion *f*; Flüssig-Flüssig-Extraktion *f*



- f* extraction *f* par solvant  
*p* extração *f* por solvente
- 5765 solvent for medicines**  
 (Prod.)  
 (Pharmaceutical technology.)  
*d* Lösungsmittel *n* für Medikamente;  
 Medikamenten-Lösungsmittel *n*  
*f* solvant *m* pour médicaments  
*p* solvente *m* para medicamentos
- 5766 solvent-free production process**  
 (Prod.)  
 (Pharmaceutical technology; process and  
 production.)  
*d* lösungsmittelfreier Produktionsprozess *m*  
*f* processus *m* de production exempte de  
 solvants  
*p* processo *m* de produção isento de solventes
- 5767 solvent-insoluble scleroprotein**  
 (Enz.)  
 (Enzymology; classification (solubility-)  
 criterion; a protein which is insoluble in most  
 of the solvents.)  
*d* lösungsmittelunlösliches Skleroprotein *n*  
*f* scléroprotéine *f* insoluble dans des solvants  
*p* escleroproteína *f* insolúvel nos solventes
- 5768 solvent power**  
 (Prod.)  
 (Pharmaceutical technology; processes;  
 solvent characteristic.)  
*d* Lösungskraft *f*  
*f* pouvoir *m* solvant; pouvoir *m* dissolvant  
*p* poder *m* solvente; força *f* dissolvente
- 5769 solvent residue**  
 (Prod.)  
 (Pharmaceutical processes/production: in  
 tableting processes etc.)  
*d* Lösungsmittelrückstand *m*  
*f* résidu *m* en solvants  
*p* resíduos *m* de solventes
- 5770 solvent used in pharmaceutical production**  
 (Prod.)  
 (Pharmaceutical technology; ref. to product  
 (solvent) characteristics.)  
*d* Lösungsmittel *n* zum Einsatz in der  
 pharmazeutischen Produktion  
*f* solvant *m* employé dans la production  
 pharmaceutique  
*p* solvente *m* para uso na produção farmacêutica
- 5771 somatostatin**  
 (Horm.)  
 (Esp. a hypothalamic neurohormone,  
 inhibiting the secretion of a couple of other  
 hormones, like e.g. insulin, gastrin and the  
 growth hormone; inhibits also hydrochloric  
 acid-production in the stomach.)  
*d* Somatostatin *n*  
*f* somatostatine *f*  
*p* somatostatina *f*
- 5772 somatostatin inhibits the secretion of the  
 growth hormones**  
 (Horm.)  
 (Hormone biochemistry; hormone  
 physiology.)  
*d* Somatostatin *n* hemmt die Ausschüttung der  
 Wachstumshormone  
*f* somatostatine *f* inhibe la sécrétion des  
 hormones de croissance  
*p* somatostatina *f* inibe a secreção dos  
 hormônios de crescimento
- 5773 somatostatin is a peptide hormone;  
 somatostatin is a peptidic hormone**  
 (Horm.)  
 (A hypothalamic neurohormone; see also  
 entry: somatostatin.)  
*d* Somatostatin *n* ist ein Peptidhormon  
*f* somatostatine *f* est une hormone peptidique  
*p* somatostatina *f* é um hormônio peptídico
- \* **somatostatin is a peptidic hormone →  
 5773**
- 5774 somatotrop[h]ic hormone**  
 (Horm.)  
 (Hormone of the anterior lobe of the  
 hypophysis, growth hormone.)  
*d* somatotropisches Hormon *n*  
*f* hormone *f* somatotrope  
*p* hormônio *m* somatotrópico
- 5775 somatotrop[h]in**  
 (Horm.)  
 (STH; SomatoTropic Hormone, anterior  
 hypophyseal (anterior pituitary) growth  
 hormone (GH); a protein hormone.)  
*d* Somatotropin *n*  
*f* somatotropine *f*; somatotrophine *f*; hormone *f*  
 somatotrope  
*p* somatotropina *f*; somatotrofina *f*
- 5776 somatotrop[h]in is a hormone of  
 polypeptidic structure**  
 (Horm.)  
 (Hormone biochemistry; hormone  
 physiology. STH; see also entry:  
 somatotropin; somatotrophin.)  
*d* Somatotropin *n* ist ein Hormon  
 polypeptidischer Struktur

- f* somatotrop[h]ine *f* est une hormone de structure polypeptidique
- p* somatotropina *f* é um hormônio de estrutura polipeptídica
- 5777 somatotrop[h]in release inhibiting factor**  
(Horm.)  
(STIF; ref. to the hypothalamic neurohormone called: somatostatin.)
- d* Hemmungsfaktor *m* der Somatotropin-Freisetzung
- f* facteur *m* inhibiteur de la libération de la somatotrop[h]ine
- p* fator *m* inibidor da liberação da somatotropina
- 5778 somatotrop[h]in, secreted by the anterior lobe of the pituitary gland**  
(Horm.)  
(See also entry: somatotropin; somatotrophin.)
- d* Somatotropin *n*, abgesondert von dem Hypophysenvorderlappen
- f* somatotrophine *f*, sécrétée par le lobe antérieur de l'hypophyse
- p* somatotrofina *f*, secretada pelo lobo anterior da hipófise
- 5779 somatotrop[h]in stimulates the protein assimilation**  
(Horm.)  
(Hormone biochemistry; hormone physiology. STH; growth hormone.)
- d* Somatotropin *n* regt das Assimilieren der Proteine an
- f* somatotrop[h]ine *f* stimule l'assimilation des protéines
- p* somatotropina *f* estimula a assimilação das proteínas
- 5780 somatotrop[h]in stimulates the tissue growth**  
(Horm.)  
(STH; growth hormone.)
- d* Somatotropin *n* stimuliert das Gewebswachstum
- f* somatotrop[h]ine *f* stimule la croissance des tissus
- p* somatotropina *f* estimula o crescimento dos tecidos
- 5781 soothen v the respiratory tract expelling by coughing up, mucus**  
(Med.)  
(Indication: expectorant: medicine promoting mucus expulsion from the respiratory track.)
- d* Atemwege beruhigen, indem man sie vom Schleim freihustet
- f* calmer les voies respiratoires en expectorant de mucus par la toux
- p* acalmar as vias respiratórias expectorando muco pela tosse
- 5782 soothe v pain; ease v pain**  
(Pharm.)  
(Ref. to the activity of active principles on diseases and the organism.)
- d* den Schmerz lindern
- f* atténuer la douleur; apaiser la douleur
- p* atenuar a dor; aliviar a dor
- \* **soporific** → 3321
- 5783 sorbic acid**  
(Vit.)  
(C<sub>6</sub>H<sub>8</sub>O<sub>2</sub>, in vitamin technology; e.g. used as a preservative in oral vitamin forms.)
- d* Sorbinsäure *f*
- f* acide *m* sorbique
- p* ácido *m* sórbico
- 5784 sorbitol**  
(Vit.)  
(Vitamin technology; C<sub>6</sub>H<sub>14</sub>O<sub>6</sub>; sorbit; increases vitamin absorption in vitamin preparations; sugar substitute in diet products for diabetics; auxiliary.)
- d* Sorbit *m*
- f* sorbitol *m*
- p* sorbitol *m*
- 5785 sorbose**  
(Vit.)  
(Vitamin technology; C<sub>6</sub>H<sub>12</sub>O<sub>6</sub>; use: in the production of vitamin C (ascorbic acid).)
- d* Sorbose *f*
- f* sorbose *m/f*
- p* sorbose *f*
- 5786 source of coenzyme-factor**  
(Vit.)  
(Ref. to vitamin B<sub>6</sub>.)
- d* Quelle *f* eines Coenzym-Faktors
- f* source *f* d'un facteur coenzymatique
- p* fonte *f* de um fator coenzimático
- 5787 sourdough bread example of biotechnically transformed products; leaven-raised bread example of biotechnically transformed products**  
(Enz.)  
(Product example for demonstration of biotechnical product transformation (by fermentation), already attainable in antiquity.)
- d* Sauerteigbrot *n* als Beispiel biotechnisch transformierter Produkte

- f* pain *m* au levain comme un exemple de produits transformés par voie biotechnique  
*p* pão *m* lêvedo como exemplo de produtos transformados por meios biotécnicos; pão *m* de massa lêveda como exemplo de produtos transformados por meios biotécnicos
- 5788 sparingly soluble in ...**  
 (Prod.)  
 (Pharmaceutical technology; ref. to production processes.)  
*d* wenig löslich in ...  
*f* peu soluble dans ...  
*p* pouco solúvel em ...
- 5789 spasmolytic**  
 (Prod.)  
 (Spasm relieving medicament for smooth muscles (unvoluntary muscles).)  
*d* Spasmolytikum *n*; krampflösendes Mittel *n*  
*f* spasmolytique *m*  
*p* espasmolítico *m*
- \* **spasmolytic** → 566
- 5790 spasmolytic effect**  
 (Pharm.)  
 (Pharmacodynamics; ref. e.g. to muscle spasm relieving medicament.)  
*d* spasmolytische Auswirkung *f*; krampflösender Effekt *m*  
*f* effet *m* spasmolytique  
*p* efeito *m* espasmolítico
- 5791 spasmolytic medicamentous principle**  
 (Prod.)  
 (Spasm relieving active principle.)  
*d* krampflösender Wirkstoff *m*; spasmolytischer Arzneistoff *m*  
*f* principe *m* médicamenteux spasmolytique  
*p* princípio *m* medicamentoso espasmolítico
- 5792 spasmophilia**  
 (Med.)  
 (Nervous superexcitation, e.g. due to certain trace element deficiency, e.g. magnesium.)  
*d* Spasmophilie *f*  
*f* spasmophilie *f*  
*p* espasmofilia *f*
- 5793 spatial arrangement of atoms**  
 (Mol.)  
 (Ref. to isomerism; e.g. see entry: stereoisomers.)  
*d* räumliche Anordnung *f* von Atomen  
*f* agencement *m* spatial des atomes  
*p* disposição *f* espacial dos átomos
- 5794 spatial structure of an enzyme**  
 (Enz.)  
 (Enzymology; ref. to a representational design of an enzyme.)  
*d* räumliche Struktur *f* eines Enzymes  
*f* structure *f* spatiale d'une enzyme  
*p* estrutura *f* espacial de um enzima
- 5795 special solvents for the pharmaceutical industry**  
 (Prod.)  
 (Pharmaceutical technology.)  
*d* spezielle Lösungsmittel *npl* für die pharmazeutische Industrie  
*f* solvants *mpl* spéciaux pour l'industrie pharmaceutique  
*p* solventes *mpl* especiais para a indústria farmacêutica
- 5796 specific action of a vitamin**  
 (Vit.)  
 (Vitamin physiology; e.g. ref. to metabolic processes.)  
*d* spezifische Wirkung *f* eines Vitamins  
*f* action *f* spécifique d'une vitamine  
*p* ação *f* específica de uma vitamina
- 5797 specific antagonist**  
 (Vit.)  
 (Vitamin technology; e.g. specific vitamin antagonist; substance with a specific opposite action.)  
*d* spezifischer Antagonist *m*  
*f* antagoniste *m* spécifique  
*p* antagonista *m* específico
- 5798 specifications**  
 (Prod.)  
 (Pharmaceutical technology; product specifications: a detailed precise description.)  
*d* Spezifikationen *fpl*  
*f* spécifications *fpl*  
*p* especificações *fpl*
- 5799 specific biochemical activity of a hormone**  
 (Horm.)  
 (E.g. ref. to hormonal influence in physiology.)  
*d* spezifische biochemische Hormon-Aktivität *f*  
*f* activité *f* biochimique spécifique d'une hormone  
*p* atividade *f* bioquímica específica de um hormônio
- 5800 specific biological function of a protein**  
 (Enz.)  
 (Enzymology; depending on the protein structure.)

- d* bestimmte biologische Funktion *f* eines Proteins  
*f* fonction *f* biologique déterminée d'une protéine  
*p* função *f* biológica determinada de uma proteína
- 5801 specific carrier protein of the vitamin**  
 (Vit.)  
 (Vitamin biochemistry/physiology; ref. to vitamin transfer/vitamin activity.)  
*d* spezifisches Trägerprotein *n* des Vitamins  
*f* protéine *f* porteuse spécifique de la vitamine  
*p* proteína *f* portadora específica da vitamina
- 5802 specific chemical structure of a medicament**  
 (Prod.)  
 (Pharmaceutical technology; ref. the preparation of a drug with the purpose of obtaining specific effects in the living systems.)  
*d* spezifischer chemischer Aufbau *m* eines Arzneimittels  
*f* structure *f* chimique spécifique d'un médicament  
*p* estrutura *f* química específica de um medicamento
- 5803 specific deficiency**  
 (Med.)  
 (E.g. in vitamins.)  
*d* spezifischer Mangel *m*  
*f* carence *f* spécifique  
*p* carência *f* específica
- 5804 specific deficiency of a vitamin**  
 (Vit.)  
 (Ref. to specific metabolic diseases related to certain vitamin deficiencies; not always determinable.)  
*d* spezifischer Vitaminmangel *m*  
*f* carence *f* spécifique d'une vitamine  
*p* carência *f* específica de uma vitamina
- 5805 specific enzymatic activity**  
 (Enz.)  
 (Ref. to enzyme biochemistry.)  
*d* spezifische enzymatische Aktivität *f*;  
 spezifische enzymatische Wirkung *f*  
*f* activité *f* spécifiquement enzymatique  
*p* atividade *f* especificamente enzimática
- 5806 specific enzyme**  
 (Enz.)  
 (Enzymology.)  
*d* spezifisches Enzym *n*
- f* enzyme *m* spécifique  
*p* enzima *f* específica
- 5807 specific heat**  
 (Mol.)  
 (Ref. to required calories to increase temperature of one gram of a chemical substance by one degree Celsius.)  
*d* spezifische Wärme *f*; Artwärme *f*  
*f* chaleur *f* spécifique  
*p* calor *m* específico
- 5808 specific heat capacity**  
 (Mol.)  
 (Same as: specific heat (see entry); formula: *c*; heat necessary for increasing temperature of 1 kg of a chemical substance by 1 Kelvin; [*c*]=J/kgK.)  
*d* spezifische Wärmekapazität *f*  
*f* capacité *f* de chaleur massique  
*p* capacidade *f* calorífica específica; capacidade *f* térmica específica
- 5809 specific humidity of the air**  
 (Prod.)  
 (Pharmaceutical technology; g of vapour per 1 kg of humid air; see also entry: absolute humidity.)  
*d* spezifische Luftfeuchtigkeit *f*; spezifische Feuchte *f*  
*f* humidité *f* spécifique de l'air  
*p* umidade *f* específica do ar
- 5810 specific intermediate**  
 (Enz.)  
 (Enzymology; ref. to enzyme activity.)  
*d* spezifischer Vermittler *m*  
*f* intermédiaire *m* spécifique  
*p* intermediário *m* específico
- 5811 specificity of action**  
 (Prod.)  
 (Pharmaceutical technology; ref. to structure modification of medical drugs.)  
*d* Spezifität *f* der Wirkung;  
 Wirkungsspezifität *f*  
*f* spécificité *f* d'action  
*p* especificidade *f* de ação
- 5812 specificity of an enzyme**  
 (Enz.)  
 (Enzymology; ref. to the participation in only very few catalytic processes.)  
*d* Enzymspezifität *f*  
*f* spécificité *f* d'une enzyme  
*p* especificidade *f* de uma enzima

- 5813 specificity of catalytic reaction**  
(Enz.)  
(Ref. to enzyme (esp. coenzyme)-dependent intervention.)  
*d* Spezifizität *f* der katalytischen Reaktion  
*f* spécificité *f* de la réaction catalytique  
*p* especificidade *f* da reação catalítica
- 5814 specificity of hormone interaction**  
(Horm.)  
(Ref. to the specificity and affinity of hormone activity.)  
*d* Spezifizität *f* der hormonellen Interaktion; Spezifizität *f* der hormonellen Zwischenwirkung *f*  
*f* spécificité *f* de l'interaction hormonelle  
*p* especificidade *f* da interação hormonal
- 5815 specificity of the metallic cation**  
(Vit.)  
(Ref. to vitamin/enzyme biochemistry.)  
*d* Spezifizität *f* des Metallkations  
*f* spécificité *f* du cation métallique  
*p* especificidade *f* do cátion metálico
- 5816 specific pharmacodynamic property of the vitamin**  
(Vit.)  
(Vitamin biochemistry/physiology; vitamins in therapeutics.)  
*d* spezifische pharmakodynamische Eigenschaft *f* des Vitamins  
*f* propriété *m* pharmacodynamique spécifique de la vitamine  
*p* propriedade *f* farmacodinâmica específica da vitamina
- 5817 specific pharmacologic action of a medicamentous substance**  
(Pharm.)  
(Pharmaceutical chemistry; organ-specific, organ-directed action of an active principle.)  
*d* spezifische pharmakologische Wirkung *f* einer medikamentösen Substanz  
*f* action *f* spécifique pharmacologique d'une substance médicamenteuse  
*p* ação *f* específica farmacológica de uma substância medicamentosa
- 5818 specific pharmacologic target**  
(Pharm.)  
(Pharmaceutical technology; ref. to research and development of active principles, of drugs.)  
*d* spezifisches pharmakologisches Ziel *n*  
*f* cible *m* spécifique pharmacologique  
*p* alvo *m* específico farmacológico
- 5819 specific pressure**  
(Prod.)  
(Pharmaceutical processes; ref. to processing activities; pressure expressed in kg/surface unit.)  
*d* spezifischer Druck *m*  
*f* pression *f* spécifique  
*p* pressão *f* específica
- 5820 specific protein-kinases**  
(Enz.)  
(Specific to each of the signalisation trajects used by the membrane receptors.)  
*d* spezifische Proteinkinasen *fpl*  
*f* protéine-kinases *fpl* spécifiques  
*p* proteíno-quinases *fpl* específicas
- 5821 specific protein-vector of the vitamin**  
(Vit.)  
(Ref. to some vitamins: the vector is the specific vehicle conducting the vitamin within the organism.)  
*d* Protein *n* als spezifischer Vitamin-Träger  
*f* protéine *f* vectrice spécifique de la vitamine  
*p* vector *m* proteico específico da vitamina
- 5822 specific receptor of the target cells**  
(Horm.)  
(Ref. to cells with its receptor to which is directed the specific biochemical activity, e.g. of a hormone etc.)  
*d* spezifischer Rezeptor *m* der Zielzelle; spezifischer Rezeptor *m* der Empfängerzelle  
*f* récepteur *m* spécifique de la cellule-cible  
*p* receptor *m* específico da célula-alvo
- 5823 specific structural feature of an active principle**  
(Pharm.)  
(Pharmacodynamic characteristic of the drug for targeted activity in the organism.)  
*d* bestimmtes strukturelles Merkmal *n* eines Wirkstoffes  
*f* caractère *m* spécifique structural d'un principe actif  
*p* caráter *m* específico estrutural de um princípio ativo
- 5824 specific surface area**  
(Prod.)  
(Pharmaceutical technology; ref. to material characteristic.)  
*d* spezifische Oberfläche *f*  
*f* surface *f* spécifique  
*p* superfície *f* específica

- 5825 specific synthetases**  
(Enz.)  
(Enzymology. Also: specific ligase; enzymes catalyzing the linkage of two molecules under certain conditions.)  
*d* spezifische Synthetasen *fpl*  
*f* synthétases *fpl* spécifiques  
*p* sintetases *fpl* específicas
- 5826 specific target tissue**  
(Horm.)  
(E.g. activity-site of certain hormones.)  
*d* spezifisches Zielgewebe *n*  
*f* tissu *m* cible spécifique  
*p* tecido-alvo *m* específico
- 5827 specific vitamin B<sub>12</sub>-binding protein as intrinsic factor**  
(Vit.)  
(Vitamin physiology: cyanocobalamin; see also entry: intrinsic factor.)  
*d* spezifisches Vitamin B<sub>12</sub>-bindendes Protein *n* als Intrinsic-Faktor; spezifisches Vitamin B<sub>12</sub>-bindendes Protein *n* als intrinsischer Faktor  
*f* protéine *f* spécifique liante la vitamine B<sub>12</sub> comme facteur intrinsèque  
*p* proteína *f* específica ligante da vitamina B<sub>12</sub> como fator intrínseco
- 5828 specific weight**  
(Prod.)  
(Pharmaceutical technology; density.)  
*d* spezifisches Gewicht *n*  
*f* poids *m* volumique  
*p* peso *m* específico
- 5829 spectrum**  
(Ant.)  
(Activity/action-range of antibiotics.)  
*d* Spektrum *n*  
*f* spectre *m*  
*p* espectro *m*
- 5830 spectrum of action of an antibiotic; range of activity of an antibiotic**  
(Ant.)  
(Ref. to the range of antibiotic effectiveness; e.g. see entry: broad spectrum antibiotic.)  
*d* Wirkungsspektrum *n* eines Antibiotikums  
*f* spectre *m* d'action d'un antibiotique; champ *m* d'action d'un antibiotique  
*p* espectro *m* de ação de um antibiótico; espectro *m* antibiótico
- \* **speedwell** → 6663
- 5831 sphere of vitamin activity**
- (Vit.)  
(Vitamin physiology; ref. to the vitamin activity within the body, i.e. in the cells, tissues, membranes etc.)  
*d* Wirkungsbereich *m* der Vitamine  
*f* zone *f* d'action des vitamines  
*p* região *f* de ação das vitaminas
- 5832 spherical particles**  
(Prod.)  
(Pharmaceutical technology; ref. to certain vitamin powders.)  
*d* sphärische Teilchen *npl*; kugelförmige Teilchen *npl*  
*f* particules *fpl* sphériques  
*p* partículas *fpl* esféricas
- 5833 sphincter**  
(Anat.)  
(An orifice-surrounding ring muscle, e.g. anal sphincter.)  
*d* Schließmuskel *m*  
*f* phincter *m*  
*p* esfínter *m*
- 5834 spin quantum number**  
(Mol.)  
(Indicating the spin (+1/2 or -1/2) of the individual electron.)  
*d* Spinquantenzahl *f*; Zahl *f* des Eigendrehimpulses  
*f* nombre *m* quantique de spin  
*p* número *m* quântico de spin
- 5835 spleen**  
(Anat.)  
(Activity: e.g. blood filtration and storage.)  
*d* Milz *f*  
*f* rate *f*  
*p* baço *m*
- 5836 split v (lengthwise)**  
(Prod.)  
(Ref. e.g. to wood, solid material.)  
*d* spalten (der Länge nach)  
*f* fendre (dans le sens de la longueur)  
*p* fender; rachar (no sentido do comprimento)
- \* **split off** → 1348
- 5837 split v off a constituent from a chemical compound**  
(Prod.)  
(Pharmaceutical technology; example of the verb: split off as "abspalten", in German: not "aufspalten".)  
*d* von einer chemischer Verbindung einen Bestandteil abspalten

- f* détacher par fendage un constituant d'un composé chimique  
*p* partir uma parte constituente do composto químico
- 5838 split tablet; tablet with a split**  
 (Prod.)  
 (Pharmaceutic technology; a pharmaceutical (tablet) presentation form.)  
*d* gespaltene Tablette *f*; Tablette *f* mit einem Spalt  
*f* comprimé *m* sillonné; comprimé *m* à rainure  
*p* comprimido *m* sulcado; comprimido *m* com ranhura
- 5839 spongy gums**  
 (Vit.)  
 (Vitamin deficiencies as. e.g. vitamin C hipovitaminosis, lack of folic acid etc cause various illnesses of the gums.)  
*d* schwammiges Zahnfleisch *n*  
*f* gengives *fpl* spongieuses  
*p* gengivas *fpl* esponjosas; gengivas *fpl* esponjosas
- 5840 spontaneous evaporation**  
 (Prod.)  
 (In pharmaceutical chemistry; mostly an undesirable occurrence.)  
*d* spontane Verdunstung *f*; von selbst ausgelöste Verdunstung *f*  
*f* évaporation *f* spontanée  
*p* evaporação *f* espontânea
- 5841 spontaneously increased chromosomal fragility**  
 (Cyt.)  
 (In anaemia, ref. to genetic errors in enzyme activity.)  
*d* spontan erhöhte Chromosomenbrüchigkeit *f*; spontan erhöhte Chromosomenzerbrechlichkeit *f*  
*f* fragilité *f* chromosomique augmentée spontanément  
*p* fragilidade *f* cromossômica espontaneamente aumentada
- 5842 spray-cooling process**  
 (Vit.)  
 (Vitamin technology in the production of vitamin dry powders.)  
*d* Sprühkühlungsprozess *m*  
*f* processus *m* de refroidissement à ruissellement  
*p* processo *m* de resfriamento por pulverização
- 5843 spray-dried *adj* with gelatin[e]**  
 (Prod.)  
 (Pharmaceutical technology.)  
*d* mit Gelatine sprühgetrocknet  
*f* séché par atomisation avec de gelatine  
*p* seco por pulverização com gelatina
- 5844 spray-dried powder**  
 (Prod.)  
 (Pharmaceutical technology; product characteristics, e.g. of auxiliaries.)  
*d* sprühgetrocknetes Pulver *n*  
*f* poudre *f* séchée par atomisation  
*p* pó *m* seco por spray-drying; pó *m* seco por atomização
- 5845 spray-dried soluble polyvinylpyrrolidone**  
 (Prod.)  
 (Pharmaceutical technology; production-process technology.)  
*d* sprühgetrocknetes lösliches Polyvinylpyrrolidon *n*  
*f* polyvinylpyrrolidone *f* séchée par atomisation  
*p* polivinilpirrolidona *f* seca por pulverização
- 5846 spray-dried vitamin powder**  
 (Vit.)  
 (Vitamin technology; e.g. vitamin E acetate dry powder.)  
*d* sprühgetrocknetes Vitaminpulver *n*  
*f* poudre *f* vitaminique séchée par atomisation  
*p* pó *m* vitamínico seco pelo processo de pulverização
- 5847 spray-drying technology**  
 (Prod.)  
 (Pharmaceutical technology; production-process technology.)  
*d* Sprüh-Trocknungstechnologie *f*; Technologie *f* der Sprühtrocknung  
*f* technologie *f* de séchage par atomisation  
*p* tecnologia *f* da secagem por pulverização
- 5848 spray-embedded preparation**  
 (Prod.)  
 (Pharmaceutical technology and processes.)  
*d* sprüh-eingebettetes Präparat *n*; Präparat *n* eingebettet im Sprühverfahren  
*f* préparation *f* enrobée à spray; préparation *f* enrobée par atomisation  
*p* preparação *f* embutida a spray; preparação *f* revestida a spray
- 5849 spread *v* the solution**  
 (Prod.)  
 (Pharmaceutical technology.)  
*d* Lösung gleichmäßig ausgießen  
*f* étaler la solution  
*p* esparramar a solução

- 5850 spread v the solution uniformly**  
(Prod.)  
(Pharmaceutical technology.)  
*d* Lösung gleichmäßig ausgießen  
*f* étaler la solution uniformément  
*p* esparramar a solução de modo uniforme
- (Supposed to be positively influenced by fat-soluble vitamins.)  
*d* Stabilität *f* der Zellmembranen  
*f* stabilité *f* des membranes cellulaires  
*p* estabilidade *f* das membranas celulares
- 5851 sprinkle v; dust v**  
(Prod.)  
(Pharmaceutical technology: e.g. cover with starch, sugar etc, in product processes.)  
*d* bestreuen  
*f* saupoudrer  
*p* polvilhar
- 5857 stability of the pure chemical product**  
(Prod.)  
(Pharmaceutical technology.)  
*d* Stabilität *f* des chemischen Reinproduktes  
*f* stabilité *f* du produit chimique pure;  
stabilité *f* de la substance chimique pure  
*p* estabilidade *f* do produto químico puro
- 5852 sprue syndrome**  
(Vit.)  
(Small intestine disease; nutritional absorption deficiency of vitamin B, D, K.)  
*d* Sprue-Syndrom *n*  
*f* syndrome *m* de la sprue  
*p* síndrome *f* de espru
- 5858 stability prediction**  
(Prod.)  
(Pharmaceutical technology: ref. to the stability-period of products and/or preparations etc.)  
*d* Stabilitätsvoraussage *f*  
*f* prédiction *f* de la stabilité  
*p* previsão *f* da estabilidade
- \* spurred rye → 2407
- 5853 stability after processing into vitamin tablets**  
(Vit.)  
(Vitamin technology.)  
*d* Stabilität *f* nach Verarbeitung in Vitamintabletten  
*f* stabilité *f* après des procédés en faisant entrer dans des comprimés vitaminiques  
*p* estabilidade *f* após processamento para dentro dos comprimidos vitamínicos
- 5859 stability problem**  
(Vit.)  
(Vitamin technology; ref. in this case to vitamin-preparation production.)  
*d* Stabilitätsproblem *n*  
*f* problème *m* de stabilité  
*p* problema *m* de estabilidade
- 5854 stability of aqueous biotin solutions**  
(Vit.)  
(Vitamin technology.)  
*d* Stabilität *f* wässriger Biotinlösungen  
*f* stabilité *f* de solutions aqueuses de la biotine  
*p* estabilidade *f* de soluções de biotina aquosas
- 5860 stability problem of vitamins**  
(Vit.)  
(Vitamin technology; ref. to vitamin-preparation production.)  
*d* Stabilitätsproblem *n* der Vitamine  
*f* problème *m* de stabilité des vitamines  
*p* problema *m* de estabilidade das vitaminas
- 5855 stability of auxiliaries in finished pharmaceutical products**  
(Prod.)  
(Pharmaceutical technology.)  
*d* Stabilität *f* der Hilfsmittel in fertigen pharmazeutischen Produkten  
*f* stabilité *f* des agents auxiliaires dans des produits pharmaceutiques finis  
*p* estabilidade *f* dos produtos auxiliares em produtos farmacêuticos finais
- 5861 stability test**  
(Prod.)  
(Pharmaceutical technology.)  
*d* Stabilitätstest *m*  
*f* essai *m* de la stabilité  
*p* teste *m* de estabilidade
- 5856 stability of cell membrane**  
(Med.)
- 5862 stabilization by destruction of the enzymes in plant prime material**  
(Phyto.)  
(Ref. to prime material processing for stabilization purposes in phytopharmacy.)  
*d* Stabilisierung *f* durch Zerstörung der Enzyme der pflanzlichen Rohstoffe  
*f* stabilisation *f* par destruction des enzymes des matières premières végétales  
*p* estabilização *f* pela destruição das enzimas das matérias primas vegetais



- 5863 stabilization by reversible transformation of a biochemical system**  
(Enz.)  
(Enzymology; ref. to the "inhibition of the activity of enzymatic systems", see entry; example of upper mentioned reversible transformation: pasteurization.)
- d* Stabilisierung *f* durch umkehrbare Umwandlung eines biochemischen Systems; Stabilisierung *f* durch reversible Umwandlung eines biochemischen Systems
- f* stabilisation *f* par la transformation réversible d'un système biochimique
- p* estabilização *f* pela transformação reversível de um sistema bioquímico
- 5864 stabilization by separation of the enzymes and the active principles**  
(Enz.)  
(Ref. to conservation processes in pharmaceutical chemistry, to eliminate enzymatic processes of interaction between substances.)
- d* Stabilisierung *f* durch Trennung der Enzyme und der Wirkstoffe
- f* stabilisation *f* par séparation des enzymes et des principes actifs
- p* estabilização *f* pela separação das enzimas e dos princípios ativos
- 5865 stabilization effect on the cell membrane of vitamin E**  
(Vit.)  
(Vitamin physiology, alpha-tocopherol property.)
- d* Stabilisierungseffekt *m* der Zellmembrane seitens des Vitamins E
- f* activité *f* stabilisatrice de la membrane cellulaire par la vitamine E
- p* atividade *f* estabilizadora da membrana celular pela vitamina A
- 5866 stabilization effect on vitamins**  
(Vit.)  
(Vitamin technology; ref. to certain auxiliaries.)
- d* Stabilisierungswirkung *f* an Vitaminen
- f* effet *m* de stabilisation sur des vitamines
- p* efeito *m* de estabilização em vitaminas
- 5867 stabilization of ascorbic acid in solution**  
(Vit.)  
(Vitamin technology. ref. to vitamin C-stabilization: L-ascorbic acid: C<sub>6</sub>H<sub>8</sub>O<sub>6</sub>.)
- d* Stabilisierung *f* von Ascorbinsäure in Lösung
- f* stabilisation *f* de l'acide ascorbique en solution
- p* estabilização *f* de ácido ascórbico em solução
- 5868 stabilization of coating suspension**  
(Prod.)  
(Pharmaceutical technology: ref. to auxiliary products (e.g. PVP) favouring this effect.)
- d* Stabilisierung *f* der Filmbildnersuspension; Stabilisierung *f* der Überzugssuspension
- f* stabilisation *f* de la suspension d'enrobage
- p* estabilização *f* da suspensão formadora de filme
- 5869 stabilization of enzymes**  
(Enz.)  
(Enzymology; ref. to complexation techniques with certain auxiliaries.)
- d* Enzymstabilisierung *f*
- f* stabilisation *f* des enzymes
- p* estabilização *f* de enzimas
- 5870 stabilization of the active principle**  
(Prod.)  
(Pharmaceutical technology: e.g. ref. to the "conservation of a medicament; preservation of a medicinal drug", see this entry.)
- d* Stabilisierung *f* des Wirkstoffes
- f* stabilisation *f* du principe actif
- p* estabilização *f* da princípio ativo
- 5871 stabilization of vitamins**  
(Vit.)  
(Vitamin technology.)
- d* Vitaminstabilisierung *f*
- f* stabilisation *f* des vitamines
- p* estabilização *f* de vitaminas
- 5872 stabilization of vitamins in solution**  
(Vit.)  
(Vitamin technology.)
- d* Stabilisierung *f* von Vitaminen in Lösungsform
- f* stabilisation *f* des vitamines en solution
- p* estabilização *f* de vitaminas em solução
- 5873 stabilization phase of a disease**  
(Med.)  
(Ref. to treatment type/period, including the application of lesser active principles in a combination; see entry: initial phase of a treatment.)
- d* Stabilisierungsphase *f* einer Krankheit
- f* phase *f* de stabilisation d'une maladie
- p* fase *f* de estabilização de uma doença
- 5874 stabilized vitamin powder**  
(Vit.)  
(Vitamin technology. A vitamin presentation form.)

- d* stabilisiertes Vitaminpulver *n*  
*f* poudre *f* vitaminique stabilisée  
*p* pó *m* estabilizado de vitamina
- 5875 stabilizer**  
 (Prod.)  
 (Pharmaceutical processes; auxiliary in pharmaceutical production.)  
*d* Stabilisator *m*  
*f* stabilisant *m*  
*p* estabilizador *m*
- 5876 stabilizers for antibiotic suspensions**  
 (Prod.)  
 (Pharmaceutical technology; e.g. PVP (polyvinylpyrrolidone).)  
*d* Stabilisatoren *mpl* für Antibiotika-Suspensionen  
*f* stabilisants *mpl* pour suspensions d'antibiotiques  
*p* estabilizadores *mpl* para suspensões de antibióticos
- 5877 stabilizing action; stabilizing effect**  
 (Vit.)  
 (Vitamin technology; ref. in this case to vitamin production.)  
*d* Stabilisierungswirkung *f*;  
 Stabilisierungseffekt *m*; stabilisierender Wirkungserfolg *m*  
*f* action *f* de stabilisation; effet *m* de stabilisation  
*p* ação *f* estabilizadora; efeito *m* estabilizador  
 \* **stabilizing action of an inert gas** → 5879
- 5878 stabilizing auxiliary**  
 (Prod.)  
 (Pharmaceutical technology: auxiliary which prevents modifications in the medium.)  
*d* Stabilisierungsmittel *n*  
*f* adjuvant *m* stabilisant  
*p* auxiliar *m* estabilizador  
 \* **stabilizing effect** → 5877
- 5879 stabilizing effect of an inert gas; stabilizing action of an inert gas**  
 (Vit.)  
 (Vitamin technology; e.g. carbon dioxide (CO<sub>2</sub>); used against vitamin oxidation by oxygen (in liquid preparations).)  
*d* Stabilisierungseffekt *m* eines inerten Gases; Stabilisierungswirkung *f* eines inerten Gases  
*f* effet *m* de stabilisation d'un gaz inerte; action *f* de stabilisation d'un gaz inerte  
*p* efeito *m* estabilizador de um gás inerte; ação *f* estabilizadora de um gás inerte
- 5880 stable gelatinized vitamin A powder**  
 (Vit.)  
 (Vitamin technology; vitamin A form for capsules, tablets etc.)  
*d* stabiles gelatinisiertes Vitamin A-Pulver *n*  
*f* poudre *m* de vitamine A stable gélatinifié  
*p* pó *m* de vitamin A estável gelatinizado
- 5881 stable adj in acid medium**  
 (Vit.)  
 (Vitamin technology; certain biochemical substances as vitamin B<sub>2</sub>-riboflavin.)  
*d* stabil in saurem Medium  
*f* stable en milieu acide  
*p* estável em meio ácido
- 5882 stable adj in aqueous solution**  
 (Prod.)  
 (Pharmaceutical technology: product characteristic.)  
*d* stabil in wässriger Lösung; stabil in wässriger Lösung  
*f* stable dans de solution aqueuse  
*p* estável em solução aquosa
- 5883 stable pharmaceutical preparation**  
 (Prod.)  
 (Pharmaceutical technology.)  
*d* stabiles pharmazeutisches Präparat *n*  
*f* préparation *f* pharmaceutique stable  
*p* preparação *f* farmacêutica estável
- 5884 stable solution**  
 (Prod.)  
 (Pharmaceutical technology; product form characteristic.)  
*d* stabile Lösung *f*  
*f* solution *f* stable  
*p* solução *f* estável
- 5885 stable adj to light; lightfast**  
 (Prod.)  
 (Pharmaceutical technology. product characteristic.)  
*d* lichtfest; lichtecht; lichtstabil  
*f* résistant à la lumière; solide à la lumière; stable à la lumière  
*p* estável à luz; sólido à luz  
 \* **stable vitamin injection solutions** → 5886
- 5886 stable vitamin solutions for injections; stable vitamin injection solutions**  
 (Vit.)  
 (Vitamin technology; pharmaceutical vitamin preparation.)  
*d* stabile Vitaminlösungen *fpl* für Injektionen; stabile Vitamin-Einspritzlösungen *fpl*

- f* solutions *fpl* vitamínicas stables pour des perfusions; solutions *fpl* vitamínicas stables à injecter
- p* soluções *fpl* vitamínicas estáveis para injeções; soluções *fpl* injetáveis estáveis de vitaminas
- 5887 stage of protein synthesis; step of protein synthesis**  
(Enz.)  
(A definite step of a multistep synthesis process.)
- d* Etappe *f* der Proteinsynthese; Stufe *f* der Proteinsynthese
- f* étape *f* de la synthèse des protéines; étape *f* de la synthèse protéique
- p* etapa *f* da síntese das proteínas; etapa *f* da síntese protéica
- 5888 standstill of bacterial growth**  
(Med.)  
(Ref. to absence of bacterial growth, e.g. in research, in therapy etc.)
- d* Stillstand *m* des Bakterienwachstums
- f* arrêt *m* de la croissance bactérienne
- p* cessação *f* do crescimento bacteriano
- 5889 standstill of the hormonal stimulation process**  
(Horm.)  
(Ref. to hormone biochemistry within the organism.)
- d* Stillstehen *n* des hormonalen Anregungsprozesses
- f* arrêt *m* du processus de la stimulation hormonale
- p* parada *f* do processo da estimulação hormonal
- 5890 staphylococcus aureus**  
(Prod.)  
(Pharmaceutical technology/processes and production: living microorganism affecting pharmaceutical purity.)
- d* Staphylokokkus *m* aureus
- f* staphylocoque *m* doré
- p* estafilococo *m* áureo
- 5891 star anise; Chinese anise**  
(Phyto.)  
("Illicium verum Hook.f., Magnoliaceae"; "Illicium anisatum"; extract used as hemostatic; also: preparations as stomachics, anti-flatulence.)
- d* chinesischer Anis *m*
- f* anis *m* étoilé; badiane *f*
- p* anis-estrelado *m*; badiana *f*; badiana-do-cheiro *f*
- 5892 starch**  
(Prod.)  
( $(C_6H_{10}O_5)_n$ ; complex carbohydrate; amyllum; auxiliary in pharmaceutical processes/production.)
- d* Stärke *f*
- f* amidon *m*; fécula *f*
- p* amido *m*; fécula *f*
- 5893 starch as auxiliary product**  
(Prod.)  
(Pharmaceutical technology: in tableting, e.g. as absorbent, for powder volume increase for compression: e.g. maize starch; corn starch.)
- d* Stärke *f* als Hilfsmittel
- f* amidon *m* comme substance adjuvante
- p* amido *m* como substância auxiliar
- 5894 starch placebo tablets**  
(Prod.)  
(Pharmaceutical technology; tablet production.)
- d* Stärkeplacebotabletten *fpl*
- f* comprimés *mpl* placebo à base d'amidon
- p* comprimidos *mpl* de amido, tipo placebo
- 5895 starting material**  
(Prod.)  
(Pharmaceutical technology; prime material.)
- d* Ausgangsmaterial *n*
- f* produit *m* de départ
- p* matéria *f* prima
- 5896 starting material for chemical synthesis**  
(Prod.)  
(Pharmaceutical technology.)
- d* Ausgangsmaterial *n* für chemische Synthesen
- f* produit *m* de départ pour synthèses chimiques
- p* matéria *f* prima para sínteses químicas
- 5897 starting of a synthesis**  
(Prod.)  
(Pharmaceutical processes.)
- d* Starten *n* einer Synthese
- f* démarrage *f* d'une synthèse
- p* partida *f* de uma síntese
- 5898 state of solution**  
(Prod.)  
(Substance characteristic in pharmaceutical technology.)
- d* Lösungszustand *m*
- f* état *m* en solution
- p* estado *m* de solução

- 5899 stationary phase in the growth of microorganisms**  
(Enz.)  
(Biotechnology; ref. to microbial cultures in research and production processes.)  
*d* stationäre Phase *f* des Mikroorganismenwachstums; stillstehende Phase *f* des Mikroorganismenwachstums  
*f* phase *f* stationnaire de la croissance des micro-organismes  
*p* fase *f* estacionária no crescimento dos microorganismos
- 5900 steam v**  
(Prod.)  
(Pharmaceutical processes; to treat with steam.)  
*d* dämpfen  
*f* vaporiser  
*p* vaporar; tratar a vapor
- \* **steam pressure technique** → 6628
- 5901 stearic acid**  
(Prod.)  
(Pharmaceutical technology; C<sub>18</sub>H<sub>36</sub>O<sub>2</sub>; octadecanoic acid; e.g. auxiliary used for coating pills, for suppository production etc.)  
*d* Stearinsäure *f*; Octadecansäure *f*  
*f* acide *m* stéarique  
*p* ácido *m* esteárico
- \* **step-by-step process** → 2934
- \* **step of protein synthesis** → 5887
- \* **step v up fermentation** → 947
- 5902 stereochemical complementarity between de medicamentous molecule and the receptor**  
(Mol.)  
(Ref. to research and development of active principles, of drugs.)  
*d* stereochemische Komplementarität *f* zwischen dem medikamentösen Molekül und dem Rezeptor  
*f* complémentarité *f* stéréochimique entre la molécule médicamenteuse et le récepteur  
*p* complementaridade *f* estereoquímica entre la molécula medicamentosa e o receptor
- 5903 stereochemical effect**  
(Mol.)  
(Steric effect; ref. to the influence of molecule arrangements on the medicamentous chemicals; see also entry: stereochemistry.)  
*d* stereochemischer Effekt *m*
- f* effet *m* stéréochimique  
*p* efeito *m* estereoquímico
- 5904 stereochemistry**  
(Mol.)  
(Ref. to the steric (spatial) structure of a molecule, distances between atoms and binding angles within the molecules; these arrangements may affect chemical characteristics of active principles.)  
*d* Stereochemie *f*  
*f* stéréochimie *f*  
*p* estereoquímica *f*
- 5905 stereoisomers**  
(Mol.)  
(Compounds of molecules having the same formula and constitution, but their atoms showing differences in their spatial arrangements.)  
*d* Stereoisomere *npl*  
*f* stéréo-isomères *mpl*  
*p* estereoisómeros *mpl*
- 5906 stereoselective reactions**  
(Mol.)  
(Chemical reactions evolving: stereoisomers; see also this entry.)  
*d* stereoselektive Reaktionen *fpl*  
*f* réactions *fpl* stéréosélectives  
*p* reações *fpl* esteroselativas
- 5907 stereoselective synthesis**  
(Mol.)  
(See entry: stereoselective reactions.)  
*d* stereoselektive Synthese *f*  
*f* synthèse *f* stéréosélective  
*p* síntese *f* esteroselativa
- 5908 stereospecific catalyst**  
(Enz.)  
(Ref. e.g. to enzymes acting in stereochemically specific processes.)  
*d* stereospezifischer Katalysator *m*  
*f* catalyseur *m* stéréospécifique  
*p* catalisador *m* estereoespecífico
- 5909 stereospecificity**  
(Mol.)  
(Ref. to stereochemistry; see this entry.)  
*d* Stereospezifität *f*  
*f* stéréospécificité *f*  
*p* estereoespecificidade *f*
- 5910 stereospecific reactions**  
(Mol.)  
(Chemical reactions evolving: stereoisomers; see also this entry.)

- d* stereospezifische Reaktionen *fpl*  
*f* réactions *fpl* stéréospécifiques  
*p* reações *fpl* estereoespecíficas
- 5911 sterile glass ampoule**  
 (Prod.)  
 (Pharmaceutical processes; e.g. for conditioning of injectable solute, for solutions etc.; see also entry: sealed glass phial; sealed glass vial.)  
*d* sterile Glasampulle *f*  
*f* ampoule *f* stérile en verre  
*p* ampola *f* estéril de vidro
- 5912 sterile ophthalmic ointment**  
 (Prod.)  
 (Pharmaceutical technology; medicamentous form for ophthalmic (eye) treatment.)  
*d* sterile Augensalbe *f*  
*f* pommade *f* ophthalmique stérile  
*p* pomada *f* oftálmica estéril
- 5913 sterility**  
 (Prod.)  
 (Processes of pharmaceutical processes and production: Free from living microorganisms affecting pharmaceutical purity.)  
*d* Sterilität *f*  
*f* stérilité *f*  
*p* esterilidade *f*
- 5914 sterilization**  
 (Prod.)  
 (Pharmaceutical processes, e.g. heat sterilization: over 100° C.)  
*d* Sterilisation *f*; Sterilisierung *f*  
*f* stérilisation *f*  
*p* esterilização *f*
- 5915 sterilization by addition of antiseptic products**  
 (Prod.)  
 (Pharmaceutical processes; used in sterilization processes.)  
*d* Sterilisierung *f* durch Hinzufügung von antiseptischen Produkten  
*f* stérilisation *f* par de l'addition de produits antiseptiques  
*p* esterilização *f* pela adição de produtos anti-sépticos
- 5916 sterilization by chemical substances**  
 (Ant.)  
 (By the application of germicides, antibiotics etc.)  
*d* Sterilisation *f* durch chemische Substanzen  
*f* stérilisation *f* par des substances chimiques  
*p* esterilização *f* por substâncias químicas
- 5917 sterilization by filtration**  
 (Prod.)  
 (Pharmaceutical technology, e.g. in the production of PVP-containing injection solutions. Filtration is the separation process of a liquid phase from a solid one; sterilization means the elimination of eventually present microorganisms.)  
*d* Sterilisierung *f* durch Filtrierung; Entkeimung *f* durch Filtration  
*f* stérilisation *f* par filtration  
*p* esterilização *f* por filtração
- 5918 sterilization by ionizing irradiation**  
 (Prod.)  
 (Pharmaceutical technology: sterilization process by short-wave radiation.)  
*d* Sterilisation *f* durch ionisierende Bestrahlung  
*f* stérilisation *f* par les radiations ionisantes  
*p* esterilização *f* pela irradiação ionizante
- 5919 sterilization by short-wave radiation**  
 (Prod.)  
 (Pharmaceutical technology: e.g. ionizing irradiation, X-radiation, ultraviolet radiation.)  
*d* Kurzwellenbestrahlungssterilisation *f*  
*f* stérilisation *f* par les radiations des ondes courtes  
*p* esterilização *f* por irradiação de ondas curtas
- 5920 sterilization by ultrafiltration**  
 (Prod.)  
 (Pharmaceutical processes; used in sterilization processes; through a semipermeable capillary membrane, passing small (e.g. water-) molecules and holding back larger ones.)  
*d* Sterilisierung *f* durch Ultrafiltration  
*f* stérilisation *f* par l'ultrafiltration  
*p* esterilização *f* por ultrafiltração
- 5921 sterilization in biochemistry**  
 (Enz.)  
 (Biotechnology; microbiology; process of elimination of living microorganisms.)  
*d* biochemische Sterilisation *f*; biochemische Sterilisierung *f*  
*f* stérilisation *f* en biochimie  
*p* esterilização *f* na bioquímica
- 5922 sterilization of solutions by filtration**  
 (Prod.)  
 (Pharmaceutical processes.)  
*d* Sterilisierung *f* von Lösungen durch Filtrierung; Sterilisierung *f* von Lösungen durch Filtration  
*f* stérilisation *f* des solutions par de filtrage  
*p* esterilização *f* das soluções por filtração

- 5923 sterilization of vitamin injectables**  
(Vit.)  
(Vitamin technology; vitamin form in pharmacy.)  
*d* Sterilisation *f* von Vitamin-Injektionsprodukten; Sterilisierung *f* von Vitamin-Injektionsprodukten  
*f* stérilisation *f* des produits vitaminiques injectables  
*p* esterilização *f* de produtos vitamínicos injetáveis
- 5924 sterilization with simultaneous aseptic filling up**  
(Prod.)  
(Pharmaceutical processes, in research and production.)  
*d* Sterilisierung *f* mit gleichzeitiger keimfreier Nachfüllung  
*f* stérilisation *f* avec remplissage aseptique simultané  
*p* esterilização *f* com enchimento complementar asséptico simultâneo
- 5925 sterilized by heat** *adj*  
(Prod.)  
(Pharmaceutical processes; ref. to heat sterilization processes.)  
*d* hitzesterilisiert; heißsterilisiert  
*f* stérilisé en chaleur  
*p* esterilizado pelo calor
- \* **sterilizing** → 2851
- \* **steroidal antibiotic** → 5926
- \* **steroidal receptor** → 5929
- 5926 steroid antibiotic; steroidal antibiotic**  
(Ant.)  
(Antibiotic active principle e.g. against staphylococci and their penicillinase defense enzymes.)  
*d* Steroidantibiotikum *n*  
*f* antibiotique *m* stéroïde  
*p* antibiótico-esteróide *m*
- 5927 steroid hormones**  
(Horm.)  
(Suprarenal gland: corticosteroid hormones produced in the cortex; in the gonads: androgens, estrogens.)  
*d* Steroidhormone *npl*; Keimdrüsenhormone *npl*  
*f* hormones *fpl* stéroïdes  
*p* hormônios *npl* esteróides
- 5928 steroid hormones of the ovary**  
(Horm.)  
(E.g. estradiol, oestrogens.)  
*d* Steroidhormone *npl* des Eierstocks  
*f* hormones *fpl* stéroïdes ovariennes  
*p* hormônios *npl* esteróides do ovário
- 5929 steroid receptor; steroidal receptor**  
(Horm.)  
(Hormone biochemistry; participates in gene transcription.)  
*d* Steroidrezeptor *m*  
*f* récepteur *m* stéroïdien  
*p* receptor *m* de esteróide
- 5930 sticking plaster; adhesive plaster; dressing**  
(Prod.)  
(Pharmaceutical technology; pharmaceutical form for cutaneous application (application on the skin) to cover small wounds.)  
*d* Pflaster *n*; Wundpflaster *n*  
*f* pansement *m*  
*p* curativo *m*
- 5931 stimulant; stimulant drug**  
(Prod.)  
(Medicinal drug producing activity increase.)  
*d* Anregungsmittel *n*; Stimulans *n*  
(Stimulanzien *npl*; Stimulantia *npl*)  
*f* stimulant *m*; médicament *m* stimulant  
*p* estimulante *m*; medicamento *m* estimulante
- \* **stimulant drug** → 5931
- 5932 stimulate *v* insulin secretion**  
(Pharm.)  
(Characteristic of certain antidiabetics.)  
*d* Insulinsekretion anregen  
*f* stimuler la sécrétion de l'insuline  
*p* estimular a secreção da insulina
- 5933 stimulate *v* the transcription of genes**  
(Cyt.)  
(See also entry: genetic transcription.)  
*d* die genetische Transkription anregen  
*f* stimuler la transcription de gènes  
*p* estimular a transcrição dos genes
- 5934 stimulating hormone**  
(Horm.)  
(Ref. to specific hormone activity.)  
*d* anregendes Hormon *n*; stimulierendes Hormon *n*  
*f* hormone *f* stimulante  
*p* hormônio *m* estimulador
- 5935 stimulating medicament based on caffeine**  
(Prod.)  
(With stimulant effect on the on the central nervous system.)

- d* anregendes Medikament *n* auf Kaffein basierend  
*f* médicament *m* stimulant basant sur la caféine  
*p* medicamento *m* estimulante baseado na caféina
- 5936 stimulating protein**  
 (Horm.)  
 (Hormone biochemistry; ref. to hormone activity.)  
*d* anregendes Protein *n*  
*f* protéine *f* stimulatrice  
*p* proteína *f* estimulante
- 5937 stimulation cascade**  
 (Horm.)  
 (Ref. to hormone interactions, where one hormone stimulate the secretion of another one and so on; e.g. the hypothalamic hormone – the hypophyseal hormone – the thyroidal hormone.)  
*d* Stimulierungskaskade *f*; Anregungskaskade *f*  
*f* cascade *f* de stimulation  
*p* cascata *f* de estimulação
- 5938 stimulation of phosphorylation reactions**  
 (Horm.)  
 (Ref. to the opposite activity of glucagon and insulin in the control of glyc[a]emia.)  
*d* Stimulierung *f* von Phosphorylierungsreaktionen; Anregung *f* von Phosphorylierungsreaktionen  
*f* stimulation *f* de réactions de phosphorylation  
*p* estimulação *f* de reações de fosforilação
- 5939 stimulation of the gene transcription**  
 (Cyt.)  
 (See also entry: genetic transcription.)  
*d* Anregung *f* der Genen-Transkription  
*f* stimulation *f* de la transcription de gènes  
*p* estimulação *f* da transcrição dos genes
- 5940 stimulation of the intracellular protein-kinase**  
 (Enz.)  
 (Ref. to the transmission of the hormonal signal.)  
*d* Anregung *f* der intrazellulären Proteinkinase  
*f* stimulation *f* de la protéine-kinase intracellulaire  
*p* estimulação *f* da proteino-quinase intracelular
- 5941 stimulation to a specific response**  
 (Horm.)  
 (Ref. to hormonal activity.)  
*d* Anregung *f* zu einer spezifischen Reaktion; Stimulierung *f* zu einer spezifischen Wirkung  
*f* stimulation *f* d'une réponse spécifique  
*p* estimulação *f* de uma resposta específica
- \* **stipulated quantity** → 4976
- 5942 stir v one phase into another**  
 (Prod.)  
 (Pharmaceutical technology.)  
*d* eine Phase der anderen beimischen  
*f* diluer une phase dans l'autre; mélanger en agitant une phase dans l'autre  
*p* juntar misturando uma fase à outra
- 5943 stirring**  
 (Prod.)  
 (Pharmaceutical technology; ref. to mixtures.)  
*d* Durchrühren *n*  
*f* brassage *m*; mélange *f* sur agitation  
*p* agitação *f*
- 5944 stir v the ingredient into the solvent**  
 (Prod.)  
 (Pharmaceutical technology.)  
*d* Produkt dem Lösungsmittel beimischen  
*f* additionner en agitant le composant dans le solvant; diluer le composant dans le solvant  
*p* adicionar agitando o ingrediente ao solvente; adicionar misturando o ingrediente ao solvente
- 5945 stir v the mixture continuously**  
 (Prod.)  
 (Ref. to pharmaceutical processes.)  
*d* die Mischung ständig rühren  
*f* agiter le mélange constamment  
*p* agitar a mistura constantemente
- 5946 stomach**  
 (Anat.)  
 (Part of the alimentary canal.)  
*d* Magen *m*  
*f* estomac *m*  
*p* estômago *m*
- 5947 stomachic**  
 (Prod.)  
 (Stomach secretion and appetite promoting drug.)  
*d* appetitanregende Arznei *f*; Magenmittel *n*; Stomachikum *n*  
*f* stomachique *m*  
*p* remédio *m* estomáquico; droga *f* estomacal
- 5948 stomach lining**  
 (Med.)  
 (Gastric mucous membrane.)  
*d* Magenschleimhaut *f*

- f* muqueuse *f* gastrique; muqueuse *f* de l'estomac  
*p* mucosa *f* do estômago
- 5949 stop v taking the drug step-by-step**  
 (Pharm.)  
 (To avoid set-back phenomenon; set-back effect; see this entry.)  
*d* das Arzneimittel schrittweise absetzen  
*f* s'arrêter pas à pas de prendre le médicament  
*p* parar de tomar o medicamento passo a passo
- 5950 storage losses**  
 (Prod.)  
 (Pharmaceutical technology; e.g. ref. to vitamin activity, to product characteristics.)  
*d* Lagerungsverluste *fpl*; Verluste *fpl* durch Lagerung  
*f* pertes *fpl* de stockage  
*p* perdas *mpl* na estocagem
- 5951 storage of a substance**  
 (Prod.)  
 (Pharmaceutical processes; ref. to the total amount stored of a substance.)  
*d* Speicherung *f* einer Substanz  
*f* emmagasinage *m* d'une substance  
*p* armazenamento *m* de uma substância
- \* **storage of the vitamin in the liver** → 3052
- 5952 storage of vitamin K in the bones**  
 (Vit.)  
 (Vitamin physiology; ref. to vitamin K activity.)  
*d* Speicherung *f* von Vitamin K in den Knochen  
*f* stockage *m* de la vitamine K dans les os  
*p* estocagem *f* de vitamina K nos ossos; armazenamento *m* de vitamina K nos ossos
- 5953 storage of vitamins**  
 (Vit.)  
 (Vitamin physiology; ref. to certain tissues of the organism.)  
*d* Speicherung *f* von Vitaminen; Vitaminspeicherung *f*  
*f* stockage *m* des vitamines; mise *f* en réserve des vitamines  
*p* armazenamento *m* das vitaminas
- 5954 stored under humid conditions**  
 (Prod.)  
 (Pharmaceutical technology; humidity may influence negatively the tablet ingredients, packaging material must be water-proof.)  
*d* gelagert unter feuchten Bedingungen  
*f* emmagasiné sur des conditions humides  
*p* armazenado sob condições úmidas
- 5955 store v under exclusion of light; pack v under exclusion of light**  
 (Vit.)  
 (Vitamin technology; ref. to vitamin products which are generally sensitive to light.)  
*d* lagern unter Ausschluss von Licht; packen unter Ausschluss von Licht  
*f* emmagasiner à l'exclusion de la lumière; stocker à l'exclusion de la lumière; emballer à l'exclusion de la lumière  
*p* armazenar sob exclusão da luz; empacotar sob exclusão da luz
- 5956 strains of hyperproductive microorganisms**  
 (Enz.)  
 (Offer the possibility of the application of microorganisms in a wider field in biotechnology and in biological production.)  
*d* Stränge *mpl* von Mikroorganismen größter Leistungsfähigkeit; Stränge *mpl* von Mikroorganismen größter Produktionsfähigkeit  
*f* espèces *fpl* de micro-organismes hyperproductrices; souches *fpl* de micro-organismes hyperproductrices  
*p* espécies *fpl* hiperprodutivas de microorganismos
- 5957 strains of selected microorganisms**  
 (Enz.)  
 (Ref. to fermentation processes in biotechnology, by controlled activity of microorganisms.)  
*d* Stränge *mpl* ausgewählter Mikroorganismen  
*f* espèces *fpl* de micro-organismes sélectionnées; souches *fpl* de micro-organismes sélectionnées  
*p* espécies *fpl* de microorganismos selecionadas
- \* **strange corpuscles** → 5958
- 5958 strange substances; strange corpuscles**  
 (Prod.)  
 (Pharmaceutical technology; ref. to research, control processes (e.g. strange particles in medicamentous compounds etc).)  
*d* Fremdstoffe *mpl*; Fremdkörper *mpl*  
*f* substances *fpl* étrangères; corpuscules *mpl* étrangers  
*p* substâncias *fpl* estranhas
- 5959 streptococcus** (streptococci *pl*)  
 (Med.)  
 (Gram-positive pathogens.)  
*d* Streptokokkus *m* (Streptokokken *mpl*)  
*f* streptocoque *m* (streptocoques *mpl*)  
*p* estreptococo *m* (estreptococos *mpl*)



- 5960 streptomyces strains**  
(Vit.)  
(Vitamin technology; fermentation of these microorganisms is part of the vitamin B<sub>12</sub>-production.)  
*d* Streptomycesstämme *mpl*  
*f* souches *fpl* de streptomycète  
*p* cepas *fpl* de estreptomicas
- 5961 streptomycin**  
(Ant.)  
(C<sub>21</sub>H<sub>39</sub>N<sub>7</sub>O<sub>12</sub>; bactericide; broad-spectrum antibiotic.)  
*d* Streptomycin *n*; Streptomycin *n*  
*f* streptomycine *f*  
*p* estreptomicina *f*
- 5962 stretchability**  
(Prod.)  
(Pharmaceutical technology; ref. to product characteristics: capability to extend in length.)  
*d* Streckbarkeit *f*  
*f* extensibilité *f*; étirabilité *f*  
*p* extensibilidade *f*
- 5963 strong concentration**  
(Prod.)  
(Pharmaceutical chemistry; e.g. ref. to solutions, emulsions, mixtures etc.)  
*d* starke Konzentration *f*  
*f* concentration *f* forte  
*p* concentração *f* forte
- 5964 strong dose**  
(Med.)  
(Medicine intake in therapeutics.)  
*d* starke Dosis *f*  
*f* forte dose *f*  
*p* dose *f* forte
- 5965 strongly acid taste**  
(Vit.)  
(Vitamin technology; product characteristic; e.g. ref. to vitamin C.)  
*d* stark saurer Geschmack *m*  
*f* goût *m* fortement acide  
*p* gosto *m* fortemente ácido
- 5966 strongly bound antibiotic fraction**  
(Ant.)  
(Ref. to antibiotic binding type on plasma protein.)  
*d* stabilgebundene Antibiotikumfraktion *f*  
*f* fraction *f* antibiotique fixée fortement sur la protéine  
*p* fração *f* antiobiótica fixada fortemente na proteína
- 5967 strongly bound antibiotic fraction of progressive release**  
(Ant.)  
(Ref. to antibiotic binding type on plasma protein and its activity form in antibiotherapy.)  
*d* stabilgebundene Antibiotikumfraktion *f* progressiver Freisetzung; stabilgebundene Antibiotikumfraktion *f* anhaltender Freisetzung  
*f* fraction *f* antibiotique fixée fortement de libération progressive  
*p* fração *f* antiobiótica fixada fortemente de liberação progressiva
- 5968 strong oxidation**  
(Prod.)  
(Pharmaceutical chemistry, ref. to oxidation processes.)  
*d* starke Oxidation *f*  
*f* oxydation *f* forte  
*p* oxidação *f* forte
- 5969 strong oxidizing agent**  
(Vit.)  
(E.g. UV light; ref. to vitamin technology.)  
*d* starkes Oxidationsmittel *n*  
*f* oxydant *m* fort  
*p* oxidante *f* forte
- 5970 strong reducing agent**  
(Prod.)  
(Pharmaceutical chemistry; donator of electrons; e.g. ref. to vitamin technology.)  
*d* starker Reduktor *m*  
*f* réducteur *m* fort  
*p* redutor *m* forte
- 5971 structural alterations**  
(Mol.)  
(Ref. to molecular structures.)  
*d* Strukturveränderungen *fpl*  
*f* alterações *fpl* estruturales  
*p* alterações *fpl* estruturais
- 5972 structural analogy of a medicamentous molecule**  
(Prod.)  
(Pharmaceutical technology; ref. to research methods, and elaboration of a molecule having a partially superposing structure by comparison with a molecule of known activity.)  
*d* strukturelle Analogie *f* eines medikamentösen Moleküls  
*f* analogie *f* structurale d'une molécule médicamenteuse  
*p* analogia *f* estrutural de uma molécula medicamentosa

- 5973 structural biology as science of cell structures; cytology**  
(Cyt.)  
(Structure of the cell which is the basic unit of organisms, able to reproduce itself exactly.)  
*d* Strukturbiologie *f* als Wissenschaft der Zellstrukturen; Zytologie *f*  
*f* biologie *f* structurale comme science des structures cellulaires; cytologie *f*  
*p* biologia *f* estrutural como a ciência das estruturas das células; citologia *f*
- 5974 structural chemical subtleness of vitamins**  
(Vit.)  
(Fine chemical technology; characteristic of vitamins, their derivatives and their interactions in enzymatic and hormonal biochemistry.)  
*d* chemische Strukturfeinheiten *fpl* der Vitamine  
*f* subtilités *fpl* des structures chimiques des vitamines  
*p* subtilidades *fpl* das estruturas químicas das vitaminas
- 5975 structural formula**  
(Mol.)  
(A chemical molecular formula, demonstrating the arrangement of atoms.)  
*d* Strukturformel *f*; Konstitutionsformel *f*  
*f* formule *f* de structure; formule *f* de constitution; formule *f* développée  
*p* fórmula *f* estrutural
- 5976 structural gene**  
(Cyt.)  
(Cytology; ref. to protein synthesis.)  
*d* Strukturgen *n*  
*f* gène *m* structural  
*p* gene *m* estrutural
- 5977 structural isomerism**  
(Prod.)  
(Pharmaceutical chemistry; in this case: (medicamentous) molecules differ in the position of the functional group in the molecule; e.g. ortho-, meta-, para- positions.)  
*d* Stellungsisomerie *f*  
*f* isométrie *f* de position  
*p* isomeria *f* de posição
- 5978 structurally affined *adj***  
(Prod.)  
(Pharmaceutical technology; e.g. ref. to a drug with structural affinity to an endogenous (body-own) substance.)  
*d* strukturverwandt  
*f* structurellement affine  
*p* estruturalmente afim
- 5979 structural modification of the medicamentous molecule**  
(Mol.)  
(Purpose: for increasing its adaptability, action-optimization, targetability.)  
*d* strukturelle Modifikation *f* des medikamentösen Moleküls  
*f* modification *f* structurale de la molécule médicamenteuse  
*p* modificação *f* estrutural da molécula medicamentosa
- \* **structural protein** → 4623
- 5980 structural protein variety**  
(Enz.)  
(The functional diversity (as active and passive protein) is due to the structural variety.)  
*d* strukturelle Proteinviefalt *f*  
*f* variété *f* structurale protéique  
*p* variedade *f* estrutural protéica
- 5981 structural relationship between certain medicamentous molecules**  
(Prod.)  
(Pharmaceutical chemistry; ref. e.g. to the elaboration of medicamentous molecules.)  
*d* strukturelle Verwandtschaft *f* gewisser medikamentöser Moleküle  
*f* parenté *f* structurale de certains molécules médicamenteuses  
*p* parentesco *m* estrutural de certas moléculas medicamentosas
- 5982 structural specificity of a molecule**  
(Pharm.)  
(Turning the medicamentous activity of the medication more targetable within the organism.)  
*d* strukturelle Spezifität *f* eines Moleküls  
*f* spécificité *f* structurale d'une molécule  
*p* especificidade *f* estrutural de uma molécula
- 5983 structural study**  
(Vit.)  
(Vitamin technology; in research of vitamins and vitamin activity.)  
*d* Strukturuntersuchung *f*  
*f* étude *f* structurale  
*p* estudo *m* estrutural
- 5984 structure-activity data of a molecule of therapeutic interest**  
(Mol.)  
(Ref. to molecule structure in research, for medicinal use.)

- d* Struktur-Aktivitätsgrößen *fpl* eines Moleküls von therapeutischem Interesse  
*f* données *fpl* structure-activité d'une molécule d'intérêt thérapeutique  
*p* dados *mpl* referentes à estrutura-atividade de uma molécula de interesse terapêutico
- 5985 structure-activity relation of medicamentous molecules**  
 (Prod.)  
 (Pharmaceutical chemistry, ref. to research of the biochemical/physiological activity of molecule structures.)  
*d* Relation *f* der Struktur/Aktivität medikamentöser Moleküle; wechselseitige Bedingung *f* der Struktur/Aktivität medikamentöser Moleküle  
*f* relation *f* structure-activité des molécules médicamenteuses  
*p* relação *f* estrutura-atividade das moléculas medicamentosas
- 6986 structure as a double helix**  
 (Cyt.)  
 (Ref. to DNA-structure, determined in 1953 by Watson and Crick, explaining hereditary transmission processes.)  
*d* Struktur *f* in Doppel-Helix  
*f* structure *f* en double hélice  
*p* estrutura *f* em hélice dupla
- 5987 structure-effect-principle concerning medicaments**  
 (Pharm.)  
 (Pharmacodynamics; ref. to the chemical structure of the drug and the therapeutical effect related to it.)  
*d* Struktur-Wirkungsprinzip *n* bezüglich Arzneimitteln  
*f* principe *m* structure-effet concernant les médicaments  
*p* princípio *m* estrutura-efeito referente aos medicamentos
- 5988 structure of the receptor**  
 (Anat.)  
 (Ref. to the constitution of the cell receptor.)  
*d* Rezeptorstruktur *f*; Rezeptoraufbau *m*  
*f* structure *f* du récepteur  
*p* estrutura *f* do receptor
- 5989 strychnine**  
 (Phyto.)  
 (C<sub>21</sub>H<sub>22</sub>N<sub>2</sub>O<sub>2</sub>; see entry: derivatives of the indole core. Obtained from "nux vomica"; use: stimulant for the central nervous system.)  
*d* Strychnin *n*  
*f* strychnine *f*
- p* estriçnina *f*
- 5990 studies on behalf of the mechanisms of vitamin action**  
 (Vit.)  
 (Vitamin physiology.)  
*d* Studien *fpl* über die Wirkungsmechanismen der Vitamine  
*f* études *fpl* des mécanismes d'action des vitamines  
*p* estudos *mpl* sobre os mecanismos de ação das vitaminas
- 5991 study of interactions**  
 (Vit.)  
 (Vitamin technology; interaction between active ingredients and vitamins.)  
*d* Untersuchung *f* der Interaktionen; Untersuchung *f* der Zwischenwirkungen  
*f* étude *f* des interactions  
*p* estudo *m* das interações  
 \* **styptic** → 660
- 5992 subacute**  
 (Med.)  
 (Ref. to characteristics of diseases.)  
*d* subakut  
*f* subaigu(-ë)  
*p* subagudo
- 5993 subcoating of vitamin cores**  
 (Vit.)  
 (Vitamin technology; before applying the final film coating; barrier film against humidity.)  
*d* Zwischenüberzug *m* von Vitaminkernen  
*f* couche *f* d'apprêt des noyaux vitaminiques  
*p* pr revesti mento *m* dos núcleos vitamínicos
- 5994 sub-consolidated test**  
 (Prod.)  
 (Pharmaceutical technology.)  
*d* unterkonsolidierter Test *m*  
*f* essai *m* sous consolidé  
*p* teste *m* subconsolidado
- 5995 subcutaneous adj**  
 (Med.)  
 (Ref. to the dermis beneath the epidermis, which is the outer layer of the skin.)  
*d* subkutan  
*f* souscutané  
*p* subcutâneo
- 5996 subcutaneous administration of insulin**  
 (Horm.)  
 (Application of hormones in medicine: the hormone insulin in diabetes treatment.)

- d* subkutane Verabreichung *f* von Insulin  
*f* administration *f* sous-cutanée d'insuline  
*p* administração *f* sub-cutânea de insulina
- 5997 subcutis**  
 (Anat.)  
 (Subcutaneous tissue under the dermis.)  
*d* Unterhaut *f*; Subcutis *f*; Hypodermis *f*  
*f* hypoderme *m*; tissu *m* sous-cutané  
*p* hipoderme *f*; tecido *m* celular subcutâneo
- 5998 subfunctioning of the ovary**  
 (Horm.)  
 (Hormone biochemistry for hormone therapy: administration of "oestrogens: ovary hormones", see this entry.)  
*d* Unterfunktion *f* des Eierstocks  
*f* subfonctionnement *m* de l'ovaire  
*p* subfuncionamento *m* do ovário
- 5999 sublimation**  
 (Prod.)  
 (Direct change of state: from a solid one to gas and vice versa; example: ice.)  
*d* Sublimation *f*  
*f* sublimation *f*  
*p* sublimação *f*
- 6000 sublingual application; application under the tongue**  
 (Med.)  
 (Ref. to drug administration.)  
*d* sublinguale Verabreichung *f*; Verabreichung *f* unter der Zunge  
*f* administration *f* sublinguale; administration *f* sous la langue  
*p* administração *f* sublingual; administração *f* por baixo da língua
- 6001 sublingual tablet**  
 (Prod.)  
 (Pharmaceutical technology; tablet to be put under the tongue for resorption by the oral mucosa.)  
*d* Sublingualtablette *f*  
*f* comprimé *m* sublingual  
*p* comprimido *m* sublingual
- 6002 sublingual vitamin tablets**  
 (Vit.)  
 (Vitamin technology; vitamin complex/trace elements-tablets, to be put under the tongue: for oral mucocutaneous absorption.)  
*d* Vitamin-Sublingualtabletten *fpl*  
*f* comprimés *mpl* sublinguaux vitaminiques  
*p* comprimidos *mpl* sublinguais de vitaminas
- 6003 submersion culture of bacteria**  
 (Prod.)  
 (Pharmaceutical technology; e.g. ref. to culture processes of germs for cultivation in nutrient media.)  
*d* Submersionskultur *f* von Bakterien; Untertauchkultur *f* von Keimen  
*f* culture *f* de submersion de bactéries  
*p* cultura *f* de submersão de bactérias
- 6004 submetacentric position of the centromere**  
 (Cyt.)  
 (One (of the four) chromosome types, classified as to the position of its centromere (acrocentric, metacentric, submetacentric, telocentric).)  
*d* submetazentrische Stellung *f* des Zentromers  
*f* position *f* submétacentrique du centromère  
*p* posição *f* submetacêntrica do centrômero
- 6005 submit v to an extractive solution; undergo v an extractive solution**  
 (Phyto.)  
 (Extraction technique in production of active principles.)  
*d* einer extraktiven Herauslösung unterwerfen; einer extraktiven Herauslösung unterziehen  
*f* soumettre à une solution extractive; subir à une solution extractive  
*p* submeter a uma solução extrativa; sujeitar a uma solução extrativa
- 6006 subsequent effect of an antibiotic treatment**  
 (Ant.)  
 (Ref. to antibiotherapy.)  
*d* Folgewirkung *f* einer Behandlung mit Antibiotika  
*f* effet *m* subséquent d'un traitement avec des antibiotiques  
*p* efeito *m* subsequente de um tratamento com antibióticos
- 6007 substance consistency**  
 (Prod.)  
 (Pharmaceutical chemistry; characteristics of firmness of a substance.)  
*d* Konsistenz *f* einer Substanz  
*f* consistance *f* d'une substance  
*p* consistência *f* de uma substância
- 6008 substance contamination**  
 (Prod.)  
 (Pharmaceutical chemistry; e.g. ref. to the introduction of strange particles into a pure substance.)  
*d* Verunreinigung *f* einer Substanz  
*f* contamination *f* d'une substance  
*p* contaminação *f* de uma substância

- 6009 substance differentiation**  
(Prod.)  
(Pharmaceutical technology; production processes; differentiation between product types.)  
*d* Produktdifferenzierung *f*;  
Produktunterscheidung *f*  
*f* différenciation *f* des produits  
*p* diferenciação *f* dos produtos
- 6010 substance must turn soft at a certain temperature**  
(Prod.)  
(Pharmaceutical technology; production characteristic.)  
*d* Substanz *f* muss bei einer gewissen Temperatur weich werden  
*f* substance *f* doit se ramollir à une certaine température  
*p* substância *f* deve amolecer a uma certa temperatura
- 6011 substance volatility**  
(Prod.)  
(Pharmaceutical technology; fine chemical technology; ref. to chemical substances easily vaporizable at low temperatures.)  
*d* Flüchtigkeit *f* der Substanz  
*f* volatilité *f* de la substance  
*p* volatilidade *f* da substância
- 6012 substance which melts**  
(Prod.)  
(Pharmaceutical technology; production characteristic.)  
*d* Substanz *f* welche schmilzt  
*f* substance *f* qui se fondre  
*p* substância *f* que se funde
- 6013 substituent**  
(Mol.)  
(Atoms which can substitute other atoms within a molecule, without modifying the structure of this molecule.)  
*d* Substituent *m*  
*f* substituant *m*  
*p* substituinte *m*
- 6014 substitute; substitution product**  
(Prod.)  
(Pharmaceutical technology; ref. to compounds, (medicamentous molecules) derived from a principal molecule, where there are one or more atoms substituted by other atoms or atom groups.)  
*d* Substitutionsprodukt *n*  
*f* produit *m* de substitution  
*p* produto *m* de substituição
- 6015 substitutional isomerism**  
(Prod.)  
(Pharmaceutical chemistry; an isomerism reaction; isomerism: relationship of chemicals that are isomers, i.e. chemical compounds etc, which contain the same number of atoms, but differ in structural composition.)  
*d* Substitutionsisomerie *f*; Stellungsisomerie *f*  
*f* isométrie *f* de substitution  
*p* isomerismo *m* de substituição
- 6016 substitution derivative**  
(Prod.)  
(Pharmaceutical technology; ref. to compounds, derived from a principal molecule, where there are one or more atoms substituted by other atoms or atom groups.)  
*d* Substitutionsderivat *n*  
*f* dérivé *m* de substitution  
*p* derivado *m* de substituição
- \* **substitution product** → **6014**
- 6017 substitution radicals**  
(Vit.)  
(Ref. to the structure e.g. of vitamin B<sub>12</sub>.)  
*d* Ersatzradikale *npl*  
*f* radicaux *mpl* de substitution  
*p* radicais *mpl* de substituição
- 6018 substitution reaction; displacement reaction**  
(Mol.)  
(Chemical reaction where an atom or an atom group within in molecule can be replaced by another atom or atom group, e.g. in hydrolysis, esterification etc.)  
*d* Substitutionsreaktion *f*; Austauschreaktion *f*  
*f* réaction *f* de substitution  
*p* reação *f* de substituição
- 6019 substrate is a substance acted upon by an enzyme**  
(Enz.)  
(See entry: "competition: interaction of substrates for the occupation of the same active site of an enzyme".)  
*d* Substrat *m* ist eine Substanz, auf welche ein Enzym einwirkt  
*f* substrat *m* est une substance sur laquelle agit un enzyme  
*p* substrato *m* é uma substância sobre a qual age uma enzima
- 6020 substrate of carbohydrate origin**  
(Enz.)  
(Ref. to the Krebs-cycle.)  
*d* Substrat *n* mit Kohlenhydrat-Ursprung

- f* substrat *m* d'origine glucidique  
*p* substrato *m* de origem dos glucídios;  
 substrato *m* de origem dos carboidratos
- 6021 substrate of proteic origin**  
 (Enz.)  
 (Ref. to the Krebs-cycle.)  
*d* Substrat *n* mit Protein-Ursprung  
*f* substrat *m* d'origine protéique  
*p* substrato *m* de origem protéica
- 6022 substrate oxidation**  
 (Vit.)  
 (Oxidation phenomenon in vitamin technology.)  
*d* Substratoxidation *f*  
*f* oxydation *f* des substrates  
*p* oxidação *f* dos substratos
- 6023 substrate-specific apoenzyme**  
 (Enz.)  
 (Enzymology: inactivated enzyme which binds to a cofactor. Determines specificity to the substrate.)  
*d* substratspezifisches Apoenzym *n*  
*f* apoenzyme *m/f* substrat-spécifique  
*p* apoenzima *f* substrato-específica
- 6024 successive compressions of tablet layers**  
 (Prod.)  
 (Pharmaceutical processes; ref. to retard tablet production methods, see also entry: superimposed layers by successive compression.)  
*d* aufeinanderfolgende Verpressungen *fpl* von Tabletenschichten  
*f* compressions *fpl* successives de couches des comprimés  
*p* compressões *fpl* sucessivas de camadas dos comprimidos
- 6025 successive steps of hormonal activity**  
 (Horm.)  
 (Hormone physiology.)  
*d* aufeinanderfolgende Etappen *fpl* hormonaler Wirkung  
*f* étapes *fpl* successives d'action des hormones  
*p* etapas *fpl* sucessivas da ação hormonal
- 6026 succinate dehydrogenase**  
 (Enz.)  
 (Intermediate in the Krebs-cycle; succinate is a salt or ester of succinic acid (C<sub>4</sub>H<sub>6</sub>O<sub>4</sub>; amber acid).)  
*d* Succinat-Dehydrogenase *f*  
*f* succinate-déshydrogénase *f*; déshydrogénase *f* du succinate  
*p* deshidrogenase *f* do succinato
- 6027 succinic acid**  
 (Prod.)  
 (Pharmaceutical chemistry; C<sub>4</sub>H<sub>6</sub>O<sub>4</sub>; amber acid; an active agent; also: to be found in the Krebs-cycle.)  
*d* Bernsteinsäure *f*  
*f* acide *m* succinique  
*p* ácido *m* succínico
- 6028 succinic dehydrogenase**  
 (Enz.)  
 (C<sub>4</sub>H<sub>6</sub>O<sub>4</sub>; amber acid. Dehydrogenase: oxidoreductase; an enzyme catalysing oxidation-reduction reactions in the human body.)  
*d* Bernsteinsäure-Dehydrogenase *f*  
*f* déshydrogénase *f* succinique; déhydrase *f* succinique  
*p* deshidrogenase *f* succínica
- 6029 succinyl-coA synthetase**  
 (Enz.)  
 (Intermediate in the Krebs-cycle.)  
*d* Succinyl-coA-Synthetase *f*  
*f* succinyl-coA synthétase *f*  
*p* sintetase *f* de coA succinílica
- 6030 sucrose; saccharose**  
 (Prod.)  
 (C<sub>12</sub>H<sub>22</sub>O<sub>11</sub>; sugar; auxiliary in pharmaceutical processes/ production.)  
*d* Saccharose *f*  
*f* saccharose *f*  
*p* sacarose *f*
- \* **sudorific** → 1892, 1893
- 6031 sugar coated suppositories**  
 (Prod.)  
 (Pharmaceutical technology: structural characteristic of a pharmaceutical form.)  
*d* zuckerüberzogene Zäpfchen *npl*; mit Zucker überzogene Zäpfchen *npl*  
*f* suppositoires *mpl* enrobés au sucre  
*p* supositórios *mpl* revestidos com açúcar
- 6032 sugar-coated tablet; tablet with sugar coating**  
 (Prod.)  
 (Pharmaceutical technology; coating type of tablets.)  
*d* zuckerüberzogene Tablette *f*; Tablette *f* mit Zuckerfilmüberzug  
*f* comprimé *m* revêtu de sucre; comprimé *m* avec revêtement *m* à sucre  
*p* comprimido *m* revestido com açúcar; comprimido *m* com revestimento de açúcar

- 6033 sugar-coated vitamin tablet**  
(Vit.)  
(Vitamin technology; a vitamin preparation.)  
*d* Vitamintablette *f* mit Zuckerfilmüberzug  
*f* comprimés *mpl* vitaminiques revêtus à sucre  
*p* comprimido *m* de vitamina revestido à base de açúcar
- 6034 sugar coating**  
(Prod.)  
(Pharmaceutical technology, tablet coating process.)  
*d* Zuckerfilmüberzug *m*  
*f* revêtement *m* à sucre  
*p* revestimento *m* à base de açúcar
- \* **sugar coating for dragées** → 6035
- 6035 sugar coating for the elaboration of dragées; sugar coating for dragées**  
(Vit.)  
(Tablet coating process, vitamin dragée coating.)  
*d* Zuckerfilmüberzug *m* zur Drageenherstellung  
*f* revêtement *m* de dragéification à sucre  
*p* revestimento *m* para drageificação à base de açúcar
- 6036 sugar coating suspension**  
(Prod.)  
(Pharmaceutical technology, ref. to coating products and coating processes.)  
*d* Zuckerfilmüberzugssuspension *f*  
*f* suspension *f* d'un revêtement à sucre  
*p* suspensão *f* de un revestimento à base de açúcar
- 6037 sugar-free film coating**  
(Vit.)  
(Vitamin technology; coating type esp. for vitamin tablets.)  
*d* zuckerfreier Dünnschichtüberzug *m*; zuckerfreier Filmüberzug *m*  
*f* revêtement *m* par pellicule sans sucre  
*p* revestimento *m* por película isento de açúcar
- 6038 sugarless vitamin tablet coatings**  
(Vit.)  
(Vitamin technology; vitamin tablet processing.)  
*d* zuckerlose Vitamintabletten-Überzüge *npl*  
*f* revêtements *mpl* sans sucre de comprimés vitaminiques  
*p* revestimentos *mpl* isentos de açúcar para comprimidos de vitaminas
- 6039 sugar metabolism**  
(Enz.)  
(Promoted by acetyl coenzyme A (acetyl CoA) as metabolic intermediary.)  
*d* Zuckermetabolismus *m*; Stoffwechsel *m* des Zuckers  
*f* métabolisme *m* des sucres  
*p* metabolismo *m* dos açúcares
- 6040 suggestive treatment**  
(Med.)  
(Ref. to placebo treatment; see also entry: placebo; placebo effect.)  
*d* Suggestivbehandlung *f*  
*f* traitement *m* suggestif  
*p* tratamento *m* sugestivo
- 6041 suitable adj for direct tableting**  
(Prod.)  
(Pharmaceutical technology; ref. to auxiliary products for tablet-production.)  
*d* geeignet zur Direkttablettierung  
*f* convient pour la compression directe  
*p* apropriado para a compressão direta
- 6042 sulfamide; sulfuryl amide**  
(Prod.)  
(SO<sub>2</sub>N<sub>2</sub>H<sub>4</sub>; original active principle (see entry). Use: anti-infective agent.)  
*d* Sulfamid *n*; Sulfuryldiamid *n*; Schwefelsäurediamid *n*  
*f* sulfamide *m*  
*p* sulfamida *f*
- 6043 sulfamide derivative with indole nucleus; derivative of sulfanilamide with indole nucleus**  
(Ant.)  
(Indole: C<sub>8</sub>H<sub>7</sub>N; sulfamide (sulfuryl amide): SO<sub>2</sub>N<sub>2</sub>H<sub>4</sub>; sulfanilamide: (C<sub>6</sub>H<sub>4</sub>N<sub>2</sub>O<sub>2</sub>S). Derivative: e.g. belonging to the family of thiazide-type diuretics with sodium reabsorption-inhibition.)  
*d* Sulfamidderivat *n* mit Indolkern; Sulfanilamidderivat *n* mit Indolkern  
*f* dérivé *m* sulfamidique avec de noyau à indole; dérivé *m* sulfanilamidique avec de noyau indolique  
*p* derivado *m* sulfamídico com núcleo indólico; derivado *m* de sulfanilamida com núcleo indólico
- 6044 sulfanilamide**  
(Ant.)  
(C<sub>6</sub>H<sub>4</sub>N<sub>2</sub>O<sub>2</sub>S; basis of sulphonamides (sulpha drugs).)  
*d* Sulfanilamid *n*  
*f* sulfanilamide *f*  
*p* sulfanilamida *f*

- \* sulfate ash content → 6045
- \* sulfuryl amide → 6042
- 6045 sulfate ash content; sulfate ash content**  
(Prod.)  
(Pharmaceutical technology; product test data; e.g. of polyvinylpyrrolidone.)  
*d* Sulfatasche-Gehalt *m*  
*f* teneur *f* en cendres sulfatées; teneur *f* en cendres sulfuriques  
*p* teor *m* de cinzas sulfatadas
- 6046 sulphonamide**  
(Prod.)  
(Sulpha-drug; against bacterial infections, discovered by Gerhard Domagk in 1935 (bacteriologist, 1895-1964, Nobel prize 1939).)  
*d* Sulfonamid *n*  
*f* sulfonamide *m*; sulfamide *m*  
*p* sulfonamida *f*
- 6047 sulphonamides are sulphur-containing compounds**  
(Ant.)  
(Bacterial growth preventing sulpha drug.)  
*d* Sulfonamide *npl* sind schwefelhaltige Verbindungen  
*f* sulfonamides *mpl* sont des composés contenant du soufre; sulfamides *mpl* sont des composés contenant du soufre  
*p* sulfonamidas *fpl* são compostos contendo enxofre
- 6048 sulphonamides inhibit bacterial proliferation**  
(Ant.)  
(Ref. to bacteriostatic action of sulphonamides.)  
*d* Sulfonamide *npl* hemmen die Proliferation von Bakterien  
*f* sulfonamides *mpl* inhibent la prolifération des bactéries  
*p* sulfonamidas *fpl* inibem a proliferação das bactérias; sulfonamidas inibem a proliferação bacteriana
- 6049 sulphonamides with retarded action**  
(Ant.)  
(Ref. to the permanence (by plasma-protein-binding) of the sulphonamides in the organism.)  
*d* Langzeitsulfonamide *npl*  
*f* sulfamides *mpl* à action retard  
*p* sulfonamidas *fpl* de ação prolongada
- \* sulphonamides with semi-delayed action → 6050
- 6050 sulphonamides with semi-retarded action; sulphonamides with semi-delayed action**  
(Ant.)  
(Ref. to velocity of intestinal absorption and permanence of the sulphonamides in the organism.)  
*d* Mittelzeit-Sulfonamide *npl*  
*f* sulfamides *mpl* à action semi-retard  
*p* sulfonamidas *fpl* de ação semi-retardada
- 6051 sulphonylurea**  
(Prod.)  
(Medicinal drug for blood glucose level reduction in diabetes mellitus; see entry: antidiabetic medicinal drug.)  
*d* Sulfonylharnstoff *m*  
*f* sulfonyleurée *f*  
*p* sulfoniluréia *f*
- 6052 sundew; drosera**  
(Phyto.)  
(Medicinal plant; medicinal plant; e.g. "Drosera rotundifolia L.". Use: antitussive.)  
*d* Sonnentau *m*; Drosera *f*  
*f* droséra *f*; rossolis *m*  
*p* drósera *f*
- 6053 superadditive acting combination of active principles**  
(Prod.)  
(Pharmaceutical technology; ref. to the production of medicaments.)  
*d* überadditiv wirkende Kombination *f* von Wirkstoffen  
*f* action *f* suradditive de combinaison de principes actifs  
*p* ação *f* de sobreadição do composto de princípios ativos
- 6054 superadditive effect of antibiotics**  
(Ant.)  
(Ref. to combination of various antibiotics in therapy; see entry: synergism of antibiotic substances; interaction of antibiotic substances.)  
*d* überadditive Wirkung *f* der Antibiotika  
*f* effet *m* suradditif des antibiotiques  
*p* efeito *m* de sobreadição dos antibióticos
- 6055 superficial dissemination of pathogenic germs**  
(Med.)  
(Type of microbial attack.)  
*d* Oberflächenbefall *m* von pathogenen Keimen; Oberflächenbefall *m* pathogener Keime  
*f* dissémination *f* superficielle des germes pathogènes  
*p* disseminação *f* superficial de germes patogênicos



- \* **superficial evaporation** → 6086
- \* **superficial pain** → 3851
- 6056 superimposed layers**  
(Prod.)  
(Pharmaceutical processes; tableting; multilayer coating.)  
*d* übereinandergelagerte Schichten *fpl*  
*f* couches *fpl* superposées  
*p* camadas *fpl* superpostas; camadas *fpl* sobrepostas
- 6057 superimposed layers by successive compression**  
(Prod.)  
(Pharmaceutical processes; ref. to "multilayer tablet", see entry; multilayer coating.)  
*d* übereinandergelagerte Schichten *fpl* durch aufeinanderfolgende Verpressungen  
*f* couches *fpl* superposées par compression successive  
*p* camadas *fpl* superpostas por compressão sucessiva; camadas *fpl* sobrepostas por compressão sucessiva
- 6058 superinfection**  
(Med.)  
(A new infection occurring during the course of a previous one.)  
*d* Superinfektion *f*; wiederholte Infektion *f*  
*f* superinfection *f*  
*p* superinfecção *f*
- 6059 superior coating layer of the tablet**  
(Prod.)  
(Pharmaceutical technology; film-forming process.)  
*d* obere Überzugsschicht *f* der Tablette  
*f* couche *f* supérieure de l'enrobage du comprimé  
*p* camada *f* superior do revestimento do comprimido
- 6060 superior concentration than the inhibitory concentration**  
(Pharm.)  
(Ref. to plasmatic drug concentration and its effectiveness against microorganisms.)  
*d* höhere Konzentration *f* als die hemmende Konzentration  
*f* concentration *f* supérieure à la concentration inhibitrice  
*p* concentração *f* superior à concentração inibitória
- 6061 supernatant liquid**  
(Prod.)  
(Pharmaceutical technology.)  
*d* flüssiger Oberflächenfilm *m*  
*f* couche *f* supérieure de liquide  
*p* camada *f* superior do líquido
- 6062 supernatant liquid film**  
(Prod.)  
(Pharmaceutical technology.)  
*d* flüssiger Oberflächenfilm *m*  
*f* couche *f* supérieure du liquide; couche *f* surnageante du liquide  
*p* camada *f* superior do líquido
- 6063 superposition process of the medicamentous molecule and its receptor**  
(Mol.)  
(Research and development of active principles, of drugs; ref. to fixation/activity probability/possibility of the molecule.)  
*d* Prozess *m* der Überlagerung des medikamentösen Moleküls und seines Rezeptors  
*f* processus *m* de superposition de la molécule médicamenteuse et son récepteur  
*p* processo *m* de superposição da molécula medicamentosa e seu receptor
- \* **supersaturated condition** → 6064
- 6064 supersaturated state; supersaturated condition**  
(Prod.)  
(Pharmaceutical processes; ref. to saturated vapour when cooled down.)  
*d* übersättigter Zustand *m*  
*f* état *m* sursaturé; condition *f* de sursaturation  
*p* estado *m* supersaturado; condição *f* de supersaturação
- 6065 suppository**  
(Prod.)  
(Pharmaceutical technology; pharmaceutical form.)  
*d* Zäpfchen *n/npl*; Suppositorium *n*  
*f* suppositoire *m*  
*p* supositório *m*
- 6066 suppository base**  
(Prod.)  
(Pharmaceutical technology; auxiliary for elaboration of the pharmaceutical form)  
*d* Zäpfchenbase *f*; Suppositoriumsbase *f*  
*f* base *f* de suppositoires  
*p* base *f* para supositórios
- 6067 suppository made from a soft preparation**  
(Prod.)  
(Pharmaceutical technology; production characteristic.)

- d* Zäpfchen *n/npl* aus einem weichen Präparat gemacht
- f* suppositoire *f* faite d'une préparation molle
- p* supositório *f* feito de uma preparação mole
- 6068 suppository of an undeformable exterior aspect of presentation**  
(Prod.)  
(Pharmaceutical chemistry; ref. to product characteristic, product aspect.)
- d* Zäpfchen *n/npl* eines unverformbaren äußeren Aussehens
- f* suppositoire *m* d'un aspect de présentation indéformable
- p* supositório *m* de um aspecto de apresentação indeformável
- 6069 suppression of hydrolysis**  
(Prod.)  
(Pharmaceutical technology.)
- d* Suppression *f* der Hydrolyse *f*;  
Unterdrückung *f* der Hydrolyse
- f* suppression *f* de l'hydrolyse
- p* supressão *f* da hidrólise
- \* **suppression of sensibility to pain** → 380
- 6070 suppression of vitamin supply**  
(Vit.)  
(Consequence in alimentary regimens constitute vitamin deficiencies: e.g. see: beriberi, scurvy.)
- d* Suppression *f* der Vitaminszufuhr;  
Zurückdrängung *f* der Vitaminszufuhr
- f* suppression *f* d'apport de vitamines
- p* supressão *f* de aporte de vitaminas
- 6071 suppression therapy**  
(Pharm.)  
(Ref. to malaria treatment: inhibition of schizonts (sporozoans) in the red blood corpuscles.)
- d* Suppressionstherapie *f*
- f* thérapie *f* de suppression
- p* terapia *f* de supressão
- 6072 suprarenal**  
(Anat.)  
(Suprarenal part.)
- d* Nebenniere *f*
- f* capsule *f* surrénale
- p* cápsula *f* supra-renal
- 6073 suprarenal androgen**  
(Horm.)  
(Androgen sources: adrenal cortex (the cortex is one of the two suprarenal glands and produces the hormone; the other gland, the medulla, produces adrenaline etc.); testis and ovaries.)
- d* Androgene *npl* der Nebenniere
- f* androgènes *mpl* surrénaliens; androgènes *mpl* surrénaux
- p* androgênios *mpl* suprarenais
- 6074 suprarenal cortex**  
(Horm.)  
(Adrenal cortex; synthesis site of corticosteroid (corticoid) hormones.)
- d* Nebennierenrinde *f*
- f* corticosurrénal *f*
- p* córtex *m* supra-renal
- 6075 suprarenal cortex hormone**  
(Horm.)  
(E.g. desoxycorticosterone, adrenalin[e], etc. corticosterone.)
- d* Nebennierenrindenhormon *n*
- f* hormone *f* corticosurrénale
- p* hormônio *m* do córtex supra-renal
- 6076 suprarenal cortex hormones belong to the steroids**  
(Horm.)  
(Ref. to desoxycorticosterone, adrenalin[e], etc. corticosterone.)
- d* Nebennierenrindenhormone *npl* gehören zu den Steroiden
- f* hormones *fpl* corticosurrénales appartiennent à des stéroïdes
- p* hormônios *mpl* do córtex supra-renal pertencem aos esteróides
- \* **suprarenal corticoid-synthesis** → 6077
- 6077 suprarenal corticosteroid-synthesis; suprarenal corticoid-synthesis**  
(Horm.)  
(Ascorbic acid (vitamin C), e.g. protects the action of the hydrolases (hydrolytic enzymes), thus promoting this type of synthesis.)
- d* Synthese *f* der Nebennieren-Kortikosteroide;  
Synthese *f* der Nebennieren-Kortikoide
- f* synthèse *f* des corticostéroïdes surrénaliens;  
synthèse *f* des corticoïdes surrénaliens
- p* síntese *f* dos corticosteróides supra-renais;  
síntese *f* dos corticoïdes supra-renais
- 6078 suprarenal glands**  
(Med.)  
(Endocrine glands: adrenal glands; adrenaline, noradrenaline and corticosteroid hormones producing glands.)
- d* Nebennierendrüsen *fpl*

- f* glandes *fpl* surrénales; glandes *fpl* surrénaliennes  
*p* glândulas *fpl* suprarenais
- 6079 suprarenal medulla**  
 (Anat.)  
 (Internal part of the suprarenal region, secreting adrenaline, a suprarenal medulla hormone.)  
*d* Nebennierenmark *n*  
*f* médullosurrénale *f*  
*p* medula *f* suprarenal
- 6080 suprarenal medulla hormone**  
 (Horm.)  
 (Adrenaline (epinephrine), noradrenaline (norepinephrine).)  
*d* Nebennierenmarkhormon *n*  
*f* hormone *f* de la médullosurrénale  
*p* hormônio *m* da medula supra-renal
- 6081 suprarenal steroids**  
 (Horm.)  
 (Synthesis of which is promoted by pantothenic acid (vitamin B) together with the coenzyme A.)  
*d* Nebennierensteroide *npl*  
*f* stéroïdes *mpl* surrénaliennes; stéroïdes *mpl* surrénaux  
*p* steróides *mpl* suprarenais
- \* **surface active agent** → 6094
- 6082 surface active synthetic detergents**  
 (Prod.)  
 (Pharmaceutical technology; free of soap, emulsifying, water-soluble or liquid chemical preparations with wetting properties.)  
*d* oberflächenaktive synthetische Detergenzien *npl*  
*f* détergents *mpl* tensio-actifs synthétiques; détergents-surfactifs *mpl* synthétiques  
*p* detergentes *mpl* tensoativos sintéticos
- 6083 surface area of the crystals**  
 (Prod.)  
 (Pharmaceutical technology; substance characteristic.)  
*d* Oberflächenbereich *m* der Kristalle  
*f* aire *f* de surface des cristaux  
*p* área *f* superficial dos cristais
- 6084 surface culture of bacteria**  
 (Prod.)  
 (Pharmaceutical technology; e.g. ref. to culture processes of germs for cultivation in nutrient media.)  
*d* Oberflächenkultur *f* von Bakterien
- f* culture *f* en surface de bactéries  
*p* cultura *f* de superfície de bactérias
- 6085 surface determination of powder particles**  
 (Prod.)  
 (Pharmaceutical processes: ref. to production and characteristics of pharmaceutical powders: by "particle size studies", see entry.)  
*d* Oberflächenbestimmung *f* der Pulverteilchen  
*f* détermination *f* de la surface des particules de la poudre  
*p* determinação *f* da superfície das partículas do pó
- 6086 surface evaporation; superficial evaporation**  
 (Prod.)  
 (Pharmaceutical processes.)  
*d* Oberflächenverdunstung *f*  
*f* évaporation *f* en surface; évaporation *f* superficielle  
*p* evaporação *f* superficial
- 6087 surface of the medicamentous molecule**  
 (Prod.)  
 (Pharmaceutical chemistry: ref. to van der Waals volume (Dutch physicist, Johannes D. van der Waals, 1837-1923). Forces: attractive forces between atoms or molecules.)  
*d* Oberfläche *f* des medikamentösen Moleküls  
*f* surface *f* de la molécule médicamenteuse  
*p* superfície *f* da molécula medicamentosa
- 6088 surface of the tablet core**  
 (Prod.)  
 (Pharmaceutical technology; ref. to tableting (see entries).)  
*d* Oberflächen *f* des Tablettkernes  
*f* surface *f* du noyau du comprimé  
*p* superfície *f* do núcleo do comprimido
- 6089 surface of the vitamin tablet**  
 (Vit.)  
 (Vitamin technology; final production process.)  
*d* Oberfläche *f* der Vitamintablette  
*f* surface *f* du comprimé vitaminiques  
*p* superfície *f* do comprimido de vitaminas
- 6090 surface tension**  
 (Mol.)  
 (Ref. to molecular interactions within a liquid.)  
*d* Oberflächenspannung *f*  
*f* tension *f* superficielle  
*p* tensão *f* superficial

- 6091 surface tension forces of emulsion phases**  
(Prod.)  
(Pharmaceutical chemistry; ref. to dispersion/emulsion research.)  
*d* Kräfte *fpl* der Oberflächenspannung der Phasen einer Emulsion;  
Oberflächenspannungskräfte *fpl* der Phasen einer Emulsion  
*f* forces *fpl* de tension superficielle des phases d'une émulsion  
*p* forças *fpl* de tensão superficial das fases de uma emulsão
- 6092 surface tension of a liquid**  
(Mol.)  
(Ref. to molecular interactions within a liquid.)  
*d* Grenzflächenspannung *f* einer Flüssigkeit  
*f* tension *f* interfaciale d'un liquide  
*p* tensão *f* interfacial de um líquido
- 6093 surface tension of solutions**  
(Prod.)  
(Pharmaceutical technology; physical characteristic of solutions.)  
*d* Oberflächenspannung *f* von Lösungen  
*f* tension *f* superficielle des solutions  
*p* tensão *f* superficial das soluções
- 6094 surfactant; surface active agent**  
(Prod.)  
(Pharmaceutical technology: substance (also detergent, see this entry) which reduces surface tension in liquids, thus increasing the wetting properties of the same.)  
*d* Tensid *n*  
*f* surfactif *m*; tension-actif *m*  
*p* tensoativo *m*
- 6095 surfactant and antiseptic properties**  
(Pharm.)  
(Surface-active drugs based on quaternary ammonium (see this entry), for buccal treatment.)  
*d* oberflächenbenetzungs- und antiseptische Eigenschaften *fpl*  
*f* propriétés *fpl* tension-actifs et antiseptiques  
*p* propriedades *fpl* tensoativas e surfactantes
- 6096 surfactant properties**  
(Prod.)  
(Pharmaceutical technology; ref. to surfactants, having e.g. both, hydrophilic and lipophilic properties.)  
*d* Tensideigenschaften *fpl*  
*f* propriétés *fpl* de l'agent de surface; propriétés *fpl* d'un tension-actif  
*p* características *fpl* tensoativas
- 6097 surfactants as wetting agents**  
(Prod.)  
(Pharmaceutical technology: e.g. sodium lauryl sulfate (C<sub>12</sub>H<sub>25</sub>NaO<sub>4</sub>S); in tableting.)  
*d* Tenside *npl* als Befeuchtungsmittel  
*f* tension-actifs *mpl* comme mouillants  
*p* tensoativo *mpl* como humectante
- 6098 surfactants based on fatty alcohol; surfactants derived from a fatty alcohol**  
(Prod.)  
(Pharmaceutical chemistry; type of a surfactant.)  
*d* Tenside *npl* auf Basis von Fettalkohol; vom Fettalkohol abgeleitete Tenside *npl*  
*f* tensioactifs *mpl* à base d'un alcool gras; tensioactifs *mpl* dérivés d'un alcool gras  
*p* tensoativos *mpl* à base de um álcool graxo; tensoativos *mpl* dedrivaados de um álcool graxo
- \* **surfactants derived from a fatty alcohol → 6098**
- 6099 surfactant's flow; rheology of a surfactant**  
(Prod.)  
(Pharmaceutical chemistry; rheology; ref. to flow characteristics e.g. to: surfactant properties, see this entry; flow analysis.)  
*d* Fließverhalten *n* eines Tensids; Rheologie *f* eines Tensids  
*f* propriétés *fpl* de l'écoulement des tensioactifs; rhéologie *f* des tensioactifs  
*p* característica *f* de fluxo de tensoativos; reologia *f* de tensoativos
- 6100 surgical diathermy**  
(Therapy, using alternating high-frequency current (AC) for tissue destruction.)  
*d* chirurgische Diathermie *f*  
*f* diathermie *f* chirurgicale  
*p* diatermia *f* cirúrgica
- 6101 surgical incision**  
(Med.)  
(Ref. to surgical tissue cutting.)  
*d* operativer Einschnitt *m*  
*f* incision *f* opératoire  
*p* incisão *f* cirúrgica
- 6102 susceptibility of sugar coatings to cracking**  
(Prod.)  
(Pharmaceutical technology: ref. to the use of auxiliary products (e.g. PVP) to avoid the occurrence of this defect.)  
*d* Anfälligkeit *f* von Zuckerfilmüberzügen zur Rissbildung

- f* susceptibilité *f* des revêtements à sucre à des formations de fissures
- p* suscetibilidade *f* dos revestimento à base de açúcar à formação de craquelês
- 6103 susceptible strains; sensitive stems**  
(Med.)  
(Ref. to microorganisms, to e.g. antibiotics.)
- d* anfällige Stämme *mpl*; empfindliche Stränge *mpl*
- f* souches *fpl* susceptibles; souches *fpl* sensibles
- p* cepas *fpl* suscetíveis; raças *fpl* sensíveis
- 6104 susceptible adj to fermentation**  
(Prod.)  
(Pharmaceutical chemistry; product characteristic.)
- d* gärungsempfindlich
- f* fermentescible
- p* fermentescível; fermentescente
- 6105 suspension as a retard form by parenteral route**  
(Prod.)  
(Pharmaceutic technology.)
- d* Suspension *f* als verzögerte Freigabeform auf parenteralem Wege
- f* suspension *f* comme forme retard par la voie parentérale
- p* suspensão *f* como forma de retarde por via parenteral
- 6106 suspension colloid**  
(Prod.)  
(Pharmaceutical chemistry; colloid type; see entry: suspension.)
- d* Suspensionskolloid *n*
- f* colloïde *m* de suspension
- p* coloide *m* de suspensão
- 6107 suspension: dispersed system of insoluble solid particles having a larger size than a colloid**  
(Prod.)  
(Pharmaceutical chemistry.)
- d* Suspension *f*: disperses System aus unlöslichen Feststoffteilchen oberhalb kolloidaler Größe
- f* suspension *f*: système dispersé de particules solides insolubles de taille supérieure à celle d'un colloïde
- p* suspensão *f*: sistema disperso de partículas sólidos insolúveis de tamanho superior a um colóide
- 6108 suspension: dispersion of a solid phase within a liquid phase, without solubility**  
(Prod.)
- (Pharmaceutical chemistry; ref. to suspension characteristic: the solid phase does not turn soluble within the liquid phase.)
- d* Suspension *f*: Dispersion einer festen Phase innerhalb einer flüssigen Phase, ohne Lösbarkeit
- f* suspension *f*: dispersion d'une phase solide au sein d'une phase liquide, sans solubilité
- p* suspensão *f*: dispersão de uma fase sólida dentro de uma fase líquida, sem solubilidade
- 6109 suspension for automatic sugar coating processes**  
(Prod.)  
(Pharmaceutical technology: ref. to tableting processes; see entry: automation of the sugar coating process.)
- d* Suspension *f* für den automatischen Zuckerfilmüberzugs-Prozess
- f* suspension *f* pour le processus automatique de l'élaboration des revêtements à sucre
- p* suspensão *f* para o processo automático de elaboração de revestimentos à base de açúcar
- 6110 suspension stability**  
(Prod.)  
(Pharmaceutical technology.)
- d* Suspensionsstabilität *f*
- f* stabilité *f* de la suspension
- p* estabilidade *f* da suspensão
- 6111 suspension stabilizer**  
(Prod.)  
(Pharmaceutical technology.)
- d* Suspensionsstabilisator *m*
- f* stabilisant *m* pour suspensions
- p* estabilisante *m* de suspensões
- 6112 sustained action of an active principle**  
(Prod.)  
(Pharmaceutical technology; ref. to delayed liberation properties of a pharmaceutical form.)
- d* anhaltende Wirkung *f* einer aktiven Substanz
- f* action *f* prolongée d'une principe actif
- p* ação *f* prolongada de um principio ativo
- 6113 sustained action of suspensions**  
(Prod.)  
(Pharmaceutic technology; ref. to delayed action of active principles in form of suspensions, as e.g. in antimicrobial medication.)
- d* anhaltende Wirkung *f* von Suspensionen
- f* action *f* soutenue des suspensions
- p* ação *f* continuada das suspensões

- 6114 sustained hormonal action**  
(Horm.)  
(E.g. ref. to implanted tablets: hormonal pellets.)  
*d* langanhaltende Hormonwirkung *f*  
*f* action *f* hormonale de longue durée  
*p* ação *f* hormonal de longa duração
- 6115 sustained-release dosage form**  
(Prod.)  
(Pharmaceutical technology; characteristic of a final pharmaceutical product form.)  
*d* Dosierungsform *f* zur verzögerten Freigabe  
*f* forme *f* de dosage de retardament de la libération  
*p* forma *f* de dosagem retardamento da liberação; forma *f* de liberação prolongada
- 6116 sustained release of the active agent**  
(Prod.)  
(Pharmaceutical technology.)  
*d* anhaltende Freigabe *f* des Wirkstoffes  
*f* libération *f* à effet entretenu du principe actif  
*p* liberação *f* prolongada do agente ativo; liberação *f* prolongada da substância ativa
- 6117 sustained release of the active principle**  
(Prod.)  
(Pharmaceutical technology; tablet property releasing the active agent gradually and continually.)  
*d* anhaltende Freisetzung *f* des Wirkstoffes; andauernde Wirkstoff-Freisetzung *f*  
*f* libération *f* continueuelle du principe actif  
*p* liberação *f* sustentada do princípio ativo; liberação *f* continuada do princípio ativo
- 6118 sustained-release vitamin product**  
(Vit.)  
(Pharmaceutical form.)  
*d* anhaltend freigebendes Vitaminprodukt *n*  
*f* produit *m* vitaminique de libération à effet entretenu  
*p* produto *m* vitamínico de liberação prolongada
- 6119 sustained-release vitamin tablet/capsule**  
(Vit.)  
(Vitamin technology; ref. generally to pharmaceutical vitamin C (ascorbic acid) preparations.)  
*d* Vitamintablette *f*; Vitaminkapsel *f* mit Langdauereffekt  
*f* capsule *f* comprimé *m* vitaminique à effet de longue durée  
*p* comprimido *m* cápsula *f* de vitamina de ação prolongada
- 6120 sustained vitamin release**
- (Vit.)  
(Vitamin technology; e.g. ref. to vitamin dragée-structure.)  
*d* verzögerte Vitamin-Freigabe *f*  
*f* retardament *m* de la libération de la vitamine  
*p* retardamento *m* da liberação da vitamina; liberação *f* prolongada da vitamina
- 6121 sweet almond oil**  
(Phyto.)  
("Amygdalus communis L., Rosaceae"; use – internal: laxative, external: skin treatment.)  
*d* Öl *n* süßer Mandeln  
*f* huile *f* d'amandes douces  
*p* óleo *m* de amêndoas doces
- 6122 sweetener**  
(Prod.)  
(Pharmaceutical technology: edulcorant: non-nutritive, sweetening auxiliary, can be of natural or artificial origin; e.g. in syrups, medicinal juices etc.)  
*d* Süßstoff *m*  
*f* édulcorant *m*  
*p* edulcorante *m*; adoçante *m*
- 6123 swell *v*; rise *v***  
(Prod.)  
(Pharmaceutical technology; ref. to powder grains during processing.)  
*d* aufschwellen; anschwellen; aufgehen  
*f* gonfler; enfler  
*p* crescer; inchar
- 6124 swelling**  
(Prod.)  
(Pharmaceutical technology; e.g. ref. to raw material; material characteristic.)  
*d* Anschwellung *f*; Anschwellen *n*  
*f* gonflement *m*  
*p* inchação *f*; inchamento *m*
- 6125 swelling capacity**  
(Prod.)  
(Pharmaceutical technology; e.g. characteristic of a compressed powder in water.)  
*d* Schwellkapazität *f*  
*f* capacité *f* de gonflement  
*p* capacidade *f* de inchamento
- 6126 swelling effect**  
(Prod.)  
(Pharmaceutical chemistry; ref. to properties of certain active substances and auxiliaries.)  
*d* Schwelleffekt *m*; Quelleffekt *m*  
*f* effet *m* gonflant; effet *m* de gonflement  
*p* efeito *m* de inchamento

- 6127 swelling effect of the auxiliary**  
(Prod.)  
(Pharmaceutical technology; ref. to characteristics of certain auxiliaries.)  
*d* Anschwellwirkung *f* des Hilfsmittels  
*f* effet *m* de gonflement du produit auxiliaire  
*p* efeito *m* de inchação de produto auxiliar
- 6128 swelling polymer**  
(Prod.)  
(Pharmaceutical technology; product characteristic; ref. to the popcorn polymer.)  
*d* quellfähiges Polymer *n*  
*f* polymère *m* gonflant  
*p* polímero *m* com capacidade de inchamento
- 6129 swelling polymers**  
(Prod.)  
(Pharmaceutical technology; auxiliary.)  
*d* anschwellende Polymere *npl*  
*f* polymères *mpl* gonflants  
*p* polímeros *mpl* incháveis
- 6130 swelling pressure**  
(Prod.)  
(Pharmaceutical technology; e.g. characteristic of a compressed powder in water.)  
*d* Schwelldruck *m*; Anschwelldruck *m*  
*f* pression *f* de gonflement  
*p* pressão *f* de inchação
- 6131 swelling pressure in tablets**  
(Prod.)  
(Pharmaceutical technology; characteristic of certain auxiliaries (when in contact with solvents) in tablets, e.g. of insoluble polyvidone (crospovidone).)  
*d* Schwelldruck *m* in Tabletten; Anschwelldruck *m* in Tabletten  
*f* pression *f* de gonflement dans des comprimés  
*p* pressão *f* de inchamento em comprimidos; pressão *f* de inchação em comprimidos
- 6132 swelling properties**  
(Prod.)  
(Pharmaceutical technology; ref. to auxiliary polymers with swelling characteristics.)  
*d* Schwelleigenschaften *fpl*  
*f* propriétés *fpl* gonflantes  
*p* propriedades *fpl* de inchamento; propriedades *fpl* de inchação
- 6133 swelling volume**  
(Prod.)  
(Pharmaceutical chemistry; ref. to product characteristic e.g. of certain auxiliaries as  
crospolyvidone/crospovidone.)  
*d* Schwellvolumen *n*; Volumen *n* unter Anschwellung  
*f* volume *m* gonflant  
*p* volume *m* de inchamento; volume *m* de inchação
- 6134 swelling volume of compacted powder**  
(Prod.)  
(Pharmaceutical chemistry; e.g. ref. to characteristics of insoluble polyvidone (crospolyvidone).)  
*d* Schwellvolumen *n* von kompaktiertem Pulver  
*f* volume *m* gonflant de la poudre compactée  
*p* volume *m* de inchamento do pó compactado; volume *m* de inchação do pó compactado
- 6135 swelling volume of the particles**  
(Prod.)  
(Pharmaceutical chemistry; e.g. ref. to characteristics of insoluble polyvidone (crospolyvidone).)  
*d* Schwellvolumen *n* der Partikel; Teilchenschwellvolumen *n*  
*f* volume *m* gonflant des particules  
*p* volume *m* de inchamento das partículas; volume *m* de inchação das partículas
- 6136 swelling without gel formation**  
(Prod.)  
(Pharmaceutical technology.)  
*d* Anschwellung *f* ohne Gelbildung  
*f* gonflement *m* sans formation de gel  
*p* inchação *f* sem formação de gel
- 6137 symmetric parestesia**  
(Med.)  
(Sensation of creeping etc. on the skin, e.g. due to vitamin B<sub>12</sub>-deficiency.)  
*d* symmetrische Paresthesie *f*; symmetrisches abnormes Empfinden *n*  
*f* paresthésie *f* symétrique  
*p* parestesia *f* simétrica
- 6138 sympathetic nervous system**  
(Anat.)  
(Part of the autonomic nervous system together with the parasympathic nervous system.)  
*d* sympathischen Nervensystem *n*  
*f* système *m* nerveux sympathique  
*p* sistema *m* nervoso simpático
- 6139 sympatholytics *pl*; sympatholytics *pl***  
(Prod.)  
(Substances blocking the sympathetic nervous system; antiadrenergic effect.)  
*d* Sympathikolytika *npl*

- f* médicaments *mpl* sympathicolytiques  
*p* medicamentos *mpl* simpaticolíticos
- 6140 sympathicomimetics pl; sympathomimetics pl**  
(Prod.)  
(A sympathetic nervous system stimulating medicament.)  
*d* Sympathikomimetika *npl*  
*f* médicaments *mpl* sympathicomimétiques  
*p* simpaticomiméticos *mpl*
- 6141 sympatholytic**  
(Prod.)  
(Medicinal drug opposing the effects of the sympathetic nervous system (Autonomic nervous system). See also entry: parasympatholytic.)  
*d* Sympatholytikum *n*  
*f* médicament *m* sympathicolytique  
*p* medicamento *m* simpaticolítico
- \* **sympatholytics** → **6139**
- 6142 sympathomimetic**  
(Prod.)  
(The sympathetic nervous system stimulating medicinal drug.)  
*d* Sympathomimetikum *n*  
*f* médicament *m* sympathicomimétique  
*p* medicamento *m* simpaticomimético
- \* **sympathomimetics** → **6140**
- 6143 symptomatic headache**  
(Med.)  
(Accompanying headache, e.g. in case of meningitis.)  
*d* symptomatischer Kopfschmerz *m*  
*f* mal *m* de tête symptomatique  
*p* dor *f* de cabeça sintomática
- 6144 symptomatic treatment; treatment aimed at the symptoms**  
(Med.)  
(Ref. to a type of treatment of certain diseases.)  
*d* symptomatische Behandlung *f*; auf die Symptome ausgerichtete Behandlung *f*  
*f* traitement *m* symptomatique; traitement *m* dirigé sur les symptômes  
*p* tratamento *m* sintomático; tratamento *m* direcionado aos sintomas
- 6145 symptoms of acute vitamin overdose**  
(Vit.)  
(Vitamin physiology; hypervitaminosis; e.g. ref. to vitamin A.)
- d* akute  
Vitamin-Überdosierungserscheinungen *fpl*  
*f* surdosages *mpl* aigus de vitamines  
*p* superdosagens *fpl* agudas de vitaminas
- 6146 symptoms of hypervitaminoses; signs of hypervitaminoses**  
(Vit.)  
(Vitamin physiology.)  
*d* Symptome *npl* von Hypervitaminosen; Anzeichen *npl* von Hypervitaminosen  
*f* symptômes *mpl* d'hypervitaminoses; signes *mpl* d'hypervitaminoses  
*p* sintomas *fpl* de hipervitaminoses; indícios *mpl* de hipervitaminoses
- 6147 synapse**  
(Med.)  
(Gap, at the end of a nerve fibre, between one neuron[e] to the next one; across this gap pass nerve impulses by means of a neurotransmitter.)  
*d* Synapse *f*  
*f* synapse *f*  
*p* sinapse *f*
- 6148 syndrome; clinical picture consisting of a complex of symptoms**  
(Med.)  
(Syndrome – symptoms.)  
*d* Syndrom *n*; aus einem Symptomenkomplex bestehendes Krankheitsbild *n*  
*f* syndrome *m*; entité *f* clinique constituant en un complexe de symptômes  
*p* síndrome *f*; quadro *m* clínico consistindo num complexo de sintomas
- 6149 synergic activity**  
(Vit.)  
(Ref. to vitamins/enzymes: interaction of products resulting in increased activity of the total.)  
*d* synergetische Wirkung *f*  
*f* effet *m* synergique  
*p* efeito *m* sinérgico
- 6150 synergic effect of antibiotic associations**  
(Ant.)  
(Ref. to the combination process of certain antibiotics in treatment.)  
*d* synergetischer Wirkungserfolg *m* von Antibiotikaassoziationen (Antibiotika-Assoziationen)  
*f* effet *m* synergique des associations antibiotiques  
*p* efeito *m* sinérgico de associações antibióticas



- 6151 synergism of antibiotic substances; interaction of antibiotic substances**  
(Ant.)  
(Combination of various antibiotics in therapy; synergism is a form of interaction where the substances promote each other.)  
*d* Synergismus *m* antibiotischer Substanzen; Zusammenwirken *n* antibiotischer Substanzen  
*f* synergie *f* des substances antibiotiques; interaction *f* des substances antibiotiques  
*p* sinergia *f* das substâncias antiobióticas; interação *f* das substâncias antiobióticas
- 6152 synergist**  
(Prod.)  
(Pharmaceutical chemistry; substances which complement each other or add to each other in their potency in the realization of a certain effect.)  
*d* Synergist *m*  
*f* synergiste *m*; agent *m* augmentant la synergie  
*p* agente *m* sinérgico; substância *f* sinérgica
- \* **synergistic action** → **6154**
- 6153 synergistic drug**  
(Prod.)  
(A drug having active principles acting in synergism, i.e. the way that the total effect is greater than the sum of the individual ones.)  
*d* synergistisches Arzneimittel *n*  
*f* médicament *m* synergistique  
*p* medicamento *m* sinérgico
- 6154 synergistic effect; synergistic action**  
(Prod.)  
(Pharmaceutical technology. See: synergy.)  
*d* synergische Wirkung *f*  
*f* effet *m* synergistique; action *f* synergistique  
*p* efeito *m* sinérgico; ação *f* sinérgica
- 6155 synergy**  
(Prod.)  
(Pharmaceutical technology; interaction of different substances in the way that the total effect results greater than the sum of effects of the single components.)  
*d* Synergismus *m*  
*f* synergie *f*  
*p* sinergia *f*
- 6156 synonym of the product**  
(Prod.)  
(Pharmaceutical technology; in case of multiple product names.)  
*d* Synonym *n* des Produktes  
*f* synonyme *m* du produit  
*p* sinônimo *m* do produto
- 6157 synthase**  
(Enz.)  
(Enzyme which catalyses two substances into a third one.)  
*d* Synthase *f*  
*f* synthase *f*; synthétase *f*  
*p* sintase *f*
- 6158 synthesis (syntheses *pl*): formation of chemical compounds from more simple substances**  
(Prod.)  
(Pharmaceutical technology.)  
*d* Synthese(n) *f* (*fpl*): Aufbau chemischer Verbindungen aus einfacheren Stoffen  
*f* synthèse(s) *f* (*fpl*): formation des composés chimiques à partir des substances plus simples  
*p* síntese(s) *f* (*fpl*): formação de compostos químicos a partir de substâncias mais simples
- 6159 synthesis-antifungus; chemical antifungus**  
(Ant.)  
(Agent active against certain fungi.)  
*d* Synthesepilzmittel *n*; chemisches Pilzmittel *n*  
*f* antifongique *m* de synthèse; antifongique *m* chimique  
*p* antifúngo *m* de síntese; antifungo *m* químico
- \* **synthesis component** → **6162**
- 6160 synthesis course of nicotinamide: starts with the action of thionyl chloride on nicotinic acid**  
(Vit.)  
(Nicotinic acid amide; niocinamide (vitamin B<sub>3</sub>, PP) [obs. eventual patents].)  
*d* Synthesekurs *m* des Nicotinsäureamids beginnt mit dem Eingriff von Thionylchlorid auf Nicotinsäure  
*f* cours *m* de la synthèse de la nicotinamide à partir de l'action du chlorure de thionyle sur l'acide nicotinique  
*p* curso *m* da síntese da nicotinamida a partir da ação do cloro de tionila sobre o ácido nicotínico
- 6161 synthesis course of vitamin B<sub>2</sub> from: alloxan, o-xylol, D-ribose**  
(Vit.)  
(Synthesis start of riboflavin (obs. eventual patents).)  
*d* Synthesekurs *m* von Vitamin B<sub>2</sub>, ausgehend von: Alloxan, o-Xylol, D-Ribose  
*f* cours *m* de la synthèse de la vitamine B<sub>2</sub> à partir de: alloxane, o-xylol, D-ribose  
*p* curso *m* da síntese de vitamina B<sub>2</sub> a partir do: aloxana, o-xilol, da D-ribose

- 6162 synthesis element; synthesis component**  
(Prod.)  
(Pharmaceutical technology; ref. to synthesis components in synthesis-processes: substance elaborations.)  
*d* Synthesebaustein *m*  
*f* élément *m* constitutif de la synthèse; élément *m* constitutif pour la synthèse  
*p* elemento *m* estrutural para a síntese
- 6163 synthesis of acetylcholine**  
(Vit.)  
(Supposed to be favourably influenced by vitamin B<sub>1</sub>.)  
*d* Synthese *f* von Acetylcholin; Acetylcholinsynthese *f*  
*f* synthèse *f* de l'acétylcholine  
*p* síntese *f* de acetilcolina
- 6164 synthesis of amino-acids**  
(Vit.)  
(Vitamin technology; said to be favourably influenced by vitamin H.)  
*d* Aminosäurensynthese *f*  
*f* synthèse *f* des acides aminés  
*p* síntese *f* dos aminoácidos
- 6165 synthesis of cholesterol**  
(Vit.)  
(C<sub>27</sub>H<sub>46</sub>O); promoted by pantothenic acid (vitamin B) together with the coenzyme A.)  
*d* Cholesterinsynthese *f*  
*f* synthèse *f* du cholestérol  
*p* síntese *f* de colesterol
- 6166 synthesis of fatty acids**  
(Vit.)  
(Said to be favourably influenced by vitamin H.)  
*d* Fettsäuresynthese *f*  
*f* synthèse *f* des acides gras  
*p* síntese *f* dos ácidos graxos
- 6167 synthesis of heavy fatty acids**  
(Enz.)  
(Biotechnology; ref. to biochemical synthesis reactions.)  
*d* Synthese *f* von schweren Fettsäuren  
*f* synthèse *f* d'acides gras lourds  
*p* síntese *f* de ácidos graxos pesados
- 6168 synthesis of ketone bodies**  
(Med.)  
(Ref. to ketogenesis; lipid metabolism products of the liver, used e.g. by the heart, muscles and kidneys; regulation of glucose production.)  
*d* Synthese *f* von Ketonkörpern  
*f* synthèse *f* des corps cétoniques  
*p* síntese *f* dos corpos cetônicos
- 6169 synthesis of neurotransmitters**  
(Med.)  
(Inhibited by certain vitamin deficiencies.)  
*d* Synthese *f* von Neurotransmittern  
*f* synthèse *f* des neurotransmetteurs  
*p* síntese *f* dos neurotransmissores
- 6170 synthesis of nucleic acids**  
(Enz.)  
(Ribonucleic acid (RNA) and desoxyribonucleic acid (DNA), present mainly in the nucleus.)  
*d* Synthese *f* der Nukleinsäuren  
*f* synthèse *f* des acides nucléiques  
*p* síntese *f* dos ácidos nucléicos
- 6171 synthesis of nucleic acids promoted by vitamin B<sub>6</sub>**  
(Vit.)  
(Vitamin physiology.)  
*d* Synthese *f* der Nukleinsäuren angeregt durch das Vitamin B<sub>6</sub>  
*f* synthèse *f* des acides nucléiques stimulée par la vitamine B<sub>6</sub>  
*p* síntese *f* dos ácidos nucléicos estimulada pela vitamina B<sub>6</sub>
- 6172 synthesis of nucleotides**  
(Enz.)  
(Nucleotides are compounds having a nitrogen-containing (purine or pyrimidine) base.)  
*d* Synthese *f* der Nucleotide  
*f* synthèse *f* des nucléotides  
*p* síntese *f* dos nucleotídeos
- 6173 synthesis of racemic biotin**  
(Vit.)  
(Vitamin biochemistry; racemic: denoting a compound having the same amounts of dextrorotatory and levorotatory not optically active forms.)  
*d* Synthese *f* von racemischem Biotin  
*f* synthèse *f* de la biotine racémique  
*p* síntese *f* da biotina racêmica
- 6174 synthesis of the bacterial wall**  
(Ant.)  
(Target for antibiotic action.)  
*d* Synthese *f* der Bakterienwand  
*f* synthèse *f* de la paroi bactérienne  
*p* síntese *f* da parede bacteriana

- 6175 synthesis of vitamin A aldehyde: by vitamin A oxidation, also: of beta-carotene oxidation**  
(Vit.)  
(Vitamin A (retinol): C<sub>20</sub>H<sub>30</sub>O to vitamin A aldehyde (retinal): C<sub>20</sub>H<sub>28</sub>O; see separate entry (obs. eventual patents).)
- d* Synthese *f* von Vitamin A-Aldehyd: durch Oxidierung von Vitamin A, auch: Oxidierung von Beta-Carotin
- f* synthèse *f* de l'aldéhyde de vitamine A: par de l'oxydation de la vitamine A, de même du bêta-carotène
- p* síntese *f* do aldeído de vitamina A: pela oxidação da vitamina A, e também do beta-caroteno
- 6176 synthesis of vitamin D<sub>3</sub> by irradiation of the provitamin 7-dehydrocholesterol**  
(Vit.)  
(C<sub>27</sub>H<sub>44</sub>O; cholecalciferol, vitamin D<sub>3</sub>.)
- d* Synthese *f* von Vitamin D<sub>3</sub> durch Irradiation des Provitamins 7-Dehydrocholesterin
- f* synthèse *f* de la vitamine D<sub>3</sub> par de l'irradiation de la provitamine 7-déhydrocholestérol
- p* síntese *f* da vitamina D<sub>3</sub> pela irradiação da provitamina 7-dehidrocolesterol
- 6177 synthesis of vitamin D by exposure to the sun**  
(Vit.)  
(Vitamin physiology; ref. to the vitamin D-synthesis by the body.)
- d* Vitamin D-Synthese *f* durch Aussetzung an die Sonne
- f* synthèse *f* de la vitamine D par de l'exposition au soleil
- p* síntese *f* da vitamina D pela exposição ao sol
- 6178 synthesis of vitamin D in the basal cell layer of the epidermis**  
(Vit.)  
(Vitamin biochemistry/physiology.)
- d* Synthese *f* des Vitamins D in der Basalzellschicht der Oberhaut
- f* synthèse *f* de la vitamine D dans la couche de cellules basales de l'épiderme
- p* síntese *f* da vitamina D na camada de células basais da epiderme
- 6179 synthesis of vitamin D in the dermis**  
(Vit.)  
(Vitamin physiology; synthesis by UV irradiation.)
- d* Synthese *f* des Vitamin D in der Lederhaut
- f* synthèse *f* de la vitamine D dans le derme
- p* síntese *f* da vitamina D na derme
- 6180 synthesis of vitamin E acetate: esterification of crude tocopherol, subsequent purification**  
(Vit.)  
(Vitamin technology; C<sub>31</sub>H<sub>52</sub>O<sub>3</sub>; alpha-tocopheryl acetate, acetic ester of alpha-tocopherol (synthesis: obs. eventual patents).)
- d* Synthese *f* von Vitamin E Acetat: Veresterung von rohem Tocopherol, hinterherige Reinigung
- f* synthèse *f* du vitamine E acétate: estérification du tocophérol cru, purification subséquente
- p* síntese *f* do acetato de vitamina E: esterificação de tocoferol cru e purificação subsequente
- 6181 synthesis of vitamin K<sub>1</sub> by condensation of 2-methyl-1,4-naphthoquinone**  
(Vit.)  
(Vitamin technology; condensation with a phytyl derivative, to yield phytylmenadione (vitamin K<sub>1</sub>).)
- d* Synthese *f* von Vitamin K<sub>1</sub> durch Kondensierung von 2-Methyl-1,4-Naphthochinone
- f* synthèse *f* de la vitamine K<sub>1</sub> par du 2-méthyl-1,4-naphthoquinone
- p* síntese *f* da vitamina K<sub>1</sub> pela condensação de 2-metilo-1,4-naftoquinona
- 6182 synthesis of vitamin K<sub>3</sub> based on beta-methylnaphthalene by oxidation with chromium oxide**  
(Vit.)  
(Vitamin technology; C<sub>11</sub>H<sub>8</sub>O<sub>2</sub>; menadione, vitamin K<sub>3</sub> synthesis pathway (obs. eventual patents).)
- d* Synthese *f* von Vitamin K<sub>3</sub> basierend auf beta-Methylnaphtalin unter Oxidierung mit Chrom(III)oxid
- f* synthèse *f* de la vitamine K<sub>3</sub> être basée sur le bêta-méthylnaphtalène sous l'oxidation de l'oxyde chromique
- p* síntese *f* da vitamina K<sub>3</sub> baseada na beta-metilnaftalina por oxidação com óxido crômico
- 6183 synthesis pathway of vitamin B<sub>1</sub>: condensation of ethyl-β-ethoxypropionate and ethylformate**  
(Vit.)  
(In the presence of sodium ethoxide. Synthesis start of thiamine hydrochloride (obs. eventual patents).)
- d* Syntheseweg *m* von Vitamin B<sub>1</sub>: Kondensierung von Äthyl-β-Athoxypropionat und Äthylformiat

- f* chemin *m* de la synthèse de la vitamine B<sub>1</sub>: condensation de l'éthyle-β-éthoxypropionate et l'éthyle formiate
- p* caminho *m* da síntese da vitamina B<sub>1</sub>: condensação de etil-β-etoxipropionato e formiato de etila
- 6184 synthesis prevention of bacterial desoxyribonucleic acid; synthesis prevention of bacterial DNA**  
(Ant.)  
(Action of some antibiotics on bacteria, e.g. nalidixic acid (C<sub>12</sub>H<sub>12</sub>N<sub>2</sub>O<sub>3</sub>), an antibacterial agent.)
- d* Verhinderung *f* der Synthese der Bakterien-Desoxyribonucleinsäure; Verhinderung *f* der Synthese der Bakterien-DNS
- f* empêchement *m* de la synthèse de l'acide désoxyribonucléique; empêchement *m* de la synthèse de l'ADN bactérien
- p* impedimento *m* de síntese do ácido desoxirribonucléico; impedimento *m* de síntese do ADN bacteriano
- \* **synthesis prevention of bacterial DNA → 6184**
- 6185 synthesis run of vitamin B<sub>6</sub>; starts with condensation of cyanoacetamide**  
(Vit.)  
(With ethoxyacetylacetone under addition of piperidine: Pyridoxine hydrochloride (vitamin B<sub>6</sub>)-synthesis (obs. eventual patents).)
- d* Syntheseverlauf *m* von Vitamin B<sub>6</sub>: beginnt mit Kondensierung von Cyanocetamid
- f* écoulement *m* de la synthèse de la vitamine B<sub>6</sub>: commence avec de la condensation de cyanoacétamide
- p* decurso *m* de síntese da vitamina B<sub>6</sub>: inicia-se com a condensação de cianoacetamida
- 6186 synthesis run of vitamin D<sub>2</sub>; ultraviolet irradiation of ergosterol in a solvent**  
(Vit.)  
(Vitamin technology; ergocalciferol, calciferol, C<sub>28</sub>H<sub>44</sub>O (synthesis: obs. eventual patents).)
- d* Syntheseverlauf *m* des Vitamins D<sub>2</sub>: ultraviolette Bestrahlung von Ergosterol in einem Lösungsmittel
- f* écoulement *m* de la synthèse de la vitamine D<sub>2</sub>: irradiation ultraviolette de l'ergostérol dans d'un solvant
- p* decurso *m* de síntese da vitamina D<sub>2</sub>: irradiação ultravioleta de ergosterol num solvente
- 6187 synthesis stimulation of the messenger**
- RNA by liposoluble vitamins**  
(Vit.)  
(Vitamin in physiology; vitamin activity in physiology.)
- d* Anregung *f* der Botschafter-RNS-Synthese durch fettlösliche Vitamine
- f* stimulation *f* de synthèse du ARN messenger par les vitamines liposolubles
- p* estimulação *f* da síntese do ARN mensageiro pelas vitaminas lipossolúveis
- 6188 synthesized molecule**  
(Mol.)  
(Molecular biology.)
- d* synthetisiertes Molekül *n*
- f* molécule *f* synthétisée
- p* molécula *f* sintetizada
- 6189 synthesized starting from ...**  
(Horm.)  
(E.g. ref. to hormone production.)
- d* synthetisiert, ausgehend von ...
- f* synthétisé à partir de ...
- p* sintetizado a partir de ...
- 6190 synthetase**  
(Enz.)  
(Enzyme which catalyzes the reunion of two molecules together with simultaneous hydrolysis of ATP or pyrophosphate.)
- d* Synthetase *f*
- f* synthétase *f*
- p* sintetase *f*
- 6191 synthetic alpha-tocopherol**  
(Vit.)  
(C<sub>29</sub>H<sub>50</sub>O<sub>2</sub>; vitamin E.)
- d* synthetisches alpha-Tocopherol *n*
- f* alpha-tocophérol *m* synthétique
- p* alfa-tocoferol *m* sintético
- 6192 synthetic and natural vitamin C are similar concerning their power of action**  
(Vit.)  
(Vitamin physiology, see e.g. entry: biological function of ascorbic acid.)
- d* synthetisches und natürliches Vitamin *n* C sind gleichwertig was die Wirkungskraft betrifft
- f* vitamine *f* C synthétique et naturelle sont similaires touchant le pouvoir de l'action
- p* vitamina *f* C sintética e natural sind similares referente ao poder de ação
- 6193 synthetic antibacterial**  
(Ant.)  
(Active principle effective against bacteria, e.g. certain antibiotics.)

- d* synthetisches antibakterielles Mittel *n*  
*f* agent *m* antibactérien synthétique  
*p* antibacteriano *m* sintético
- 6194 synthetic antihistamine**  
 (Prod.)  
 (Medicament for allergy treatment.)  
*d* synthetisches Antihistaminikum *n*  
*f* antihistaminique *m* de synthèse  
*p* antihistamínico *m* sintético
- 6195 synthetic broad-spectrum antibacterial for intravenous administration**  
 (Ant.)  
 (Active principle effective against bacteria, e.g. certain antibiotics.)  
*d* synthetisches antibakterielles Breitbandmittel *n* zur intravenösen Verabreichung  
*f* agent *m* antibactérien synthétique à large spectre pour l'administration intraveineuse  
*p* antibacteriano *m* sintético de largo espectro para administração intravenosa
- 6196 synthetic broad-spectrum antimycotic**  
 (Ant.)  
 (Ref. to polyene antibiotics.)  
*d* synthetisches Breitspektrumantibiotikum *n*  
*f* antimycotique *m* synthétique à large spectre  
*p* antimicótico *m* sintético de amplo espectro
- 6197 synthetic chemotherapeutic**  
 (Ant.)  
 (Active principles for the inhibition or elimination of pathogens: antibiotics, sulphonamides etc.)  
*d* synthetisches Chemotherapeutikum *n*  
*f* agent *m* synthétique chimiothérapique  
*p* quimioterápico *m* sintético
- 6198 synthetic component**  
 (Prod.)  
 (Pharmaceutical technology.)  
*d* synthetische Komponente *f*  
*f* composant *m* synthétique  
*p* componente *m* sintético
- 6199 synthetic derivative of the original hormone**  
 (Horm.)  
 (Hormones in therapeutics: substitutive therapy.)  
*d* synthetisches Derivat *n* des Ursprungshormones  
*f* dérivé *m* synthétique de l'hormone originale  
*p* derivado *m* sintético do hormônio original
- 6200 synthetic derivatives**  
 (Vit.)  
 (Vitamin technology; vitamin research, production.)  
*d* Synthesederivate *npl*  
*f* dérivés *mpl* de synthèse  
*p* derivados *mpl* de síntese
- 6201 synthetic estradiol**  
 (Horm.)  
 (C<sub>18</sub>H<sub>24</sub>O<sub>2</sub>; used in therapeutics and contraception.)  
*d* synthetisches Östradiol *n*  
*f* œstradiol *m* de synthèse  
*p* estradiol *m* sintético
- 6202 synthetic film-forming agent**  
 (Prod.)  
 (Pharmaceutical technology. Obtainable with the use of certain PVP types. Opposed to sugar-coating.)  
*d* synthetischer Filmbildner *m*; künstlicher Filmbildner *m*  
*f* agent *m* filmogène synthétique  
*p* agente *m* formador de filmes sintético
- 6203 synthetic hormone**  
 (Horm.)  
 (Ref. to hormones obtained artificially by chemical synthesis processes.)  
*d* synthetisches Hormon *n*  
*f* hormone *f* de synthèse  
*p* hormônio *m* sintético
- 6204 synthetic liquid fat-and oil components**  
 (Prod.)  
 (Pharmaceutical technology; auxiliary production-preparations.)  
*d* synthetische flüssige Fett- und Ölkomponenten *fpl*  
*f* composants *mpl* gras et huileux liquides synthétiques  
*p* componentes *mpl* graxos e oleosos líquidos sintéticos
- 6205 synthetic medicamentous compound**  
 (Prod.)  
 (Pharmaceutical technology. ref. to processes of synthesis and combination of active principles, in the elaboration of a medicament.)  
*d* synthetische medikamentöse Verbindung *f*  
*f* composé *m* synthétique médicamenteux  
*p* composto *m* sintético medicamentoso
- 6206 synthetic precursor**  
 (Vit.)  
 (vitamin technology; Vitamin precursor.)  
*d* synthetisches Vorprodukt *n*

- f* précurseur *m* synthétique  
*p* precursor *m* sintético
- 6207 synthetic prostaglandines for gastric ulcer treatment**  
(Prod.)  
(Pharmaceutical technology; ref. to synthetic drugs in therapy.)  
*d* synthetische Prostaglandine *npl* zur Behandlung des Magengeschwürs  
*f* prostaglandines *fpl* synthétiques pour le traitement de l'ulcère gastrique  
*p* prostaglandinas *fpl* sintéticas para o tratamento da úlcera gástrica
- 6208 synthetic resins**  
(Prod.)  
(Pharmaceutical technology; for tablet coating.)  
*d* Kunstharze *npl*  
*f* résines *fpl* synthétiques  
*p* resinas *fpl* sintéticas
- 6209 synthetic substance**  
(Prod.)  
(Pharmaceutical technology, product characteristic.)  
*d* synthetische Substanz *f*, künstliche Substanz *f*  
*f* substance *f* synthétique  
*p* substância *f* sintética
- 6210 synthetic sweetener**  
(Prod.)  
(Pharmaceutical technology: edulcorant, sweetening auxiliary; e.g. in syrups, medicinal juices etc.)  
*d* synthetischer Süßstoff *m*; künstlicher Süßstoff *m*  
*f* édulcorant *m* de synthèse  
*p* adoçante *m* sintético; edulcorante *m* sintético
- 6211 synthetic sympathomimetics of prolonged efficacy**  
(Pharm.)  
(Ref. to sympathetic nervous system stimulating (synthetic) drug, which does not suffer breakdown in the liver.)  
*d* synthetische Sympathikomimetika *npl* mit längerer Wirkungsdauer  
*f* sympathomimétiques *mpl* synthétiques à une efficacité prolongée  
*p* simpaticomiméticos *mpl* sintéticos com uma eficácia prolongada
- 6212 synthetic thiamin[e]**  
(Vit.)  
(Vitamin technology; synthetic vitamin B<sub>1</sub>.)
- d* synthetisches Thiamin *n*  
*f* thiamine *f* synthétique  
*p* tiamina *f* sintética
- 6213 synthetic vitamin**  
(Vit.)  
(Vitamin technology; ref. to the production method.)  
*d* synthetisches Vitamin *n*  
*f* vitamine *f* synthétique  
*p* vitamina *f* sintética
- 6214 synthetic vitamin analog[ue]**  
(Vit.)  
(Vitamin biochemistry; e.g. all the vitamin A analogs are denominated "retinoids".)  
*d* synthetische Vitamin-Äquivalent *n*  
*f* analogue *m* naturel vitaminique  
*p* análogo *m* vitamínico natural
- 6215 synthetic vitamin C as vitamin supplement**  
(Vit.)  
(Vitamin technology; in nutrition, in food processing.)  
*d* synthetisches Vitamin *n* C als Vitaminzusatz  
*f* vitamine *f* C synthétique comme supplément vitaminique  
*p* vitamina *f* C sintética como suplemento vitamínico
- 6216 synthetic vitamin derivatives**  
(Vit.)  
(Vitamin technology; vitamin synthesis.)  
*d* synthetische Vitaminderivate *npl*  
*f* dérivés *mpl* vitaminiques de synthèse  
*p* derivados *mpl* vitamínicos de síntese
- 6217 syrup**  
(Vit.)  
(Vitamin technology; a pharmaceutical form; esp. vitamin syrup.)  
*d* Sirup *m*  
*f* sirop *m*  
*p* xarope *m*
- \* **syrup as active-agent carrier** → 6218
- 6218 syrup as vehicle of medicamentous substances; syrup as active-agent carrier**  
(Prod.)  
(Pharmaceutical technology; pharmaceutical form.)  
*d* Syrup *m* als Träger medikamentöser Substanzen; Syrup *m* als Wirkstoffträgersubstanz

- f* sirop *m* véhicule des substances médicamenteuses; sirop *m* véhicule pour principes actifs
- p* xarope *m* como veículo de substâncias medicamentosas; xarope *m* veículo de substâncias ativas
- 6219 systemic absorption**  
(Pharm.)  
(Ref. to absorption possibilities of certain (topical) medicaments, influencing the body as a whole.)
- d* systemische Absorption *f*
- f* absorption *f* systémique
- p* absorção *f* sistêmica
- 6220 systemic absorption after local application**  
(Pharm.)  
(Of pomade etc.: eventually a pharmacodynamic problem, e.g. ref. to topical corticosteroids: reversible suppression of the hypothalamus-pituitary-adrenal axis.)
- d* systemische Absorption *f* nach örtlichem Auftrag
- f* absorption *f* systémique après l'application locale
- p* absorção *f* sistêmica após aplicação local
- 6221 systemic absorption of eye drops**  
(Pharm.)  
(Ref. to absorption possibilities of ophthalmic (topical) medicaments, influencing the body as a whole.)
- d* systemische Aufnahme *f* von Augentropfen
- f* absorption *f* systémique des collyres
- p* absorção *f* sistêmica dos colírios
- 6222 systemic bioavailability of an active principle**  
(Pharm.)  
(Ref. to a drug being available in the body as a whole, not only in one single organ.)
- d* systemische Bioverfügbarkeit *f* eines Wirkstoffes
- f* biodisponibilité *f* systémique d'un principe actif
- p* biodisponibilidade *f* sistêmica de um princípio ativo
- 6223 systemic corticosteroid**  
(Horm.)  
(Systemic: having an effect on the organism as a whole, not only affecting individual parts of it; see also entry: corticosteroid for local use.)
- d* systemisches Corticosteroid *n*
- f* corticostéroïde *m* systémique
- p* corticosteróide *m* sistêmico
- 6224 systemic effect**  
(Prod.)  
(Pharmaceutical chemistry; an effect, affecting the body as a whole.)
- d* systemischer Effekt *m*; systemische Wirkung *f*; Allgemeinwirkung *f*
- f* effet *m* systémique
- p* efeito *m* sistêmico
- 6225 systemic mycosis**  
(Med.)  
(General infections by fungi; e.g. requires nystatin treatment.)
- d* Systemmykosen *fpl*
- f* mycoses *fpl* systémiques
- p* micoses *fpl* sistêmicas; micetoses *fpl* sistêmicas
- 6226 systemic symptoms**  
(Med.)  
(Ref. to symptoms, disease-indications, over the body as a whole.)
- d* systemische Symptome *npl*
- f* symptômes *mpl* systémiques
- p* sintomas *mpl* sistêmicos

## T

- 6227 table salt excretion**  
(Pharm.)  
(See entry: increased sodium chloride (NaCl) excretion; table salt = sodium chloride.)  
*d* Kochsalzausscheidung *f*  
*f* excrétion *f* de sel de cuisine  
*p* excreção *f* de sal de cozinha
- 6228 tablet: a pharmaceutical preparation of solid consistency**  
(Prod.)  
(Pharmaceutical technology: ref. to tablet-production/tablet properties, compression of dry substances.)  
*d* Tablette *m*: ein pharmazeutisches Präparat fester Konsistenz  
*f* comprimé *m*: une préparation pharmaceutique de consistance solide  
*p* comprimido *m*: uma preparação farmacêutica de consistência sólida
- 6229 tablet binder**  
(Prod.)  
(Pharmaceutical technology, auxiliary; e.g.: PVP (polyvinylpyrrolidone).)  
*d* Tabletten-Bindemittel *n*  
*f* liant *m* pour comprimés  
*p* ligante *m* para comprimidos
- 6230 tablet coating**  
(Prod.)  
(Pharmaceutical processes; protection of the active principle, e.g. of vitamins.)  
*d* Tablettenüberzug *m*  
*f* revêtement *m* de comprimés  
*p* revestimento *m* de comprimidos
- 6231 tablet coating layers**  
(Vit.)  
(In vitamin technology: e.g. sugar-coatings; protection of vitamin content against oxygen.)  
*d* Tablettenüberzugsschichten *fpl*  
*f* couches *fpl* de l'enrobage du comprimé  
*p* camadas *fpl* de cobertura do comprimido
- 6232 tablet composition**  
(Prod.)  
(Pharmaceutical technology.)  
*d* Tablettenzusammensetzung *f*  
*f* composition *f* d'un comprimé
- p* composição *f* de um comprimido
- 6233 tablet core**  
(Prod.)  
(Pharmaceutical technology; tablet structure in tablet production.)  
*d* Tablettenkern *m*  
*f* noyau *m* de comprimé  
*p* núcleo *m* de comprimido
- 6234 tablet covered with a protective layer**  
(Prod.)  
(Pharmaceutical technology; in tablet compression processes: coated tablets; see this entry.)  
*d* Tablette *f* mit einem Schutzfilm überzogen  
*f* comprimé *m* recouvert de couche protectrice  
*p* comprimido *m* coberto por uma camada protetora
- 6235 tablet disintegration in an aqueous medium**  
(Prod.)  
(Pharmaceutical chemistry: ref. to tablet quality; bioavailability of the active principle.)  
*d* Tablettenzerfall *m* in einem wässrigen Medium; Tabletten Sprengung *f* in einem wässrigen Medium  
*f* désintégration *f* d'un comprimé dans un milieu aqueux  
*p* desintegração *f* de um comprimido num meio aquoso
- 6236 tablet film coatings for vitamin tablets**  
(Vit.)  
(Vitamin technology; in vitamin tablet production; vitamin tableting.)  
*d* Tablettenüberzüge *mpl* für Vitamintabletten; Tablettenfilmüberzüge *mpl* für Vitamintabletten  
*f* filmogènes *mpl* pour l'enrobage de comprimés vitaminiques  
*p* formadores *mpl* de filmes para revestimento dos comprimidos de vitaminas
- \* **tablet for implantation** → 3378
- 6237 tablet form: oblong, oval, square, rectangular**  
(Prod.)  
(Pharmaceutical technology; pharmaceutical (tablet) presentation forms.)  
*d* Tablettenform *f*: längliche, ovale, quadratische, rechteckige  
*f* forme *f* du comprimé: oblongue, ovale, carrée, rectangulaire  
*p* forma *f* do comprimido: oblonga, oval, quadrada, rectangular



- 6238 tablet formulation**  
(Prod.)  
(Pharmaceutical technology; for the elaboration of drugs.)  
*d* Tablettenformulierung *f*  
*f* formulation *f* de comprimés  
*p* formulação *f* de comprimidos
- 6239 tablet granulation mixture**  
(Prod.)  
(Pharmaceutical technology; ref. to tableting processes.)  
*d* Tablettengranulatsmischung *f*  
*f* mélange *f* de granulation des comprimés  
*p* mistura *f* de granulação dos comprimidos
- 6240 tablet hardness**  
(Prod.)  
(Pharmaceutical technology; ref. to the physical characteristic of the tablet.)  
*d* Tablettenhärte *f*  
*f* dureté *f* du comprimé  
*p* dureza *f* do comprimido
- 6241 tablet implant**  
(Prod.)  
(Pharmaceutical technology; drug form inserted under the skin, having a sustained activity.)  
*d* Tablettenimplantat *n*  
*f* implant *m* de comprimé  
*p* implante *m* de comprimido
- 6242 tablet ingredient**  
(Prod.)  
(Pharmaceutical processes; in tableting; tablet production.)  
*d* Tablettenbestandteil *m*  
*f* ingrédient *m* des comprimés  
*p* ingrediente *m* do comprimido
- 6243 tablet manufacture**  
(Prod.)  
(Pharmaceutical technology; e.g. referring to vitamin tablets.)  
*d* Tablettenproduktion *f*  
*f* fabrication *f* des comprimés  
*p* produção *f* de comprimidos
- 6244 tablet resistance against movements**  
(Prod.)  
(Pharmaceutical chemistry; after tableting; control procedures; see entry: resistance test of the tablet; important for transport purposes of the tablet.)  
*d* Tablettenwiderstand *m* gegen Bewegungen  
*f* résistance *f* des comprimés au mouvement  
*p* resistência *f* dos comprimidos ao movimento
- 6245 tablets produced by dry granulation**  
(Prod.)  
(Pharmaceutical technology; tableting processes.)  
*d* Tabletten *fpl* produziert mit Hilfe der Trockengranulierung; Tabletten *fpl* hergestellt mit Hilfe der Trockengranulierung  
*f* comprimés *mpl* produits par la granulation sèche; comprimés *mpl* produits à l'aide de la granulation sèche  
*p* comprimidos *mpl* produzidos pela granulação seca; comprimidos *mpl* produzidos por intermédio da granulação seca
- 6246 tablets produced by wet granulation**  
(Prod.)  
(Pharmaceutical technology; tableting processes.)  
*d* Tabletten *fpl* produziert mit Hilfe der Feucht-Granulierung; Tabletten *fpl* hergestellt mit Hilfe der Feucht-Granulierung  
*f* comprimés *mpl* produits par la granulation humide; comprimés *mpl* produits à l'aide de la granulation humide  
*p* comprimidos *mpl* produzidos pela granulação úmida; comprimidos *mpl* produzidos por intermédio da granulação úmida
- 6247 tablets susceptible to less capping**  
(Prod.)  
(Pharmaceutical technology; e.g. tablet production.)  
*d* Tabletten *fpl*, die weniger dem Abdeckeln unterliegen  
*f* comprimés *mpl* qui s'écaillent moins  
*p* comprimidos *mpl* menos sujeitos ao descamamento
- 6248 tablets with a rough surface**  
(Prod.)  
(Pharmaceutical chemistry; ref. to tableting; effect e.g. due to hygroscopicity of ingredients.)  
*d* Tabletten *fpl* mit einer rauhen Oberfläche  
*f* comprimés *fpl* des surfaces rugueuses  
*p* comprimidos *mpl* de superfície áspera
- 6249 tableting mixture**  
(Prod.)  
(Pharmaceutical technology. ref. to tablet production.)  
*d* Tablettierungsmischung *f*  
*f* mélange *m* destiné à la production de comprimés  
*p* mistura *f* destinada à produção de comprimidos

- 6250 tableting pressure**  
(Prod.)  
(Pharmaceutical technology; production (tableting) process.)  
*d* Tablettierdruck *m*  
*f* pression *f* dans le processus de la production des comprimés  
*p* pressão *f* na compressão dos comprimidos
- \* **tablet wear by shaking** → 6251
- 6251 tablet wear by vibration effect; tablet wear by shaking**  
(Prod.)  
(Pharmaceutical chemistry; see entries: tablet resistance against movements and effect of vibration; shaking effect.)  
*d* Verschleiß *m* der Tablette durch Schüttelwirkung; Verschleiß *m* der Tablette durch Schütteln  
*f* usure *f* du comprimé par l'effet du secouement; usure *f* du comprimé par le secouement  
*p* desgaste *m* dos comprimidos pelo efeito de vibração; usura *f* dos comprimidos por sacudidas
- 6252 tablet weight**  
(Prod.)  
(Pharmaceutical technology; ref. to tablet characteristic.)  
*d* Tablettengewicht *n*  
*f* poids *m* du comprimé  
*p* peso *m* do comprimido
- \* **tablet with a double split** → 2091
- \* **tablet with a split** → 5838
- \* **tablet with sugar coating** → 6032
- 6253 t[*a*]eniafuge medicinal drug**  
(Prod.)  
(Drug against parasitic tapeworms.)  
*d* Bandwurmmittel *n*  
*f* ténifuge *m*; remède *m* ténifuge  
*p* tenífugo *m*; remédio *m* tenífugo
- 6254 take v a medicament**  
(Med.)  
(The act of treating oneself with medicaments.)  
*d* Medikament einnehmen  
*f* prendre un médicament  
*p* tomar um medicamento
- 6255 talc**  
(Prod.)  
(Pharmaceutical technology; auxiliary, e.g. in tableting processes.)  
*d* Talkum *n*; Talk *m*  
*f* talc *m*  
*p* talco *m*
- 6256 talcum powder**  
(Prod.)  
(Pharmaceutical technology; a medicinal form.)  
*d* Talkpuder *m*  
*f* talc *m* en poudre  
*p* talco *m* em pó
- 6257 talc utilized for the improvement of tablet presentation**  
(Prod.)  
(Pharmaceutical technology; tablet treatment for external aspect improvement.)  
*d* Talk *m* eingesetzt zur Verbesserung des Aussehens der Tablette  
*f* talc *m* utilisé pour l'amélioration de la présentation du comprimé  
*p* talco *m* usado na melhora de apresentação do comprimido
- 6258 talc utilized for the improvement of the external aspect of the tablet**  
(Prod.)  
(Pharmaceutical process; tablet treatment for external aspect improvement.)  
*d* Talk *m* eingesetzt zur Verbesserung des äußerlichen Aspekts der Tablette  
*f* talc *m* utilisé pour l'amélioration d'aspect externe du comprimé  
*p* talco *m* usado na melhora do aspecto externo do comprimido
- 6259 targetable pharmacologic activity**  
(Pharm.)  
(Pharmaceutical technology; ref. to characteristics of medicaments.)  
*d* zielgerichtete pharmakologische Wirkung *f*  
*f* activité *f* pharmacologique ciblée  
*p* atividade *f* farmacológica direcionada ao alvo
- 6260 target bacterium of an antibiotic**  
(Ant.)  
(Ref. to the spectrum of action of an antibiotic; see this entry.)  
*d* Zielbakterie *f* eines Antibiotikums  
*f* cible *f* bactérienne d'un antibiotique  
*p* bactéria-alvo *f* de um antibiótico

- 6261 target cell/cells**  
(Anat.)/(Cyt.)  
(Body cells to which is directed the specific biochemical activity; Designating the site, where medicamentous substances will execute their activity.)  
*d* Zielzellen *fpl*; Zielzelle *f*; Empfängerzellen *fpl*  
*f* cellules-cibles *fpl*; cellule *f* cible  
*p* células-alvo *fpl*; célula-alvo *f*
- 6262 target enzyme**  
(Enz.)  
(Enzymology; ref. to enzyme cell activity.)  
*d* Zielenzym *n*  
*f* enzyme-cible *f*  
*p* enzima-alvo *f*
- 6263 target of antibiotic intervention is the bacterial cell wall**  
(Ant.)  
(Ref. to action of antibiotics in the organism.)  
*d* Ziel *n* des Eingriffes des Antibiotikums ist die Bakterien-Zellwand  
*f* cible *f* d'intervention de l'antibiotique est la paroi cellulaire bacterienne  
*p* alvo *m* da intervenção do antibiótico é a parede celular bacteriana
- 6264 target-organ**  
(prod.)  
(Pharmaceutical chemistry; an organ aimed at by a medicamentous molecule or -drug.)  
*d* Zielorgan *n*  
*f* organe-cible *m*  
*p* órgão-alvo *m*
- 6265 target-organ of the estrogens: uterus and mammary glands**  
(Horm.)  
(Hormone biochemistry; hormone physiology; maintaining pregnancy together with the hormone: progesterone.)  
*d* Erfolgsorgane *npl* der Östrogene: Gebärmutter und Brustdrüse  
*f* organes-cibles *mpl* des œstrogène: utérus et glandes mammaires  
*p* órgãos-alvo *mpl* dos estrógenos: útero e glândulas mamárias
- 6266 target-organ of the medicament**  
(Anat.)  
(Ref. to the selectivity of a (vector-fixed) drug.)  
*d* Erfolgsorgan *n* des Medicamentes  
*f* organe-cible *m* du médicament  
*p* órgão-alvo *m* do medicamento
- 6267 target-site of activity of the drug**  
(Pharm.)  
(Pharmaceutical technology; the medicament can only produce an effect when reaching its specific site of activity within the organism.)  
*d* Wirkort *m* des Medikaments  
*f* site-cible *m* de l'activité du médicament  
*p* local-alvo *m* de atividade do medicamento
- 6268 tartaric acid**  
(Prod.)  
(C<sub>4</sub>H<sub>6</sub>O<sub>6</sub>; L-2,3-dihydroxybutanedioic acid; auxiliary in pharmaceutical processes/production; also: a laxative.)  
*d* Weinsäure *f*; Weinsteinsäure *f*; Dihydroxybernsteinsäure *f*  
*f* acide *m* tartrique  
*p* ácido *m* tartárico
- 6269 tartrazine**  
(Prod.)  
(C<sub>16</sub>H<sub>9</sub>N<sub>4</sub>Na<sub>3</sub>O<sub>9</sub>S<sub>2</sub>. Pharmaceutical technology; colorant; FD&C yellow no.5 (see Government regulations on behalf), auxiliary in pharmaceutical technology.)  
*d* Tartrazin *n*  
*f* tartrazine *f*  
*p* tartrazina *f*
- 6270 tautomerism**  
(Prod.)  
(Pharmaceutical chemistry; equilibrium reaction between isomers (tautomers).)  
*d* Tautomerie *f*  
*f* tautomérie *f*  
*p* tautomeria *f*; tautomerismo *m*
- \* TCA-cycle → 6515
- 6271 tea of melissa leaves**  
(Phyto.)  
(Herbal tea with sedative effect of "Melissa officinalis"; see entry: sedative.)  
*d* Melissentblättertée *m*  
*f* tisane *f* des feuilles de mélisse  
*p* chá *m* de folhas da erva-cidreira
- 6272 technical application possibilities of vitamin C**  
(Vit.)  
(Vitamin technology; e.g. as a food additive for preservation purposes; antioxidant activity.)  
*d* technische Anwendungsmöglichkeiten *fpl* von Vitamin C  
*f* possibilités *fpl* de l'application technique de la vitamine C  
*p* possibilidades *fpl* de aplicação técnicas de vitamina C

- 6273 technical examination; technical investigation**  
(Prod.)  
(Pharmaceutical technology; ref. to production, processes.)  
*d* technische Prüfung *f*  
*f* examen *m* technique; investigation *f* technique  
*p* exame *m* técnico  
(Pharmaceutical processes; ref. to processing activities; to chemical reactions etc.)  
*d* Temperaturlausgleich *m*; Ausgleich *m* von Temperaturunterschieden  
*f* compensation *f* en température; compensation *f* de différences de température  
*p* compensação *f* de temperatura; compensação *f* de diferenças de temperaturas
- 6274 technical fermentation processes for vitamin production**  
(Vit.)  
(Vitamin technology; production process for certain vitamins.)  
*d* technische Gärungsprozesse *mpl* zur Vitamin-Herstellung  
*f* processus *mpl* techniques de fermentation pour la production de vitamines  
*p* processos *mpl* técnicos de fermentação para a produção de vitaminas  
  
\* **technical investigation** → 6273
- 6275 technique of discontinuous water heating by moderate temperature**  
(Prod.)  
(Pharmaceutical technology: a form of the humid heat sterilization process.)  
*d* diskontinuierliche Wassererhitzung *f* bei mäßiger Temperatur  
*f* technique *f* de chauffage discontinue de l'eau à température modérée  
*p* técnica *f* de aquecimento descontínuo da água sob temperatura moderada
- 6276 telocentric position of the centromere**  
(Cyt.)  
(One (of the four) chromosome types, classified as to the position of its centromere (acrocentric, metacentric, submetacentric, telocentric).)  
*d* telozentrische Stellung *f* des Zentromers  
*f* position *f* télacentrique du centromère  
*p* posição *f* telocêntrica do centrômero
- 6277 telophase**  
(Cyt.)  
(Fourth (final) mitosis stage, reconstitution of two cell nucleus, cytoplasm division and, finally the formation of two daughter cells.)  
*d* Telophase *f*  
*f* télaphase *f*  
*p* telófase *f*
- 6278 temperature compensation; compensation of difference in temperature**  
(Prod.)
- 6279 temperature dependency**  
(Prod.)  
(Pharmaceutical technology: ref. to production, treatments, processes.)  
*d* Temperaturabhängigkeit *f*  
*f* dépendance *f* de la température  
*p* dependência *f* da temperatura
- 6280 temperature-dependent *adj***  
(Prod.)  
(Pharmaceutical technology: ref. to production, treatments, processes.)  
*d* temperaturabhängig  
*f* dépendant de la température  
*p* dependente da temperatura
- 6281 temperature drop/rise**  
(Prod.)  
(Pharmaceutical processes; ref. to production, treatments, processes.)  
*d* Temperaturabfall *m*/Temperaturanstieg *m*  
*f* chute *f* de température/hausse *f* de la température  
*p* queda *f* de temperatura/elevação *f* de temperatura
- 6282 temperature fluctuation**  
(Prod.)  
(In pharmaceutical processes.)  
*d* Temperaturschwankung *f*  
*f* fluctuation *f* de la température  
*p* flutuação *f* na temperatura
- 6283 temperature overshoot**  
(Prod.)  
(In pharmaceutical processes.)  
*d* Temperaturüberschuss *m*  
*f* excès *m* de température; surdépassement *m* de température  
*p* excesso *m* de temperatura
- 6284 temperature stability**  
(Prod.)  
(In pharmaceutical processes.)  
*d* Temperaturbeständigkeit *f*; Temperaturstabilität *f*  
*f* stabilité *f* de la température  
*p* estabilidade *f* da temperatura

- 6285 temporal lobe**  
(Anat.)  
(Brain part related to sensory reception.)  
*d* Schläfenlappen *m* der Großhirnrinde  
*f* lobe *m* temporale  
*p* lobo *m* temporal
- \* **temporary hardness of water** → 6288
- 6286 temporary immunity**  
(Pharm.)  
(Ref. to immunity through protective vaccination, which has to be repeated after a certain period of time.)  
*d* vorübergehende Immunität *f*  
*f* immunité *f* temporaire  
*p* imunidade *f* temporária
- 6287 temporary stabilization of medicinal drugs**  
(Prod.)  
(Pharmaceutical technology: e.g. by pasteurization (Louis Pasteur, French chemist, biologist, 1822-1895).)  
*d* vorübergehende Stabilisierung *f* von medizinischen Wirkstoffen  
*f* stabilisation *f* temporaire des drogues médicinales  
*p* estabilização *f* temporária das drogas medicinais
- 6288 temporary water hardness; temporary hardness of water**  
(Prod.)  
(Pharmaceutical technology; see entry: water hardness; hardness of water.)  
*d* vorübergehende Wasserhärte *f*  
*f* dureté *f* temporaire de l'eau  
*p* dureza *f* temporária da água
- 6289 tendency of a dispersion to dissociate**  
(Prod.)  
(Pharmaceutical chemistry; ref. to dispersion defect, dispersion research.)  
*d* Tendenz *f* einer Dispersion sich zu trennen; Neigung *f* einer Dispersion sich zu trennen  
*f* tendance *f* de la dispersion à se dissocier  
*p* tendência *f* de uma dispersão a se dissociar
- 6290 tenseness of the sympathetic; tonus of the sympathetic**  
(Med.)  
(Excitation by the transmitter noradrenaline.)  
*d* Spannungszustand *m* des Sympathikus; Tonus *m* des Sympathikus  
*f* état *m* de tension du sympathique; tonus *m* du sympathique  
*p* estado *m* de tensão do simpático; tônus *m* do simpático; tono *m* do simpático
- 6291 tensional headache**  
(Med.)  
(Cause: muscular tension; to be treated generally with light analgetics.)  
*d* Spannungskopfschmerzen *mpl*  
*f* mal *m* de tête par de la tension  
*p* dor *f* de cabeça por tensão
- 6292 termination of a chain/reaction**  
(Prod.)  
(Pharmaceutical technology; e.g. in synthesis processes, polymerization processes etc.)  
*d* Abbruch *m* der Kette/Reaktion  
*f* rupture *f* de chaîne/de réaction  
*p* ruptura *f* da cadeia/da reação
- 6293 termination of glycolysis**  
(Enz.)  
(Ref. to Krebs-cycle: glyucose decomposition by enzyme-catalyzed process.)  
*d* Ende *n* der Glykolyse  
*f* terme *m* de la glycolyse  
*p* fim *m* da glicólise
- 6294 terpolymer**  
(Prod.)  
(Polymer type of copolymerization; auxiliary in pharmaceutical chemistry.)  
*d* Terpolymere *n*  
*f* terpolymère *m*  
*p* terpolímero *m*
- 6295 tertiary amine**  
(Enz.)  
(Nitrile bases; ammonia derivative.)  
*d* tertiäres Amin *n*  
*f* amine *f* tertiaire  
*p* amina *f* terciária
- 6296 tertiary protein structure**  
(Enz.)  
(The three-dimensional form of the polypeptides of the secondary protein structure are called the tertiary structure.)  
*d* Tertiär-Proteinstruktur *f*  
*f* structure *f* tertiaire protéique  
*p* estrutura *f* terciária protéica
- 6297 test; essay; trial; experiment**  
(Prod.)  
(Pharmaceutical processes.)  
*d* Test *m*; Versuch *m*; Überprüfung *f*  
*f* test *m*; essai *m*; expérience *f*  
*p* teste *m*; ensaio *m*; experiência *f*

- 6298 test as partial functional trial in chemical processes**  
(Prod.)  
(Pharmaceutical technology; ref. to testing, checking of technical functions.)  
*d* Test *m* als teilweise Funktionsüberprüfung in chemischen Prozessen  
*f* test *m* comme un experiment partiel de fonctionnement dans des procédés chimiques  
*p* teste *m* como experiência parcial de funcionamento em processos químicos
- 6299 testing of powder behaviour**  
(Prod.)  
(Pharmaceutical processes; e.g. in research.)  
*d* Untersuchung *f* des Verhaltens des Puders  
*f* recherche *f* du comportement de la poudre  
*p* pesquisa *f* do comportamento do pó
- 6300 testis (testes *pl*)**  
(Anat.)  
(Male gonad, male gametes – "spermatozoa"-production; secretion of the male hormone androgen. See entry: gonad.)  
*d* Hoden *m/mpl*  
*f* testicule *m*  
*p* testículo *m*
- 6301 test of a chemical substance**  
(Prod.)  
(Pharmaceutical technology; ref. to substance characteristics, substance qualities.)  
*d* Überprüfung *f* eines chemischen Stoffes  
*f* test *m* d'une substance chimique  
*p* teste *m* de uma substância química
- \* **test of examination for posterior separation**  
→ 5550
- 6302 testosterone**  
(Horm.)  
(A steroid hormone (C<sub>19</sub>H<sub>28</sub>O<sub>2</sub>); male sex hormone; androgen.)  
*d* Testosteron *n*  
*f* testostérone *f*  
*p* testosterona *f*
- 6303 testosterone determines appearance of the secondary male sex characters**  
(Horm.)  
(Hormone biochemistry; hormone physiology.)  
*d* Testosteron *n* bestimmt die Erscheinung der sekundären männlichen Geschlechtsmerkmale  
*f* testostérone *f* détermine l'apparition des caractères sexuels secondaires masculins
- p* testosterona *f* determina o aparecimento dos caracteres sexuais secundários masculinos
- 6304 testosterone is a male sex hormone**  
(Horm.)  
(Hormone biochemistry; hormone physiology.)  
*d* Testosteron *n* ist ein männliches Geschlechtshormon  
*f* testostérone *f* est une hormone sexuelle mâle  
*p* testosterona *f* é um hormônio sexual masculino
- 6305 testosterone is secreted by the testicles**  
(Horm.)  
(Hormone biochemistry; hormone physiology.)  
*d* Testosteron *n* wird von den Hoden abgesondert  
*f* testostérone *f* est sécrétée par les testicules  
*p* testosterona *f* é secretada pelos testículos
- 6306 testosterone stimulates the development of masculine genitalia**  
(Horm.)  
(Hormone biochemistry; hormone physiology.)  
*d* Testosteron *n* stimuliert die Entwicklung der männlichen Genitalien  
*f* testostérone *f* stimule le développement des organes génitaux mâles  
*p* testosterona *f* estimula o desenvolvimento dos órgãos genitais masculinos
- 6307 test paper; litmus paper**  
(Prod.)  
(Pharmaceutical chemistry; e.g. ref. to research and testing; used for indication of acidity or alkalinity.)  
*d* Reagenzpapier *n*; Lackmuspapier *n*  
*f* papier *m* réactif; papier *m* de tournesol  
*p* papel *m* reagente; papel *m* tornassol
- 6308 test pressure**  
(Prod.)  
(Pharmaceutical processes; ref. to processing activities, e.g. in research.)  
*d* Probedruck *m*  
*f* pression *f* d'épreuve  
*p* pressão *f* de ensaio
- 6309 test tube**  
(Prod.)  
(Pharmaceutical chemistry; e.g. ref. to research and testing.)  
*d* Reagenzglas *n*  
*f* éprouvette *f*  
*p* proveta *f*

- 6310 tetracycline**  
(Ant.)  
( $C_{22}H_{24}N_2O_8$ ; antibiotic (see entry).)  
*d* Tetracyclin *n*  
*f* tétracycline *f*  
*p* tetraciclina *f*
- 6311 tetracycline acts by means of inhibition of bacterial proteinsynthesis**  
(Ant.)  
(Bacteriostatic mode of action of tetracycline.)  
*d* Tetracyclin *n* wirkt durch die Hemmung der bakteriellen Proteinsynthese; Tetrazyklin *n* wirkt durch die Hemmung der bakteriellen Proteinsynthese  
*f* tétracycline *f* agit par la voie de l'inhibition de la synthèse protéique bactérienne  
*p* tetraciclina *f* age pela inibição da síntese protéica das bactérias
- 6312 tetracycline is a broad spectrum antibiotic**  
(Ant.)  
(Isolated first in 1948 from bacteria "Streptomyces aureofaciens". Now fermentative, semisynthetic derivatives. Biotechnology.)  
*d* Tetracyclin *n* ist ein Breitspektrumantibiotikum  
*f* tétracycline *f* est un antibiotique à large spectre d'action  
*p* tetraciclina *f* é um antibiótico de largo espectro
- 6313 tetracyclines of fermentative elaboration parting from streptomyces strains**  
(Ant.)  
(Tetracycline ( $C_{22}H_{24}N_2O_8$ ) elaboration; biotechnology.)  
*d* Tetracyclines *npl* fermentativer Herstellung ausgehend von Streptomycesstämmen  
*f* tétracyclines *fpl* de l'élaboration fermentative à partir des souches de streptomycètes  
*p* tetraciclina *fpl* de elaboração fermentativa a partir de cepas de estreptomicas
- 6314 tetracyclines of semisynthetic production**  
(Ant.)  
(Tetracycline ( $C_{22}H_{24}N_2O_8$ ) elaboration; biotechnology.)  
*d* Tetracyclines *npl* halbsynthetischer Produktion  
*f* tétracyclines *fpl* de production semi-synthétique  
*p* tetraciclina *fpl* de produção semi-sintética
- 6315 thalamus**  
(Anat.)  
(Brain part related to sensory message reception.)  
*d* Thalamus *m*  
*f* thalamus *m*  
*p* tálamo *m*
- 6316 theophylline**  
(Prod.)  
( $C_7H_8N_4O_2$ ; medicamentous substance, in small quantities in coffee and tea, purine derivative, with diuretic effect; see entry: diuretic.)  
*d* Theophyllin *n*  
*f* théophylline *f*  
*p* teofilina *f*
- 6317 therapeutic adj**  
(Pharm.)  
Ref. to methods of treatment. See: therapy  
*d* therapeutisch  
*f* thérapeutique  
*p* terapêutico
- 6318 therapeutic action of the medicamentous substances**  
(Pharm.)  
(Characteristic of a well-elaborated medicamentous form.)  
*d* therapeutische Wirkung *f* der medikamentösen Stoffe  
*f* action *f* thérapeutique des substances médicamenteuses  
*p* ação *f* terapêutica das substâncias medicamentosas
- 6319 therapeutical use of nicotinamide as a vitamin**  
(Vit.)  
(Vitamin physiology, also: nicotine acid amide  $C_6H_6N_2O$ .)  
*d* therapeutischer Gebrauch *m* des Nicotinsäureamids als Vitamin; therapeutischer Einsatz *m* des Nicotinsäureamids als Vitamin  
*f* usage *m* thérapeutique de la nicotinamide en qualité de vitamine; emploi *m* thérapeutique de la nicotinamide en qualité de vitamine  
*p* uso *m* terapêutico da nicotinamida como vitamina
- 6320 therapeutic benefit of an active principle**  
(Pharm.)  
(Pharmacodynamics.)  
*d* therapeutischer Nutzen *m* eines Wirkstoffes  
*f* bénéfice *m* thérapeutique d'un principe actif  
*p* benefício *f* terapêutico de um princípio ativo

- 6321 therapeutic concentration of an active principle**  
(Pharm.)  
(Pharmaceutical technology; ref. to drug concentration on the level of its substrate; toleration range: a maximum therapeutic-non-toxic and a minimum therapeutic-but still active.)  
*d* therapeutische Konzentration *f* eines Wirkstoffes  
*f* concentration *f* thérapeutique d'un principe actif  
*p* concentração *f* terapêutica de um princípio ativo
- 6322 therapeutic dose**  
(Pharm.)  
(Ref. to treatment dose as opposed to toxic dose.)  
*d* therapeutische Dosis *f*  
*f* dose *f* thérapeutique  
*p* dose *f* terapêutica
- 6323 therapeutic effect**  
(Pharm.)  
(Pharmaceutical chemistry; ref. to the effect of a pharmaceutical drug in treatment.)  
*d* therapeutische Wirkung *f*; therapeutischer Effekt *m*  
*f* effet *m* thérapeutique  
*p* efeito *m* terapêutico
- 6324 therapeutic interest of vitamins**  
(Vit.)  
(Vitamin physiology; treatment of diseases/disorders by vitamins.)  
*d* therapeutisches Interesse *n* der Vitamine  
*f* intérêt *m* thérapeutique des vitamines  
*p* interesse *m* terapêutico das vitaminas
- 6325 therapeutic principle**  
(Prod.)  
(Pharmaceutical chemistry; medicamentous substance.)  
*d* therapeutischer Wirkstoff *m*  
*f* principe *m* thérapeutique  
*p* princípio terapêutico
- 6326 therapeutic properties of the living plant**  
(Phyto.)  
(Conservation of these properties is important in transformation processes in the elaboration of a plant drug (see this entry).)  
*d* therapeutische Eigenschaften *fpl* der lebenden Pflanze  
*f* propriétés *fpl* thérapeutiques du végétal vivant  
*p* propriedades *fpl* terapêuticas da planta viva
- 6327 therapeutic scope**  
(Pharm.)  
(Ref. to the extent of activity of a medicament, an active principle, or a therapeutic dosis.)  
*d* therapeutische Breite *f*  
*f* domaine *m* thérapeutique  
*p* alcance *m* terapêutico
- \* **therapeutics of hom[o]eopathy → 3133**
- 6328 therapeutic substance**  
(Prod.)  
(Pharmaceutical chemistry; a medicinal, curative principle; a remedial agent.)  
*d* therapeutische Substanz *f*  
*f* substance *f* thérapeutique  
*p* substância terapêutica
- 6329 therapeutic width of an active principal**  
(Pharm.)  
(Pharmacodynamics; ref. to the extent of activity of a medicament, an active principle, or a therapeutic dosis.)  
*d* therapeutische Breitenwirkung *f* eines Arzneistoffes  
*f* extension *f* thérapeutique d'un principe actif  
*p* extensão *f* terapêutica de um princípio ativo
- 6330 therapeutic zone of an active principle**  
(Pharm.)  
(Pharmaceutical technology; ref. to drug concentration on the level of its substrate; toleration range: a maximum therapeutic-non-toxic and a minimum therapeutic-but still active.)  
*d* therapeutische Zone *f* eines Wirkstoffes  
*f* zone *f* thérapeutique d'un principe actif  
*p* zona *f* terapêutica de um princípio ativo
- 6331 therapy**  
(Med.)  
(Therapeutic treatment, treatment by medicinal drugs.)  
*d* Therapie *f*  
*f* thérapie *f*  
*p* terapia *f*
- \* **therapy with antibiotics → 457**
- 6332 thermal decomposition; thermolysis**  
(Vit.)  
(Vitamin technology; decomposition action (by thermal dissociation) that may effect the vitamins during processing.)  
*d* thermische Dekomposition *f*; thermischer Verfall *m*; Thermolyse *f*



- f* dissociation *f* thermique; thermolyse *f*  
*p* decomposição *f* térmica; termólise *f*
- 6333 thermal energy**  
 (Prod.)  
 (Pharmaceutical technology; thermal mass, formula Q.)  
*d* thermische Energie *f*; Wärmeenergie *f*  
*f* énergie *f* thermique  
*p* energia *f* térmica
- \* **thermal expansion** → 3025
- \* **thermal transmission** → 3022
- 6334 thermodependent polarization of orientation**  
 (Mol.)  
 (Ref. to polarization (see this entry), dependent on temperature, for orientation of previous irregularly oriented dipole moments; see entry: dipole moment.)  
*d* temperaturabhängige Orientierungspolarisation *f*  
*f* polarisation *f* d'orientation dépendante de la température  
*p* polarização *f* de orientação dependente da temperatura
- 6335 thermodiffusion**  
 (Prod.)  
 (Pharmaceutical processes, ref. to separation processes by thermodiffusion for gases and/or liquids.)  
*d* Thermodiffusion *f*  
*f* thermodiffusion *f*; diffusion *f* thermique  
*p* termodifusão *f*; difusão *f* térmica
- 6336 thermodynamic equilibrium in pharmaceutical processes**  
 (Prod.)  
 (Pharmaceutical chemistry, pharmaceutical processes; ref. to constant temperature, constant volume or pressure.)  
*d* thermodynamisches Gleichgewicht *n* in pharmazeutischen Prozessen  
*f* équilibre *m* thermodynamique dans des processus pharmaceutiques  
*p* equilibrio *m* termodinâmico nos processos farmacêuticos
- 6337 thermogenic property**  
 (Prod.)  
 (Pharmaceutical chemistry; e.g. substance characteristic; also in processes.)  
*d* wärmeerzeugende Eigenschaft *f*  
*f* propriété *f* thermogène  
*p* propriedade *f* termogênica
- 6338 thermoindendent electron polarization**  
 (Mol.)  
 (Electron polarization independent from temperature; see entry: polarization.)  
*d* temperaturunabhängige Elektronen-Polarisation *f*  
*f* polarisation *f* des électrons indépendante de la température  
*p* polarização *f* de elétrons independente da temperatura
- 6339 thermolabile** *adj*  
 (Prod.)  
 (Pharmaceutical chemistry; substance which is unstable when heated.)  
*d* thermolabil; wärmeunbeständig  
*f* thermolabile  
*p* termolábil
- 6340 thermolabile medicamentous substances**  
 (Prod.)  
 (Pharmaceutical chemistry; ref. to product instability when heated, e.g. in case of vitamins and enzymes etc.)  
*d* thermolabile medikamentöse Substanzen *fpl*; nicht wärmebeständige medikamentöse Substanzen *fpl*  
*f* substances *fpl* médicamenteuses thermolabiles  
*p* substâncias *fpl* medicamentosas termolábeis (sing.: termolábil)
- 6341 thermolabile vitamins**  
 (Vit.)  
 (Vitamin technology; ref. to vitamins unstable when heated.)  
*d* thermolabile Vitamine *npl*; wärmeunbeständige Vitamine *npl*  
*f* vitamines *fpl* thermolabiles  
*p* vitaminas *fpl* termolábeis
- \* **thermolysis** → 6332
- 6342 thermolytic property**  
 (Prod.)  
 (Pharmaceutical chemistry; e.g. substance characteristic; also in processes.)  
*d* thermolytische Eigenschaft *f*; wärmeabgebende Eigenschaft *f*  
*f* propriété *f* thermolytique  
*p* propriedade *f* termolítica
- 6343 thermophilic** *adj*  
 (Prod.)  
 (In biochemistry, e.g. ref. to microorganisms, living under optimal conditions at more than 55°C.)  
*d* thermophil; wärmebevorzugend

- f* thermophile  
*p* termófilo
- \* **thermosensitivity** → 3038
- 6344 thermostable body**  
 (Prod.)  
 (Pharmaceutical chemistry; substance retaining properties on being heated.)  
*d* thermostabiler Körper *m*; wärmebeständiger Körper *m*  
*f* corps *m* thermostabile  
*p* corpo *m* termestável
- \* **the study of human aging** → 2853
- 6345 thiamazole**  
 (Prod.)  
 (C<sub>4</sub>H<sub>6</sub>N<sub>2</sub>S; methimazole; medicamentous substance; e.g. against hyperthyroidism; see entry: thyrostatic medicinal drug.)  
*d* Thiamazol *n*  
*f* thiamazol *m*  
*p* tiamazol *m*
- 6346 thiamin[e]**  
 (Vit.)  
 (Vitamin B<sub>1</sub>; (C<sub>12</sub>H<sub>17</sub>N<sub>4</sub>OS)Cl; associated with carbohydrate metabolism; used for prophylactic and therapeutic purposes; foodstuff enrichment.)  
*d* Thiamin *n*  
*f* thiamine *f*  
*p* tiamina *f*
- 6347 thiamin[e] as foodstuff enrichment; vitamin B<sub>1</sub> as foodstuff enrichment**  
 (Vit.)  
 (Exogenous vitamin B<sub>1</sub> supply.)  
*d* Thiamine *n* in der Nahrungsmittelanreicherung; Vitamin *n* B<sub>1</sub> in der Nahrungsmittelanreicherung  
*f* thiamine *f* pour l'enrichissement alimentaire; vitamine *f* B<sub>1</sub> pour l'enrichissement des aliments  
*p* tiamina *f* no enriquecimentos dos produtos alimentícios; vitamina *f* B<sub>1</sub> no enriquecimentos dos produtos da alimentação
- 6348 thiamin[e] as mediator in the parasympathic nervous system**  
 (Vit.)  
 (Vitamin B<sub>1</sub> physiology; parasympathic nervous system: one of the two divisions of the autonomic nervous system.)  
*d* Thiamin *n* als Vermittler im parasympathischen Nervensystem  
*f* thiamine *f* comme médiateur dans le système
- nerveux parasympathique  
*p* tiamina *f* como mediador no sistema nervoso parassimpático
- \* **thiamin[e] as the first factor of the vitamin B-principle** → 6737
- \* **thiamin[e] deficiency** → 6738
- 6349 thiamin[e]-dependent** *adj*  
 (Vit.)  
 (E.g. ref. to hereditary (vitamin B<sub>1</sub>-dependent) pathologies.)  
*d* thiaminabhängig  
*f* thiamine-dépendant  
*p* tiamino-dependente
- 6350 thiamin[e]-dependent pathologies**  
 (Vit.)  
 (Vitamin physiology; vitamin B<sub>1</sub> dependent diseases; e.g. megaloblastic anaemia.)  
*d* thiaminabhängige Pathologien *fpl*  
*f* pathologies *fpl* thiamine-dépendantes  
*p* patologias *fpl* tiamina-dependentes
- 6351 thiamin[e] derivative**  
 (Vit.)  
 (Vitamin technology.)  
*d* Thiaminderivat *n*  
*f* dérivé *m* de la thiamine  
*p* derivado *m* da tiamina
- 6352 thiamin[e] diphosphate salt**  
 (Vit.)  
 (Vitamin B<sub>1</sub> diphosphate salt; thiamine diphosphoric acid salt. C<sub>12</sub>H<sub>22</sub>N<sub>4</sub>O<sub>9</sub>P<sub>2</sub>S.2H<sub>2</sub>O.)  
*d* Thiamin-Diphosphatsalz *n*  
*f* sel *m* de thiamine-diphosphate  
*p* sal *m* do difosfato de tiamine
- 6353 thiamin[e] for prophylactic purposes; vitamin B<sub>1</sub> for prophylactic purposes**  
 (Vit.)  
 (Thiamin[e] deficiency may lead to the beriberi syndrome: nervous system deterioration.)  
*d* Thiamine *n* für vorbeugende Zwecke; Vitamin *n* B<sub>1</sub> für vorbeugende Zwecke  
*f* thiamine *f* pour les fins prophylactiques; vitamine *f* B<sub>1</sub> dans le but de la prophylaxie  
*p* tiamina *f* para fins profiláticos; vitamina *f* B<sub>1</sub> para fins profiláticos
- 6354 thiamin[e] hydrochloride**  
 (Vit.)  
 (C<sub>12</sub>H<sub>17</sub>ClN<sub>4</sub>OS.HCl; vitamin B<sub>1</sub> hydrochloride; aneurine hydrochloride; vitamin B<sub>1</sub> derivative; treatment of vitamin B<sub>1</sub> deficiencies.)

- d* Thiaminhydrochlorid *n*  
*f* chlorhydrate *m* de thiamine; hydrochlorure *m* de thiamine  
*p* hidrocloreto *m* de tiamina
- 6355 thiamin[e] hydrochloride tablet**  
 (Vit.)  
 (Vitamin technology; a solid vitamin preparation of vitamin B<sub>1</sub>, thiamine hydrochloride; C<sub>12</sub>H<sub>17</sub>ClN<sub>4</sub>OS.HCl.)  
*d* Thiaminhydrochlorid-Tablette *f*  
*f* comprimé *m* de chlorhydrate de thiamine; comprimé *m* de hydrochlorure de thiamine  
*p* comprimido *m* de hidrocloreto de tiamina
- 6356 thiamin[e] in therapy; vitamin B<sub>1</sub> in therapy**  
 (Vit.)  
 (Thiamine deficiency may lead to the beriberi syndrome: nervous system deterioration.)  
*d* Thiamine *n* in der Therapie; Vitamin *n* B<sub>1</sub> in der Therapie  
*f* thiamine *f* dans la thérapeutique; vitamine *f* B<sub>1</sub> dans la thérapeutique  
*p* tiamina *f* na terapia; vitamina *f* B<sub>1</sub> na terapia
- 6357 thiamin[e] is associated with carbohydrate metabolism; vitamin B<sub>1</sub> is associated with carbohydrate metabolism**  
 (Vit.)  
 (Vitamin physiology; thiamine is converted in the organism to cocarboxylase acting as a coenzyme in decarboxylation and other reactions.)  
*d* Thiamin *n* ist verbunden mit dem Kohlenhydratstoffwechsel; Vitamin *n* B<sub>1</sub> ist verbunden mit dem Kohlenhydratstoffwechsel  
*f* thiamine *f* est associée au métabolisme glucidique; vitamine *f* B<sub>1</sub> est associée au métabolisme glucidique  
*p* tiamina *f* é associada ao metabolismo dos carboidratos; vitamina *f* B<sub>1</sub> é associada ao metabolismo dos carboidratos
- 6358 thiamin[e] mononitrate**  
 (Vit.)  
 (C<sub>12</sub>H<sub>17</sub>N<sub>3</sub>O<sub>4</sub>S; vitamin B<sub>1</sub> mononitrate; used in vitamin B complex formulations.)  
*d* Thiamin-Mononitrat *n*  
*f* mononitrate *m* de thiamine  
*p* mononitrato *m* de tiamina
- 6359 thiamin[e] mononitrate destined for dry pharmaceutical preparations**  
 (Vit.)  
 (Vitamin technology, thiamine mononitrate used in dry preparation in because of its lower water-stability properties.)  
*d* Thiamin-Mononitrat *n* bestimmt für trockene pharmazeutische Zubereitungen  
*f* mononitrate *m* de thiamine destiné pour préparations pharmaceutiques sèches  
*p* mononitrato *m* de tiamina destinada às preparações farmacêuticas secas
- 6360 thiamin[e] multiple deficiency syndromes; vitamin B<sub>1</sub> multiple deficiency syndromes**  
 (Vit.)  
 (Thiamine deficiency may lead to the beriberi syndrome: nervous system deterioration.)  
*d* multiple Thiamin-Mangel-Syndrome *npl*; vielfache Vitamin B<sub>1</sub>-Mangel-Syndrome *npl*  
*f* syndromes *mpl* multiples de la carence en thiamine; syndromes *mpl* multiples de la carence en vitamine B<sub>1</sub>  
*p* síndromes *fpl* múltiplas de carência de tiamina; síndromes *fpl* múltiplas de carência de vitamina B<sub>1</sub>
- \* **thiamin[e] participates in the carbohydrate metabolism as a coenzyme → 6741**
- 6361 thiamin[e] pyrophosphate**  
 (Vit.)  
 (Thiamine pyrophosphate salt: vitamin B<sub>1</sub> diphosphate salt (see entry).)  
*d* Thiaminpyrophosphat *n*  
*f* pyrophosphate *m* de thiamine  
*p* pirofosfato *m* de tiamina
- 6362 thiamin[e] pyrophosphate chloride**  
 (Vit.)  
 (C<sub>12</sub>H<sub>19</sub>ClN<sub>4</sub>O<sub>7</sub>P<sub>2</sub>S.H<sub>2</sub>O. Cocarboxylase. Coenzyme form of vitamin B<sub>1</sub>. Essential to aerobic and anaerobic metabolism.)  
*d* Thiaminpyrophosphat-Chlorid *n*  
*f* chlorure *m* de thiamine pyrophosphate  
*p* cloreto *m* de pirofosfato de tiamina
- 6363 thiamin[e]-sensitive adj**  
 (Vit.)  
 (Ref. to hereditary pathologies: E.g. leucinosi, neurologic troubles, vitamin B<sub>1</sub>-sensitives.)  
*d* thiaminempfindlich  
*f* thiamino-sensible  
*p* tiamino-sensível
- 6364 thiamin[e] solution**  
 (Vit.)  
 (Vitamin technology; ref. to vitamin B<sub>1</sub> in solution form.)  
*d* Thiaminlösung *f*  
*f* solution *f* de la thiamine  
*p* solução *f* de tiamina

- 6365 thiamin[e] triphosphoric acid ester/thiamine triphosphate ester** (Vit.)  
(See entry: vitamin B<sub>1</sub> triphosphate ester; naturally occurring thiamine form.)
- d* Thiamin *n* des Triphosphorsäureestern/Thiamin-Triphosphatester
- f* thiamine *f* de l'ester de l'acide triphosphorique/thiamine *f* de l'ester triphosphate
- p* tiamina *f* do éster do ácido trifosfórico/tiamina *f* do éster trisfosfato
- \* thiamin[e] – water-soluble → 6733**
- 6366 thiazide diuretic; diuretic on the base of thiazide** (Prod.)  
(Diuretic for high blood pressure control.)
- d* Thiazid-Diuretikum *n*
- f* diurétique *m* thiacidique; diurétique *m* à base de thiacide
- p* diurético *m* tiazídico; diurético *m* à base de tiazida
- 6367 thickener** (Prod.)  
(Auxiliary in pharmaceutical technology; e.g. a PVP.)
- d* Verdickungsmittel *n*
- f* épaississant *m*
- p* espessante *m*
- 6368 thickener for aqueous vitamin preparations** (Vit.)  
(Vitamin technology; auxiliary.)
- d* Verdickungsmittel *n* für wasserenthaltende Vitaminpräparate
- f* épaississant *m* pour préparations vitaminiques aqueuses
- p* espessante *m* para preparações vitamínicas aquosas
- 6369 thickener for pharmaceutical solutions** (Prod.)  
(Pharmaceutical chemistry/processes; thickeners are auxiliaries as e.g. certain polyvinylpyrrolidone (PVP) grades.)
- d* Verdickungsmittel *n* für pharmazeutische Lösungen
- f* épaississant *m* pour des solutions pharmaceutiques
- p* espessante *m* para soluções farmacêuticas
- 6370 thickening effect** (Prod.)
- (Pharmaceutical chemistry; influenced by application of certain auxiliaries.)
- d* Verdickungseffekt *m*; Verdickungswirkung *f*
- f* effet *m* épaississant
- p* efeito *m* de espessamento
- 6371 thickening properties** (Prod.)  
(Pharmaceutical technology.)
- d* eindickende Eigenschaften *fpl*
- f* propriétés *fpl* épaississantes
- p* propriedades *fpl* de espessamento
- 6372 thiochrome** (Vit.)  
(C<sub>12</sub>H<sub>14</sub>N<sub>4</sub>O<sub>5</sub>; vitamin B<sub>1</sub> oxidation product.)
- d* Thiochrom *n*
- f* thiochrome *m*
- p* tiocrome *m*
- 6373 thioctic acid; lipoic acid** (Enz.)  
(C<sub>8</sub>H<sub>14</sub>O<sub>2</sub>S<sub>2</sub>; pyruvate oxidation factor. Coenzyme for oxidative decarboxylation.)
- d* Thioctansäure *f*
- f* acide *m* thioctique; acide *m* lipoïque
- p* ácido *m* tióctico; ácido *m* lipóico
- 6374 thiol group** (Enz.)  
(Thiols are organic compounds of the SH-group; the SH-free thiol group of the cysteine intervenes in the acetyl CoA -activity.)
- d* Thiol-Gruppe *f*; Gruppe *f* der Thiole
- f* groupe *m* thiol
- p* grupo *m* tiol
- 6375 thionyl chloride** (Vit.)  
(SOCl<sub>2</sub>; starting material in the "synthesis course of nicotinamide"(see entry). Also called: nicotinic acid amide; niocinamide; (vitamin B<sub>3</sub>, PP).)
- d* Thionylchlorid *n*
- f* chlorure *m* de thionyle
- p* cloreto *m* de tionila
- \* thiotepa → 6521**
- \* thomas balsam → 750**
- 6376 threonine** (Enz.)  
(Enzymology; C<sub>4</sub>H<sub>9</sub>NO<sub>3</sub>; essential amino acid.)
- d* Threonin *n*
- f* thréonine *f*
- p* treonina *f*

- 6377 throat**  
(Anat.)  
(Passage to the stomach and lungs.)  
*d* Kehle *f*; Hals *m*; Gurgel *f*; Rachen *n*;  
Schlund *m*  
*f* gorge *f*; gosier *m*  
*p* garganta *f*; goela *f*; pescocoço *m*
- 6378 thrombin**  
(Enz.)  
(A proteolytic blood clotting promoting enzyme, originated from prothrombin, see entry: vitamin K – activator of the prothrombin.)  
*d* Thrombin *n*  
*f* thrombine *f*  
*p* trombina *f*
- \* **thrombus** → 928
- \* **thrombus formation** → 930
- \* **through the mouth** → 4692
- 6379 thyme oil**  
(Phyto.)  
("Thymus vulgaris L., Labiatae"; constituent e.g. thymol (see this entry); use: ext.: rubefacient (counterirritant for muscular pain relief), antiseptic; int.: carminative, expectorant.)  
*d* Thymianöl *n*; Quendelöl *n*  
*f* essence *f* de thyme; essence *f* de serpolet  
*p* óleo *m* de tomilho; óleo *m* de timo; óleo *m* de serpão
- 6380 thymine**  
(Cyt.)  
(C<sub>5</sub>H<sub>6</sub>N<sub>2</sub>O<sub>2</sub>, DNA-pyrimidine base, one of the bases of the genetic codes, pairing with RNA-adenine.)  
*d* Thymin *n*  
*f* thymine *f*  
*p* timina *f*
- 6381 thymol**  
(Phyto.)  
(Thyme camphor; C<sub>10</sub>H<sub>14</sub>O; see entry: thyme oil; use: antiseptic; also in actinomycosis.)  
*d* Thymol *n*  
*f* thymol *m*  
*p* timol *m*
- 6382 thymus gland**  
(Anat.)  
(See entry: athymia.)  
*d* Thymusdrüse *f*
- f* glande *f* thymique  
*p* glândula *f* tímica
- 6383 thyroglobulin**  
(Horm.)  
(Specific iodized thyroid gland protein: base for the synthesis of the thyroid hormone.)  
*d* Thyreoglobulin *n*  
*f* thyroglobuline *f*  
*p* tireoglobulina *f*
- 6384 thyroid gland**  
(Anat.)  
(An endocrine gland; producing the thyroid hormones thyroxine and triiodothyronine.)  
*d* Schilddrüse *f*  
*f* thyroïde *f*  
*p* tireóide *f*
- 6385 thyroid hormones**  
(Horm.)  
(Thyroxine and triiodothyronine.)  
*d* Schilddrüsenhormone *npl*  
*f* hormones *fpl* de la thyroïde; hormones *fpl* thyroïdiennes  
*p* hormônios *mpl* da tireóide
- 6386 thyroid hormones are amino acid derivatives**  
(Horm.)  
(Ref. to the chemical origin of hormones.)  
*d* Schilddrüsenhormone *npl* sind Aminosäurenabkömmlinge  
*f* hormones *fpl* de la thyroïde sont des dérivés d'acides amines  
*p* hormônios *mpl* da tireóide são derivados de aminoácidos
- 6387 thyroid-stimulating hormone**  
(Horm.)  
(Thyrotropine; thyrotrophin (TSH).)  
*d* schilddrüsenanregendes Hormon *n*; Schilddrüse anregendes Hormon *n*  
*f* hormone *f* stimulante de la thyroïde  
*p* hormônio *m* estimulante da tireóide
- 6388 thyrostatic medicinal drug**  
(Prod.)  
(Medicament for the depression of the thyroid activity (in hyperthyroidism).)  
*d* Thyreostatikum *n*;  
Schilddrüsenhemmmittel *n*  
*f* médicament *m* thyrostatique  
*p* medicamento *m* inibidor da tireóide; medicamento *m* contra hipertiroidismo; medicamento *m* contra hipertiroïdia

- 6389 thyrotrop[h]ic** *adj*  
(Horm.)  
(Ref. to a substance having an activity stimulating effect on the secretion of the thyroid gland; see entry: thyrotropin (TSH); thyrotropic hormone (TTH).)  
*d* thyreotrop  
*f* thyroïtrophe  
*p* estimulante *m* tireóideo
- 6390 thyrotrop[h]in; TSH; thyrotropic hormone; TTH**  
(Horm.)  
(Thyroid-stimulating hormone.)  
*d* Thyreotropin *n*; thyreotropes Hormon *n*  
*f* thyrotropine *f*; hormone *f* thyroïtrophe  
*p* tireotropina *f*
- 6391 thyrotrop[h]in-releasing hormone**  
(Horm.)  
(TRH; a hypothalamic, thyrotrop[h]in-stimulating, hormone; thyrotropin-releasing factor.)  
*d* Thyreotropin *n* freisetzendes Hormon  
*f* thyrolibérine *f*; hormone *f* de libération de la thyroïtrophine  
*p* hormônio *m* de liberação de tirotrófina  
  
\* **thyrotropic hormone** → 6390
- 6392 thyroxine**  
(Horm.)  
(Iodine-containing thyroid hormone.)  
*d* Thyroxin *n*  
*f* thyroxine *f*  
*p* tiroxina *f*
- 6393 tightness**  
(Prod.)  
(Pharmaceutical technology; ref. to a structure which inhibits passage of liquids, gases and radiation etc.)  
*d* Dichtigkeit *f*; Dichtheit *f*  
*f* étanchéité *m*  
*p* estancamento *m*
- 6394 tincture of iodine**  
(Prod.)  
(Pharmaceutical technology; iodine, symbol: I; antiseptic based on iodine, dissolved in ethanol.)  
*d* Jodtinktur *f*  
*f* teinture *f* d'iode  
*p* tintura *f* de iodo
- 6395 tissue construction**  
(Anat.)  
(Ref. to anatomical aspects of tissues.)  
*d* Gewebeaufbau *m*  
*f* construction *f* tissulaire  
*p* construção *f* dos tecidos
- 6396 tissue defence capacity**  
(Vit.)  
(Vitamin in physiology; Made possible by vitamin action.)  
*d* Abwehrfähigkeit *f* als Gewebsschutz  
*f* capacité *f* de défense des tissus  
*p* capacidade *f* de defesa dos tecidos
- 6397 tissue development control**  
(Med.)  
(E.g. ref. to supposed intervention of fat-soluble vitamins.)  
*d* Kontrolle *f* der Gewebsentwicklung; Gewebsentwicklungskontrolle *f*  
*f* contrôle *f* du développement des tissus  
*p* controle *m* do desenvolvimento dos tecidos
- 6398 tissue growth**  
(Vit.)  
(Vitamin physiology; promoted by supposed intervention of fat-soluble vitamins.)  
*d* Gewebswachstum *n*  
*f* croissance *f* des tissus  
*p* crescimento *m* tissular  
  
\* **tissue hormone** → 6408
- 6399 tissue oxidation-reduction**  
(Vit.)  
(Vitamin physiology; influenced by coenzymes, as e.g. riboflavin (vitamin B<sub>2</sub>) as coenzyme component in this reduction-process.)  
*d* Gewebs-Oxidation-Reduktion *f*  
*f* oxydoréduction *f* tissulaire  
*p* óxido-redução *f* dos tecidos
- 6400 tissue reabsorption of calcium stimulated by vitamin D**  
(Vit.)  
(Vitamin physiology.)  
*d* Gewebswiederabsorption *f* von Calcium angeregt durch Vitamin D  
*f* réabsorption *f* tissulaire du calcium stimulée par la vitamine D  
*p* reabsorção *f* tissular do cálcio estimulada pela vitamina D
- 6401 tissue reaction against attacks**  
(Vit.)  
(Vitamin physiology; tissue reaction (against e.g. parasitary, bacterial etc) attacks promoted by vitamin activity.)

- d* Gewebsreaktion *f* auf Angriffe; Reaktion *f* auf durch Viren bedingte Angriffe  
*f* réaction *f* des tissus aux agressions virales  
*p* reação *f* dos tecidos às agressões virais
- 6402 tissue reaction against viral attacks**  
 (Vit.)  
 (Tissue reaction promoted by vitamin activity.)  
*d* Gewebsreaktion *f* auf Virusangriffe; Reaktion *f* auf durch Viren bedingte Angriffe  
*f* réaction *f* des tissus aux agressions virales  
*p* reação *f* dos tecidos às agressões virais
- 6403 tissue regeneration**  
 (Vit.)  
 (Vitamin physiology; stimulated by intervention of fat-soluble vitamins.)  
*d* Gewebsregenerierung *f*; Gewebserneuerung *f*  
*f* régénérescence *f* des tissus  
*p* regeneração *f* dos tecidos
- 6404 tissue regeneration control**  
 (Vit.)  
 (Vitamin physiology; ref. to the supposed influence of certain vitamins, as those of the fat-soluble A-group.)  
*d* Gewebsregenerierungskontrolle *f*; Kontrolle *f* der Gewebserneuerung  
*f* contrôle de la régénérescence des tissus  
*p* controle *f* da regeneração dos tecidos
- 6405 tissue respiration; tissular respiration**  
 (Vit.)  
 (Vitamin physiology; supposed to be made possible by vitamin action.)  
*d* Gewebsatmung *f*  
*f* respiration *f* tissulaire  
*p* respiração *f* tissular; respiração *f* dos tecidos
- 6406 tissular anarchism**  
 (Vit.)  
 (Hypovitaminosis; ref. to the supposed influence caused by the absence of certain vitamins, as those of the fat-soluble A-group.)  
*d* Gewebsanarchie *f*  
*f* anarchie *f* tissulaire  
*p* anarquia *f* tissular
- 6407 tissular character**  
 (Vit.)  
 (Vitamin physiology; ref. to supposed intervention of fat-soluble vitamins.)  
*d* Gewebscharakter *m*  
*f* caractère *m* tissulaire  
*p* caráter *m* tissular
- \* **tissular diffusion of an antibiotic** → 488
- 6408 tissular hormone; tissue hormone**  
 (Horm.)  
 (E.g. serotonin, acetylcholine, histamine etc.)  
*d* Gewebshormon *n*  
*f* hormone *f* tissulaire  
*p* hormônio *m* tissular
- 6409 tissular hormone produced in specialized cells**  
 (Horm.)  
 (E.g. histamines; the other hormones are produced by glands of internal secretion.)  
*d* Gewebshormon *n*, von spezialisierten Zellen produziert  
*f* hormone *f* tissulaire produite par des cellules spécialisées  
*p* hormônio *m* tecidual produzido por células especializadas
- 6410 tissular impact**  
 (Med.)  
 (Ref. to the influence of substances like hormones, vitamins etc. on the tissue.)  
*d* Einwirkung *f* auf das Gewebe  
*f* impact *m* tissulaire  
*p* impacto *m* tissular
- 6411 tissular penetration of an antibiotic**  
 (Ant.)  
 (Ref. to a characteristic of an antibiotic drug in antibiotherapy.)  
*d* Gewebsdurchdringung *f* eines Antibiotikums  
*f* pénétration *f* tissulaire d'un antibiotique  
*p* penetração *f* tissular de um antibiótico
- \* **tissular respiration** → 6405
- 6412 tissular restructuring**  
 (Vit.)  
 (Vitamin physiology; biochemical reaction of tissue restoration, supported by certain vitamins.)  
*d* Gewebs-Wiederherstellung *f*  
*f* restructuration *f* tissulaire  
*p* reestruturação *f* tissular
- 6413 tissular selectivity of a medicamentous substance**  
 (Pharm.)  
 (Ref. to a medicamentous drug having a selective affinity to a target organ.)  
*d* Gewebsselektivität *f* einer medikamentösen Substanz  
*f* sélectivité *f* tissulaire d'une substance médicamenteuse  
*p* seletividade *f* tissular de uma substância medicamentosa

- 6414 tissular synthesis**  
(Vit.)  
(Vitamin physiology; biochemical reaction of tissue development and restoration, supported by certain vitamins.)  
*d* Gewebssynthese *f*  
*f* synthèse *f* tissulaire  
*p* síntese *f* tissular
- 6415 tissular utilization of a vitamin**  
(Vit.)  
(Vitamin physiology.)  
*d* Vitamin-Nutzung *f* eines Gewebes; Nutzung *f* eines Vitamins durch das Gewebe  
*f* utilisation *f* tissulaire d'une vitamine; utilisation *f* d'une vitamine par des tissus  
*p* utilização *f* tissular de uma vitamina; utilização *f* de uma vitamina pelos tecidos
- 6416 titanium dioxide**  
(Prod.)  
(TiO<sub>2</sub>; rutile and anatase; e.g. colouring agent; auxiliary in pharmaceutical processes/production.)  
*d* Titandioxid *n*  
*f* dioxyde *m* de titane; blanc *m* de titane  
*p* dióxido *m* de titânio
- 6417 titration curve of amino acids; titration graph of amino acids**  
(Prod.)  
(Pharmaceutical technology; method of concentration determination of a dissolved substance (e.g. amino acids in research and laboratory work).)  
*d* Aminosäuren-Titrations-Kurve *f*;  
Titrationskurve *f* von Aminosäuren  
*f* courbe *f* de titrage des acides aminés  
*p* curva *f* de titulação de aminoácidos; curva *f* titulação de aminoácidos
- \* **titration graph of amino acids** → 6417
- 6418 titration of the amine group**  
(Prod.)  
(-NH<sub>2</sub>); pharmaceutical technology; method of concentration determination of a dissolved substance (research and laboratory work).)  
*d* Titration *f* der Aminogruppe  
*f* titration *f* du groupe aminé  
*p* titração *f* de amino-grupo
- 6419 titration of the carboxyl group**  
(Prod.)  
(-COOH); pharmaceutical technology; method of concentration determination of a dissolved substance (research and laboratory work.)  
*d* Titration *f* der Carboxylgruppe  
*f* titration *f* du groupe carboxyl  
*p* titração *f* de grupo carboxílico
- 6420 to be v dissolved in water** (*adj*)  
(Prod.)  
(Pharmaceutical technology.)  
*d* in Wasser zu lösen  
*f* à dissoudre dans l'eau  
*p* a dissolver em água
- 6421 tocopherol extract**  
(Vit.)  
(C<sub>29</sub>H<sub>50</sub>O<sub>2</sub>. Vitamin E; an antioxidant.)  
*d* Tocopherolextrakt *m*  
*f* extrait *m* de tocophérol  
*p* extrato *m* de tocoferol
- 6422 tocopherol in cell respiration**  
(Vit.)  
(Vitamin physiology, ref. to vitamin E activity.)  
*d* Tocopherol *n* in der Zellatmung  
*f* tocophérol *m* dans la respiration cellulaire  
*p* tocoferol *m* na respiração celular
- 6423 tocopherol in the formation of cell membrane phospholipids**  
(Vit.)  
(Vitamin physiology, ref. to vitamin E activity.)  
*d* Tocopherol *n* in der Bildung von Phospholipiden der Zellwände  
*f* tocophérol *m* dans la formation des phospholipides membranaires des cellules  
*p* tocoferol *n* na formação dos fosfolípidos da membrana celular
- 6424 tocopherols as conservation auxiliaries in medicinal drugs**  
(Vit.)  
(Vitamin technology; e.g. vitamin E for medicamental drugs of all types of administration.)  
*d* Tocopherole *npl* als Konservierungsmittel in Medikamenten  
*f* tocophérols *mpl* comme auxiliaires de conservation dans les médicaments  
*p* tocoferois *mpl* como auxiliares de conservação em medicamentos
- 6425 tocopheryl acetate**  
(Vit.)  
(C<sub>31</sub>H<sub>52</sub>O<sub>3</sub>; vitamin E acetate.)  
*d* Tocopherylacetat *n*  
*f* acétate *m* de tocophéryl  
*p* acetato *m* de tocoferila



- 6426 tocopheryl acetate adsorbate**  
(Vit.)  
(Vitamin technology; tocopheryl acetate = vitamin E acetate = C<sub>31</sub>H<sub>52</sub>O<sub>3</sub>.)  
*d* Tocopherylacetatadsorbat *n*  
*f* adsorbat *m* d'acétate de tocophéryl  
*p* adsorbato *m* de acetato de tocoferila
- 6427 tocopheryl acetate as vitamin E**  
(Vit.)  
(Tocopheryl acetate (C<sub>31</sub>H<sub>52</sub>O<sub>3</sub>))  
*d* Tocopherylacetat *n* als Vitamin E  
*f* acétate *m* de tocophérol comme acétate de vitamine E  
*p* acetato *m* de tocoferin como tocoferila acetato de vitamina E
- 6428 tocopheryl acetate spray-dried dry powder**  
(Vit.)  
(Vitamin technology; C<sub>31</sub>H<sub>52</sub>O<sub>3</sub>; vitamin E acetate preparation.)  
*d* Tocopherylacetat, sprühgetrocknetes Trockenpulver *n*  
*f* acétate *m* de tocophéryl en poudre séchée par atomisation  
*p* acetato *m* de tocoferila pó seco por pulverização
- 6429 tocopheryl succinate**  
(Vit.)  
(Vitamin technology; vitamin E derivative.)  
*d* Tocopheryl-Succinat *n*  
*f* succinate *m* de tocophéryl  
*p* succinato *m* de tocoferila
- 6430 tolbutamide**  
(Prod.)  
(C<sub>12</sub>H<sub>18</sub>N<sub>2</sub>O<sub>3</sub>S; 1-Butyl-3-(p-tolylsulfonyl) urea; medicamentous substance; see entry: antidiabetic medicinal drug; diabetes mellitus.)  
*d* Tolbutamid *n*  
*f* tolbutamide *f*  
*p* tolbutamida *f*
- 6431 tolerability of a medicament**  
(Pharm.)  
(Pharmacodynamics; e.g. ref. to a well-tolerated medicament.)  
*d* Arzneimittelvertäglichkeit *f*  
*f* tolérabilité *f* d'un médicament  
*p* tolerabilidade *f* de um medicamento
- 6432 tolerance dose**  
(Prod.)  
(Pharmaceutical technology; ref. to active substance activity and active substance dosage processes.)  
*d* Toleranzdosis *f*  
*f* dose *f* de tolérance; dose *f* tolérée  
*p* dose *f* de tolerância; dose *f* tolerada
- 6433 tolerance limit**  
(Prod.)  
(Pharmaceutical technology; e.g. tolerance limit for certain product characteristics.)  
*d* Toleranzgrenze *f*  
*f* limite *f* de tolérance  
*p* limite *m* de tolerância
- 6434 tolerance limit of the tissue**  
(Pharm.)  
(Ref. to tolerance e.g. against medicamentous substances.)  
*d* Toleranzgrenze *f* des Gewebes  
*f* limite *f* de tolérance des tissus  
*p* limite *m* de tolerância dos tecidos
- 6435 tolerance margin**  
(Pharm.)  
(Ref. to tolerance e.g. against medicamentous substances.)  
*d* Toleranzbereich *m*  
*f* marge *f* de tolérance  
*p* margem *f* de tolerância
- 6436 tolerance of tissues**  
(Pharm.)  
(Ref. to tolerance e.g. against medicamentous substances.)  
*d* Gewebstoleranz *f*;  
Gewebswiderstandsfähigkeit *f*  
*f* tolérance *f* par les tissus  
*p* tolerância *f* dos tecidos
- 6437 tolerance threshold**  
(Pharm.)  
(Ref. to tolerance, e.g. against medicamentous substances; ref. to the inferior tolerance limit, where the medicamentous substance begins to evoke a response.)  
*d* Toleranzschwelle *f*  
*f* seuil *m* de tolérance  
*p* limiar *m* de tolerância
- 6438 tonic**  
(Prod.)  
(Vigour increasing medicinal drug.)  
*d* Tonikum *n*; kräftigendes Mittel *n*  
*f* tonique *m*; médicament *m* tonique; médicament *m* tonifiant  
*p* tônico *m*; medicamento *m* tonificante
- 6439 tonicity**  
(Prod.)  
(Pharmaceutical chemistry; effective osmotic pressure of a solution.)

- d* Spannungszustand *m*  
*f* tonicité *f*  
*p* tonicidade *f*
- 6440 tonicity of a solution**  
 (Prod.)  
 (Pharmaceutical chemistry; ref. to the osmotic pressure, osmotic tension.)  
*d* Spannung *f* einer Lösung  
*f* tonicité *f* d'une solution  
*p* tonicidade *f* de uma solução
- 6441 tonicity of eye drop solutions**  
 (Prod.)  
 (Pharmaceutical technology; ref. to the effective osmotic pressure of these solutions.)  
*d* Spannungszustand *m* von Augentropfenlösungen  
*f* tonicité *f* des solutions de collyre  
*p* tonicidade *f* das soluções de colírio
- \* **tonus of the sympathetic** → 6290
- 6442 tooth**  
 (Anat.)  
 (P.: teeth; part of the mouth structure; e.g. used for cutting nutritional components during the process of eating.)  
*d* Zahn *m*  
*f* dent *f*  
*p* dente *m*
- 6443 topical action by depositing the medicament; topical action by deposition of the medicament**  
 (Pharm.)  
 (E.g. by laying the medicamentous substance on the mucosa to be treated.)  
*d* örtliche Wirkung *f* durch Ablagerung des Medikamentes  
*f* action *f* topique par dépôt du médicament  
*p* ação *f* tópica por deposição do medicamento
- \* **topical action by deposition of the medicament** → 6443
- 6444 topical application; local application**  
 (Prod.)  
 (Pharmaceutical technology; product characteristic of a pharmaceutical form: e.g. vitaminized dermatological preparations.)  
*d* äußerliche Anwendung *f*; örtliche Anwendung *f*;  
*f* application *f* topique; application *f* locale  
*p* aplicação *f* externa; aplicação tópica; aplicação *f* local
- 6445 topical dermatological preparation; dermatological preparation for local application**  
 (Prod.)  
 (Pharmaceutical technology; ref. to creams, ointments for skin treatment.)  
*d* topisches dermatologisches Präparat *n*;  
 dermatologisches Präparat *n* zur örtlichen Anwendung  
*f* préparation *f* topique dermatologique;  
 préparation *f* dermatologique pour l'application locale  
*p* preparação *f* dermatológica tópica;  
 preparação *f* dermatológica para aplicação local
- 6446 topical disinfectant**  
 (Prod.)  
 (Pharmaceutical technology; e.g. based on PVP-iodine.)  
*d* örtlich anwendbares Desinfektionsmittel *n*  
*f* désinfectant *m* topique  
*p* desinfetante *m* tópico
- 6447 topical effect of a medicament; local effect of an ointment**  
 (Pharm.)  
 (Ref. to the characteristics of a medicament.)  
*d* örtlicher Effekt *f* eines Arzneimittels; topische Wirkung *f* einer Salbe  
*f* effet *m* topique d'un médicament; effet *m* local d'un onguent  
*p* efeito *m* tópico de um medicamento; efeito *m* local de uma pomada
- 6448 topical medicament**  
 (Prod.)  
 (Pharmaceutical technology: ref. to the "local action of a medicament" (see this entry).)  
*d* örtlich anwendbares Medikament *n*  
*f* médicament *m* topique  
*p* medicamento *m* tópico
- 6449 topical solution**  
 (Prod.)  
 (Pharmaceutical technology; dosage form for skin treatment.)  
*d* topische Lösung *f*  
*f* solution *f* topique  
*p* solução *f* tópica
- 6450 topical suspension**  
 (Prod.)  
 (Pharmaceutical technology; dosage form for skin treatment.)  
*d* topische Suspension *f*  
*f* suspension *f* topique  
*p* suspensão *f* tópica

- 6451 total of the biologically available vitamin**  
(Vit.)  
(Vitamin physiology; ref. to the bioavailability of a vitamin.)  
*d* gesamtes biologisch verfügbares Vitamin *n*  
*f* total *m* de la vitamine biologiquement disponible  
*p* total *m* da vitamina biologicamente disponível
- 6452 total synthesis of a vitamin; complete synthesis of a vitamin; entire synthesis of a vitamin**  
(Vit.)  
(Vitamin biochemistry: for vitamin structure confirmation.)  
*d* totale Vitamin-Synthese *f*; komplette Vitamin-Synthese *f*; vollständige Vitamin-Synthese *f*  
*f* synthèse *f* totale de la vitamine; synthèse *f* complète de la vitamine; synthèse *f* entière de la vitamine  
*p* síntese *f* total da vitamina; síntese *f* completa da vitamina; síntese *f* integral da vitamina
- 6453 total volume of the medicamentous molecule**  
(Mol.)  
(Ref. to van der Waals volume (Dutch physicist, Johannes D. van der Waals, 1837–1923). Forces: attractive forces between atoms or molecules.)  
*d* Gesamtvolumen *n* des medikamentösen Moleküls  
*f* volume *m* total de la molécule médicamenteuse  
*p* volume *m* total da molécula medicamentosa
- 6454 toxic dose**  
(Pharm.)  
(Pharmacodynamics; dose with negative side-effects.)  
*d* toxische Dosis *f*; giftige Dosis *f*  
*f* dose *f* toxique  
*p* dose *f* tóxica
- 6455 toxicity for reproduction**  
(Pharm.)  
(Ref. to pharmacodynamic studies of active principles.)  
*d* Toxizität *f* für die Reproduktion; Giftigkeit *f* für die Fortpflanzung  
*f* toxicité *f* pour la reproduction  
*p* toxicidade *f* para a reprodução
- 6456 toxicity of an active ingredient**  
(Prod.)  
(Pharmaceutical technology.)  
*d* Toxizität *f* des aktiven Bestandteils;
- Giftigkeit *f* des aktiven Bestandteils  
*f* toxicité *f* d'ingrédient actif  
*p* toxicidade *f* do ingrediente ativo; toxidez *f* do ingrediente ativo
- 6457 toxicity of repeated doses**  
(Pharm.)  
(Ref. to pharmacodynamic studies of active principles.)  
*d* Toxizität *f* wiederholter Dosen; Giftigkeit *f* wiederholter Dosen  
*f* toxicité *f* de doses répétées  
*p* toxicidade *f* de doses repetidas
- 6458 toxicity reduction of drugs**  
(Prod.)  
(Pharmaceutical technology. e.g. by complexation with certain auxiliaries.)  
*d* Toxizitätsreduzierung *f* von medizinischen Wirkstoffen; Giftigkeitsverminderung *f* von medizinischen Wirkstoffen  
*f* réduction *f* de la toxicité des substances actives  
*p* redução *f* da toxicidade das substâncias ativas
- 6459 toxicity test**  
(Prod.)  
(Pharmaceutical chemistry; ref. to research and control.)  
*d* Toxizitätstest *m*; Giftigkeits-Untersuchung *f*  
*f* essai *m* de toxicité  
*p* teste *m* de toxicidade
- 6460 toxicological studies of the biotechnological products**  
(Enz.)  
(Biotechnology as applied biological science aimed at industrial exploitation: studies necessary before marketing of the products.)  
*d* toxicologische Untersuchungen *fpl* der biotechnologischen Produkte  
*f* études *fpl* toxicologiques des produits de la biotechnologie  
*p* estudos *mpl* toxicológicos dos produtos da biotecnologia
- 6461 toxic phenomenon**  
(Prod.)  
(Pharmaceutical chemistry; e.g. ref. to research, control processes etc.)  
*d* toxisches Phänomen *n*; toxische Erscheinung *f*  
*f* phénomène *m* toxique  
*p* fenômeno *m* tóxico
- 6462 toxic side-effect**  
(Pharm.)  
(Ref. to considerations about the side-effects of a drug.)

- d* toxische Nebenwirkung *f*; giftige Nebenwirkung *f*  
*f* effet *m* latéral toxique  
*p* efeito *m* lateral tóxico
- 6463 toxins of microbial origin**  
 (Enz.)  
 (Biotechnology; ref. to poisonous substances.)  
*d* Toxine *npl* mikrobieller Herkunft; mikrobielle Giftstoffe *mpl*  
*f* toxines *fpl* d'origine microbienne  
*p* toxinas *fpl* de origem microbiana
- 6464 toxoids**  
 (Med.)  
 (Detoxicated toxins, having an immunizing effect.)  
*d* Toxoide *npl*  
*f* toxoides *mpl*  
*p* toxóides *mpl*
- 6465 toxoid vaccine**  
 (Prod.)  
 (Based on still antibody producing, no more toxic toxin of a pathogen.)  
*d* Toxoidimpfstoff *m*  
*f* vaccin *m* à toxoïdes  
*p* vacina-toxóide *f*; vacina *f* à base de toxóides
- 6466 trace elements**  
 (Vit.)  
 (Vitamin technology; required for body functioning in very small amounts; part of vitamin formulations.)  
*d* Spurenelemente *npl*  
*f* oligoéléments *mpl*  
*p* microelementos *mpl*
- 6467 trace elements as enzyme activators**  
 (Enz.)  
 (Aluminum, boron, cobalt, copper, iron, manganese, molybdenum, vanadium, zinc.)  
*d* Spurenelemente *npl* als Enzymaktivatoren; Spurenelemente *npl* als Enzymbeschleuniger  
*f* oligoéléments *mpl* comme activateurs des enzymes  
*p* microelementos *mpl* como ativadores das enzimas
- 6468 tracheal** *adj*  
 (Med.)  
 (E.g. medicinal drug administration through the windpipe.)  
*d* Luftröhre betreffend  
*f* trachéal; trachéen  
*p* referente à traquéia
- \* **tragacanth** → 2986
- \* **tragacanth as an excipient** → 2987
- 6469 tranquilizer**  
 (Prod.)  
 (Medicinal drug: Minor t.: against neuroses, tensions. Major t.: against mental disorders.)  
*d* Tranquilizer *m*  
*f* tranquillesant *m*  
*p* tranqüilizante *m*
- \* **tranquillizers** → 579
- 6470 transaminase; aminotransferase**  
 (Enz.)  
 (Transamination realizing coenzyme; transamination enzyme, which transports the molecular group NH<sub>2</sub>.)  
*d* Transaminase *f*; Aminotransferase *f*  
*f* transaminase *f*; aminotransférase *f*  
*p* transaminase *f*; aminotransferase *f*
- 6471 transamination**  
 (Vit.)  
 (A specific oxidation-reduction-type in vitamin biochemistry.)  
*d* Transaminierung *f*  
*f* transamination *f*  
*p* transaminação *f*
- 6472 transamination of the amino acids**  
 (Vit.)  
 (A specific oxidation-reduction-type in vitamin (B<sub>6</sub>)-biochemistry.)  
*d* Transaminierung *f* der Aminosäuren  
*f* transamination *f* des acides aminés  
*p* transaminação *f* dos amino-ácidos
- \* **trans-butenedioic acid** → 2760
- 6473 transduction**  
 (Cyt.)  
 (Genetical transfer between bacteria by action of a bacteriophage (a bacteria attacking virus).)  
*d* Transduktion *f*  
*f* transduction *f*  
*p* transdução *f*
- 6474 transduction of the hormonal message**  
 (Horm.)  
 (Realized by special proteins, the proteins G (guanosine triphosphate, GTP – binding protein).)  
*d* Transduktion *f* der hormonellen Botschaft  
*f* transduction *f* du message hormonal  
*p* transdução *f* da mensagem hormonal

- 6475 transduodenal administering of medicaments**  
(Med.)  
(Ref. to administering of a specific kind of medicine: by the duodenum.)  
*d* transduodenale Verabreichung *f* von Medikamenten  
*f* administration *f* transduodenale des médicaments  
*p* administração *f* transduodenal do medicamento
- 6476 transfer**  
(Enz.)  
(Biotechnology; ref. to transport-type of biochemical, molecular etc sub-unities.)  
*d* Transfer *m*; Überführung *f*; Weitertransport *m*  
*f* transfert *m*  
*p* transferência *f*
- 6477 transferase**  
(Enz.)  
(Enzyme classification. Transfer promoting enzyme, e.g. ATP-transferase.)  
*d* Transferase *f*  
*f* transférase *f*  
*p* transferase *f*
- 6478 transfer of energy-rich bonds**  
(Enz.)  
(Biochemical activity, transfer between cells.)  
*d* Transfer *m* der energiereichen Bindungen; Überführung *f* der energiereichen Bindungen; Weitertransport *m* der energiereichen Bindungen  
*f* transfert *m* des liaisons riches en énergie  
*p* transferência *f* das ligações ricas em energia
- 6479 transfer of the acetyl coA**  
(Enz.)  
(Enzymology, biochemical activities within the cell.)  
*d* Acetyl-CoA-Transfer *m*  
*f* transfert *m* de l'acétyl-coA  
*p* transferência *f* da acetil-coA
- 6480 transformation by autoxidation**  
(Prod.)  
(Pharmaceutical chemistry; ref. to undesirable product alterations e.g. during processing stages or storing.)  
*d* Verwandlung *f* durch Autooxidation  
*f* transformation *f* par auto-oxydation; transformation *f* par autoxydation  
*p* transformação *f* por auto-oxidação
- 6481 transformation by elementary pharmaceutical procedures**  
(Phyto.)  
(Pharmaceutical processes: e.g. ref. to treatment of drugs of vegetable origin.)  
*d* Transformation *f* durch elementare pharmazeutische Verfahrensweisen; Umwandlung *f* durch elementare pharmazeutische Verfahrensweisen  
*f* transformation *f* par des procédés pharmaceutiques élémentaires  
*p* transformação *f* por processos farmacêuticos elementares
- 6482 transformation of foodstuffs progressively dominated**  
(Enz.)  
(Ref. to research and production in the field of biotechnology for industrial exploitation.)  
*d* schrittweise beherrschte Transformation *f* von Nahrungsmitteln; progressiv beherrschte Umwandlung *f* von Nahrungsmitteln  
*f* transformations *fpl* de produits alimentaires progressivement maîtrisés  
*p* transformações *fpl* de produtos alimentícios, progressivamente dominadas
- 6483 transformation of glucose into pentoses**  
(Enz.)  
(Enzymology; promoted by the pentose cycle.)  
*d* Umwandlung *f* der Glykose in Pentosen  
*f* transformation *f* du glucose en pentoses  
*p* transformação *f* da glicose em pentoses
- 6484 transitory and reversible modification capacity**  
(Enz.)  
(Certain reaction characteristic of the coenzyme.)  
*d* vorübergehende und umkehrbare Veränderungsfähigkeit *f*  
*f* capacité *f* de modification transitoire et réversible  
*p* capacidade *f* de modificação transitória e reversível
- 6485 transitory raising**  
(Pharm.)  
(Ref. to the effect of an active principle, as e.g.: transitory raising of the rate of urea, of creatinine etc.)  
*d* vorübergehende Erhöhung *f*; transitorische Erhöhung *f*  
*f* élévation *f* transitoire  
*p* elevação *f* transitória

- 6486 translation**  
(Cyt.)  
(Cytology; ref. to the translation of the genetic information from the RNA to the protein (ref. to transfer RNA).)  
*d* Translation *f*  
*f* translation *f*  
*p* translação *f*
- 6487 translational energy**  
(Mol.)  
(A form of kinetic energy (see this entry), ref. to gases/gas molecules.)  
*d* Translationsenergie *f*  
*f* énergie *f* de translation  
*p* energia *f* de translação
- 6488 translation of the genetic code**  
(Cyt.)  
(Cytology; ref. to protein synthesis at the ribosomes in molecular genetics.)  
*d* Übersetzung *f* des genetischen Kodes  
*f* traduction *f* du code génétique  
*p* tradução *f* do código genético
- 6489 translocation**  
(Cyt.)  
(Exchange of chromosome parts from one to another chromosome, causing genetic disorders.)  
*d* Translokation *f*  
*f* translocation *f*  
*p* translocação *f*
- 6490 translocation of chromosomal segments**  
(Cyt.)  
(Occurring within the same chromosome or from one, to another one, due to mutation.)  
*d* Translokation *f* von Chromosomensegmenten  
*f* translocation *f* de segments chromosomiques  
*p* translocação *f* de segmentos cromossômicos
- \* **translucent** → 1890
- 6491 transmembrane receptors**  
(Horm.)  
(Ref. to hydrophilic hormones and their necessity to use plasmatic membranes as vehicle.)  
*d* Transmembran-Rezeptoren *mpl*  
*f* récepteurs *mpl* transmembranaires  
*p* receptores *mpl* penetradores das membranas
- 6492 transmethylation**  
(Vit.)  
(Ref. to vitamin B<sub>12</sub>-activity.)  
*d* Transmethylierung *f*  
*f* transméthylation *f*
- p* transmetilação *f*
- 6493 transmission of hormonal signal**  
(Horm.)  
(Ref. to signalisation (ways) used by the membrane receptors to the hormones.)  
*d* Übertragung *f* des Hormonsignals  
*f* transmission *f* du signal hormonal  
*p* transmissão *f* do sinal hormonal
- 6494 transmission of hormone stimulation**  
(Horm.)  
(The guanosine triphosphate, GTP, intervenes in the regulation of this stimulation process.)  
*d* Übertragung *f* der Hormonregung;  
Übertragung *f* der Hormonstimulierung  
*f* transmission *f* de la stimulation de l'hormone  
*p* transmissão *f* da stimulação do hormônio
- 6495 transmission regulation of hormone stimulation**  
(Horm.)  
(The guanosine triphosphate, GTP, intervenes in the regulation of this stimulation process.)  
*d* Regulierung *f* der Übertragung der Hormonstimulierung  
*f* régulation *f* de la transmission stimulatrice de l'hormone  
*p* regulação *f* da transmissão estimuladora do hormônio
- \* **transmitter** → 6497
- 6496 transmitter breakdown**  
(Med.)  
(Inhibited by antidepressants in the central nervous system (CNS).)  
*d* Abbau *m* des Überträgerstoffes;  
Transmitterabbau *m*  
*f* décomposition *f* du transmetteur  
*p* decomposição *f* do transmissor
- 6497 transmitter substance; transmitter**  
(Horm.)  
(E.g. adrenalin, noradrenalin, serotonin – nerve impulse conducting mediators.)  
*d* Überträgersubstanz *f*; Überträgerstoff *m*;  
Überträger *m*  
*f* substance *f* de transmission; transmetteur *m*  
*p* substância *f* de transmissão; transmissor *m*
- \* **transparency of a solution** → 1343
- 6498 transparent** *adj*  
(Prod.)  
(Pharmaceutical processes; specifically in this case: e.g. a membrane, where the light rays can pass through, with the possibility of distinguishing the objects behind it clearly.)

- d* transparent; durchsichtig; glasklar  
*f* transparent; cristallin; limpide  
*p* transparente
- 6499 transparent like a crystal**  
 (Prod.)  
 (Pharmaceutical chemistry; substance characteristic; e.g. solution aspect.)  
*d* kristallklar; durchsichtig klar  
*f* transparent comme un cristal  
*p* transparente cristalino
- 6500 transparent solution**  
 (Prod.)  
 (Pharmaceutical chemistry; solution characteristic.)  
*d* transparente Lösung *f*; durchscheinende Lösung *f*  
*f* solution *f* transparente  
*p* solução *f* transparente
- 6501 transport host**  
 (Med.)  
 (Bacteriology; which produces the transport of the parasite.)  
*d* Transportwirt *m*  
*f* hôte *m* vecteur  
*p* hospedeiro *m* vetor
- 6502 transport of trace elements**  
 (Enz.)  
 (Ref. to the transport within the cells of the tissues.)  
*d* Transport *m* der Spurenelemente; Beförderung *f* der Spurenelemente  
*f* transport *m* des oligo-éléments  
*p* transporte *m* dos microelementos
- 6503 transport protein**  
 (Enz.)  
 (Enzymology: an active protein, transporting e.g. O<sub>2</sub>.)  
*d* Transportprotein *n*  
*f* protéine *f* de transport  
*p* proteína *f* de transporte
- 6504 transvaginal administering of medicaments**  
 (Med.)  
 (Medicinal drug administration through the vagina, the lower part of the female reproductive tract.)  
*d* transvaginale Arzneimittelverabreichung *f*  
*f* administration *f* transvaginale des médicaments  
*p* administração *f* transvaginal dos medicamentos
- 6505 transverse colon**  
 (Anat.)  
 (Part of the large intestine.)  
*d* querliegender Grimmdarm *m*  
*f* côlon *m* transverse  
*p* cólon *m* transverso
- 6506 trap v free radicals**  
 (Enz.)  
 (Biotechnology. Biochemical process.)  
*d* freie Radikale einfangen  
*f* capter des radicaux libres  
*p* captar radicais livres
- 6507 treated with high/low dose of vitamins**  
 (Vit.)  
 (Vitamin physiology; vitamin intake in therapeutics.)  
*d* mit hoher/niedriger Dosis von Vitaminen behandelt  
*f* traité à haute/faible dose de vitamines; soigné à haute/faible dose de vitamines  
*p* tratado a alta/baixa dose de vitaminas
- \* **treatment aimed at the symptoms** → 6144
- 6508 treatment by pulverization**  
 (Prod.)  
 (Pharmaceutical technology; in tableting processes.)  
*d* Behandlung *f* durch Pulverisierung  
*f* traitement *m* par poudrage; traitement *m* par pulvérisation  
*p* tratamento *m* por pulverização
- \* **treatment directed to the cause** → 1118
- 6509 treatment of diabetes by tablets**  
 (Med.)  
 (E.g. metformin tablets in diabetes mellitus; N,N-Dimethyldiguanide; C<sub>4</sub>H<sub>11</sub>N<sub>5</sub>.)  
*d* Tablettenbehandlung *f* der der Zuckerkrankheit  
*f* traitement *m* du diabète par des comprimés  
*p* tratamento *m* do diabetes com comprimidos; tratamento *m* da diabetes com comprimidos
- 6510 treatment of eye affections**  
 (Med.)  
 (Treatment e.g. by eye drops; see this entry.)  
*d* Behandlung *f* von Augenerkrankungen  
*f* traitement *m* des affections des yeux  
*p* tratamento *m* das afeções dos olhos
- 6511 treatment of hypersensitivity to allergies**  
 (Med.)  
 (Treatment by means of vaccines, immunostimulants.)

- d* Behandlung *f* der Überempfindlichkeit gegenüber Allergien  
*f* traitement *m* de la hypersensibilité à des allergies  
*p* tratamento *m* da hipersensibilidade às alergias
- 6512 treatment of scurvy**  
 (Med.)  
 (Vitamin C deficiency; treatment with vitamin C (ascorbic acid); scurvy symptoms: e.g. swollen and bleeding gums, subcutaneous bleeding.)  
*d* Skorbutbehandlung *f*  
*f* traitement *m* du scorbut  
*p* tratamento *m* de escorbuto
- 6513 treatment of vascular diseases**  
 (Med.)  
 (E.g. by antivitamin K, as the vitamins K (phytomenadione and menaquinone) are essential for blood clotting.)  
*d* Behandlung *f* von Gefäßkrankheiten  
*f* traitement *m* des pathologies vasculaires  
*p* tratamento *m* das patologias vasculares
- 6514 treatment of vitamin deficiency symptoms**  
 (Vit.)  
 (Vitamin physiology.)  
*d* Behandlung *f* von Vitamin-Mangelerscheinungen  
*f* traitement *m* des symptômes carenciels vitaminiques  
*p* tratamento *m* dos sintomas carenciais vitamínicos
- \* **trial** → 6297
- 6515 tricarboxylic acid cycle; TCA-cycle**  
 (Enz.)  
 (Krebs-cycle; oxidation reactions for energy production and -storage in phosphate bonds, e.g. in ATP (adenosine triphosphate).)  
*d* Tricarbonsäurezyklus *m*; Krebszyklus *m*  
*f* cycle *m* tricarboxylique; cycle *m* de Krebs  
*p* ciclo *m* tricarboxílico; ciclo *m* de Krebs
- 6516 trichophytosis, provoking scalp scab**  
 (Med.)  
 (A fungal infection; in the region of hair, the skin and the nails; local treatment by antimycotics.)  
*d* Trichophytie *f*, den Kopfgrind hervorrufend  
*f* trichophytie *f* formante de la teigne  
*p* tricofitose *f*, produzindo a tinha; tricofitase *f*, produzindo a tinha
- 6517 tricyclic antidepressants**  
 (Pharm.)  
 (Showing three types of effects: inhibition-loosening, impulse/drive improving effect; anxiolytic (anxiety relieving) effect; mood improving effect.)  
*d* trizyklische Antidepressiva *npl*  
*f* antidépresseurs *mpl* tricycliques  
*p* antidepressivos *mpl* tricíclicos
- 6518 tridimensional protein-structure**  
 (Enz.)  
 (Enzymology; ref. to the arrangement of the protein-structure.)  
*d* dreidimensionale Proteinstruktur *f*  
*f* structure *f* tridimensionnelle de la protéine  
*p* estrutura *f* tridimensional da proteína
- 6519 tridimensional structure**  
 (Enz.)  
 (Enzymology; characteristic of polypeptide chains.)  
*d* dreidimensionale Struktur *f*  
*f* structure *f* tridimensionnelle  
*p* estrutura *f* tridimensional
- 6520 triethanolamine solvent**  
 (Prod.)  
 (C<sub>6</sub>H<sub>15</sub>NO<sub>3</sub>; auxiliary in pharmaceutical processes/production; a solvent in pharmaceutical technology.)  
*d* Triethanolamin-Lösungsmittel *n*  
*f* solvant *m* à triéthanolamine  
*p* solvente *m* de trietanolamina
- 6521 triethylenethiophosphoramid; thiotepa**  
 (Prod.)  
 (C<sub>6</sub>H<sub>12</sub>N<sub>3</sub>PS; Medicamentous substance; see entry: cytostatic.)  
*d* Triethylenthiofosforamid *n*; Thiotepa *n*  
*f* triéthylènthiophosphoramid *f*; thiotepa *f*  
*p* trietilenotiofosforamida *f*; tiotepa *f*
- 6522 trigger v off an attack**  
 (Med.)  
 (Here ref. especially to diseases and disease-promoting factors, e.g. stress, alcohol etc.)  
*d* anfallsauslösend  
*f* déclencher un attaque  
*p* desencadear um ataque; provocar um ataque
- 6523 trigger v off an enzymatic process**  
 (Enz.)  
 (Enzymology; figurative expressions for setting of a process.)  
*d* einen enzymatischen Prozess auslösen  
*f* déclencher un processus enzymatique  
*p* deslanchar un processo enzimico; dar partida a un processo enzimico



- \* **trigger v off an ovulation** → 5005
- 6524 trigger v off the production of biochemical energy**  
(Enz.)  
(Enzymology; ref. to the Krebs-cycle.)  
*d* die Produktion biochemischer Energie auslösen  
*f* déclencher la production d'énergie biochimique  
*p* desencadear a produção de energia bioquímica
- 6525 trigger v off the reaction**  
(Vit.)  
(Ref. to vitamin activity.)  
*d* Reaktion auslösen  
*f* déclencher la réaction  
*p* desencadear a reação
- 6526 trigonelline; N-methylbetaine of nicotinic acid**  
(Vit.)  
(Trigonelline; C<sub>7</sub>H<sub>7</sub>NO<sub>2</sub>; coffearine; component of green coffee beans is subject to demethylation process (in coffee roasting) for yielding nicotinic acid (vitamin B<sub>3</sub>.)  
*d* Trigonellin *n*; N-Methylbetain *n* der Nicotinsäure  
*f* trigonelline *f*; N-méthylbétaine *f* de l'acide nicotinique  
*p* trigonelina *f*; N-metilbetaina *f* do ácido nicotínico
- 6527 triiodothyronine**  
(Horm.)  
(Hormone of the thyroid gland.)  
*d* Trijodthyronin *n*  
*f* triiodothyronine *f*  
*p* triiodotironina *f*
- 6528 trimethoprim**  
(Ant.)  
(C<sub>14</sub>H<sub>18</sub>N<sub>4</sub>O<sub>3</sub>; antibacterial (antimalarial) drug of synthetic origin, also used in combination with sulphonamides.)  
*d* Trimethoprim *n*  
*f* triméthoprime *m*  
*p* trimetopríma *f*
- \* **trimethoxyphenethylamine** → 4033
- 6529 triple bond**  
(Mol.)  
(Atoms sharing three pairs of electrons: in: covalent bond; see this entry.)  
*d* Dreifachbindung *f*  
*f* triple liaison *f*
- p* tripla ligação *f*
- 6530 trituration of the medicinal drug**  
(Prod.)  
(Pharmaceutical processes; preparation of tableting material.)  
*d* Trituration *f* des Arzneimittels  
*f* trituration *f* du médicament  
*p* trituração *f* do medicamento
- 6531 trituration together with the active ingredient**  
(Prod.)  
(Pharmaceutical technology; ref. to the preparation of tablet forming processes.)  
*d* Trituration *f* zusammen mit dem Wirkstoff  
*f* trituration *f* ensemble avec le principe actif  
*p* trituração *f* junto com a substância ativa
- 6532 trivalent adj**  
(Mol.)  
(Denoting a chemical valency of three.)  
*d* dreiwertig  
*f* trivalent  
*p* trivalente
- 6533 trivalent atom**  
(Mol.)  
(Denoting chemical valencies of atoms; see also entry: valence electron; valency electron.)  
*d* dreiwertiges Atom *n*  
*f* atome *m* trivalent  
*p* átomo *m* trivalente
- 6534 tropism of a medicament**  
(Pharm.)  
(Pharmaceutical chemistry; stimuli reaction; the vector (carrier) is capable to condition this characteristic of a medicament towards its target-cells or target organs.)  
*d* Tropismus *m* eines Medikamentes  
*f* tropisme *m* d'un médicament  
*p* tropismo *m* de um medicamento
- 6535 trypsin**  
(Enz.)  
(Parenyzyme. A pancreas enzyme; acts in the protein-digestion; splitting of proteins and polypeptides.)  
*d* Trypsin *n*  
*f* trypsine *f*  
*p* tripsina *f*
- 6536 tryptophan[e]**  
(Enz.)  
(Enzymology; C<sub>11</sub>H<sub>12</sub>O<sub>2</sub>N<sub>2</sub>. Essential amino acid; e.g. ref. to the production of coA.)

- d* Tryptophan *n*  
*f* tryptophane *m*  
*p* triptofano *m*
- 6537 tryptophan[e] as a provitamin with vitamin B<sub>3</sub> equivalence**  
 (Vit.)  
 (Vitamin biochemistry/physiology.)  
*d* Tryptophan *n* als Provitamin mit Vitamin B<sub>3</sub>-Äquivalenz; Tryptophan *n* als Provitamin mit Vitamin B<sub>3</sub>-Gleichwertigkeit  
*f* tryptophane *m* comme provitamine avec de l'équivalence en vitamine B<sub>3</sub>  
*p* triptofano *m* como provitamina com equivalência de vitamina B<sub>3</sub>
- 6538 tryptophan[e] as basis for the autoproduction of vitamin PP**  
 (Vit.)  
 (Vitamin physiology/biochemistry.)  
*d* Tryptophan *n* als Grundlage für die Selbstproduktion des Vitamins PP  
*f* tryptophane *m* comme base de la autoproduction de la vitamine PP  
*p* triptofano *m* como base da autoprodução da vitamina PP
- 6539 tryptophan[e]-hydroxylation followed by decarboxylation**  
 (Horm.)  
 (Process used in the technology of synthesizing certain hormones; in this case: serotonin (C<sub>10</sub>H<sub>12</sub>N<sub>2</sub>O); a neurotransmitter.)  
*d* Tryptophan-Hydroxylierung *f* mit darauffolgender Decarboxilierung  
*f* hydroxylation *f* puis la décarboxylation du tryptophane  
*p* hidroxilação *f* seguida pela decarboxilação do triptofano
- 6540 tryptophan[e] requirement for protein synthesis**  
 (Vit.)  
 (Vitamin physiology; ref. to tryptophan as a provitamin with vitamin B<sub>3</sub> equivalence (see entry).)  
*d* Tryptophanbedarf *m* für Proteinsynthese  
*f* besoin *m* de tryptophane pour la synthèse des protéines  
*p* necessidade *f* de triptofano para a síntese das proteínas
- \* **TSH** → **6390**  
 \* **TTH** → **6390**
- 6541 tubular secretion**  
 (Pharm.)
- (Ref. to the secretion of certain medicaments through renal tubules, the tubular part of a nephron.)  
*d* tubuläre Sekretion *f*  
*f* sécrétion *f* tubulaire  
*p* secreção *f* tubular
- 6542 turbid** *adj*  
 (Prod.)  
 (Pharmaceutical chemistry; substance characteristic; e.g. solution aspect.)  
*d* trübe  
*f* trouble  
*p* turvo
- 6543 turbidity**  
 (Prod.)  
 (Pharmaceutical chemistry; ref. to the aspect of solutions etc.)  
*d* Trübung *f*  
*f* turbidité *f*  
*p* turbidez *f*
- 6544 turbidity due to low temperatures**  
 (Prod.)  
 (Pharmaceutical chemistry, ref. to the aspect of solutions etc.)  
*d* Trübung *f* durch niedrige Temperatur  
*f* turbidité *f* par suite du froid  
*p* turbidez *f* devido à baixa temperatura
- 6545 turn v biologically active**  
 (Pharm.)  
 (Ref. to active principles and their activity within the organism; ref. to inactive pre-drugs.)  
*d* biologisch wirksam werden; biologisch aktiv werden  
*f* devenir biologiquement actif  
*p* tornar-se biologicamente ativo
- \* **turn v claudy** → **6546**
- 6546 turn v turbid; turn v claudy**  
 (Prod.)  
 (Pharmaceutical chemistry; product characteristic; e.g. solution aspect.)  
*d* trüben  
*f* troubler  
*p* turvar
- 6547 two-layer tablet; double-layer tablet**  
 (Prod.)  
 (Pharmaceutical technology; a pharmaceutical (tablet) presentation form; one layer contains a principle of rapid release, the other layer a principle of principle retarded release.)

- d* Zweischichtentablette *f*;  
Doppelschichttablette *f*
- f* comprimé *m* à deux couches; comprimé *m* à double couche
- p* comprimido *m* de duas camadas; comprimido *m* de camada dupla
- 6548 two pyrimidine/thiazole heterocyclic moieties**  
(Vit.)  
(Thiamine (vitamin B<sub>1</sub>) consists of two C<sub>4</sub>H<sub>4</sub>N<sub>2</sub>/C<sub>3</sub>H<sub>3</sub>NS – moieties.)
- d* zwei heterozyklische Pyrimidin/Thiazol-Bestandteilhälften *fpl*
- f* deux moitiés *fpl* hétérocycliques de pyrimidine/thiazole
- p* duas metades *fpl* de partes heterocíclicos de pirimidina/tiazol
- 6549 tyndallization**  
(Prod.)  
(Pharmaceutical processes; fractionated sterilization process used in case of thermolabile substances.)
- d* Tyndallisierung *f*; Tyndallisation *f*
- f* tyndallisation *f*
- p* tyndalização *f*; esterilização *f*; conforme Tyndall *f*
- 6550 tyndallization of a dispersion**  
(Prod.)  
(Pharmaceutical chemistry; dispersion research; ref. to fractionated sterilization process.)
- d* Tyndallisierung *f* einer Dispersion; Tyndallisation *f* einer Dispersion
- f* tyndallisation *f* d'une dispersion
- p* tyndalização *f* de uma dispersão; esterilização *f* conforme tyndall de uma dispersão
- 6551 type of analytical method**  
(Prod.)  
(Pharmaceutical processes; analysis process.)
- d* Typ *m* der Analysenmethode
- f* nature *f* de la méthode d'analyse
- p* tipo *m* do método analítico
- 6552 type of bond on receptor level; kind of bond on receptor level**  
(Mol.)  
(Ref. to the action of a medicamentous molecule and its receptor.)
- d* Art *f* der Verbindung auf Rezeptoren-Ebene; Typ *m* der Verbindung auf Rezeptoren-Ebene
- f* mode *f* de liaison au niveau du récepteur; type *m* de liaison au niveau du récepteur
- p* tipo *m* de ligação ao nível do receptor
- 6553 typical odour**  
(Prod.)  
(Pharmaceutical chemistry; characteristic of certain products; e.g. of vitamins.)
- d* typischer Geruch *m*
- f* odeur *f* typique
- p* odor *m* típico; cheiro *m* típico
- 6554 typical standard formulation**  
(Prod.)  
(Pharmaceutical technology; e.g. ref. to vitamin formulations in final products.)
- d* typische Standardformulierung *f*
- f* formulation *f* type
- p* formulação *f* típica padrão
- 6555 typical standard formulation of medicaments**  
(Prod.)  
(Pharmaceutical technology; e.g. ref. to vitamin formulations in final products.)
- d* typische Standardformulierung *f* von Arzneimitteln
- f* formulation *f* type des médicaments
- p* formulação *f* típica padrão dos medicamentos
- 6556 typical standard vitamin formulations**  
(Vit.)  
(Vitamin technology; ref. to vitamin formulations in final products.)
- d* typische Standardvitaminformulierungen *fpl*
- f* formulations *fpl* vitaminiques type
- p* formulações *fpl* típicas para vitaminas
- 6557 tyramine**  
(Horm.)  
(C<sub>8</sub>H<sub>11</sub>NO; medicamentous substance; sympathomimetic; see this entry.)
- d* Tyramin *n*
- f* tyramine *f*
- p* tiramina *f*
- 6558 tyrosine**  
(Enz.)  
(Enzymology; C<sub>9</sub>H<sub>11</sub>NO<sub>3</sub>; a nonessential phenolic amino acid; precursor substances, important substances, (e.g. melanin, a dark hair/skin) animal or plant pigment.)
- d* Tyrosin *n*
- f* tyrosine *f*
- p* tirosina *f*

## U

- 6559 ulcer bleeding; h[a]emorrhage of an ulcer**  
(Med.)  
(See also entry: secretin as a medicament in the treatment of gastric ulcer bleeding.)  
*d* Ulkusblutung *f*; Hämorrhagie *f* eines Geschwürs  
*f* saignement *m* d'un ulcère; hémorragie *f* d'un ulcère  
*p* sangramento *m* de úlcera; hemorragia *f* de uma úlcera
- 6560 ulcer of the cornea due to vitamin A-deficiency; corneal ulcer due to vitamin A-hypovitaminosis**  
(Vit.)  
(Vitamin physiology; vitamin A-deficiency.)  
*d* Hornhautgeschwür *n* durch Vitamin-A-Mangel  
*f* ulcère *m* cornéen dû à la carence de vitamine A  
*p* úlcera *f* da córnea devido à carência de vitamina A; úlcera *f* corneano devido à hipovitaminose
- 6561 ulterior fermentation; postfermentation**  
(Prod.)  
(Pharmaceutical chemistry; generally an undesirable product characteristic.)  
*d* Nachfermentation *f*; Nachgärung *f*  
*f* fermentation *f* ultérieure  
*p* fermentação *f* ulterior; pós-fermentação *f*
- 6562 ultrafiltration in biotechnological production**  
(Enz.)  
(Biotechnology; a membrane-process for material separation (colloidal solutions) by selective permeable thin membranes; by means of pressure the solvent is passed through the membrane, leaving behind a concentrated solution.)  
*d* Ultrafiltration *f* in biotechnologischer Produktion  
*f* ultrafiltration *f* en production biotechnologique  
*p* ultrafiltração *f* na produção biotecnológica
- 6563 ultraviolet radiation sterilization**  
(Prod.)  
(Pharmaceutical technology: sterilization process by short-wave radiation.)  
*d* Ultravioletbestrahlungssterilisation *f*  
*f* stérilisation *f* par les rayons ultraviolets  
*p* esterilização *f* pelos raios ultravioleta
- 6564 unabsorbable antacid**  
(Prod.)  
(Pharmaceutical technology; ref. to drug in hyperacidity treatment.)  
*d* nicht absorbierbares magensäurebindendes Mittel *n*  
*f* médicament *m* antiacide non absorbable  
*p* antiácido *m* não absorvível
- 6565 uncoated tablets**  
(Prod.)  
(Pharmaceutical technology; ref. to tableting; a pharmaceutical form.)  
*d* nicht überzogene Tabletten *fpl*  
*f* comprimés *mpl* non enrobés  
*p* comprimidos *mpl* não cobertos
- 6566 uncolored vitamin tablets**  
(Vit.)  
(Vitamin technology; pharmaceutical vitamin form.)  
*d* ungefärbte Vitamintabletten *fpl*  
*f* comprimés *mpl* vitaminiques incolores  
*p* comprimidos *mpl* de vitaminas não tingidos
- 6567 under acidic conditions** *adv*  
(Prod.)  
(Fine chemical technology.)  
*d* unter säuerlichen Konditionen; unter säuerlichen Bedingungen  
*f* sous conditions acidulées  
*p* sob condições acidulas
- \* **under appropriate reaction conditions** → **6569**
- 6568 underdevelopment of the uterus**  
(Horm.)  
(Hormone biochemistry for hormone therapy: administration of "oestrogens: ovary hormones", see this entry.)  
*d* Unterentwicklung *f* der Gebärmutter  
*f* sous-développement *m* de l'utérus  
*p* subdesenvolvimento *m* do útero
- \* **undergo v an extractive solution** → **6005**
- 6569 under proper reaction conditions; under appropriate reaction conditions**  
(Prod.)  
(Ref. to pharmaceutical processes and their course.)  
*d* unter geeigneten Reaktionsbedingungen

- f* sous des conditions propres de la réaction;  
 sous des conditions appropriées de la réaction  
*p* sob condições apropriadas da reação
- 6570 understanding of the mechanism of action**  
 (Prod.)  
 (Pharmaceutical technology.)  
*d* Verstehen *n* des Wirkungsmechanismus  
*f* compréhension *f* du mécanisme d'action  
*p* compreensão *f* do mecanismo de ação
- 6571 undesirable drug effect**  
 (Pharm.)  
 (Pharmacodynamics; side-effect, produced additionally to the therapeutic effect.)  
*d* unerwünschte Arzneimittelwirkung *f*  
*f* effet *m* médicamenteux indésirable  
*p* indesejado efeito *m* medicamentoso
- 6572 undesirable effect of an antibiotic**  
 (Ant.)  
 (Medicamentous side-effect, see this entry.)  
*d* unerwünschte Wirkung *f* eines Antibiotikums  
*f* effet *m* indésirable d'un antibiotique  
*p* efeito *m* indesejável de um antibiótico
- 6573 undesirable side-effects of active principles**  
 (Pharm.)  
 (Ref. to drug activity in the organism.)  
*d* unerwünschte Nebenwirkungen *fpl* von Arzneistoffen  
*f* effets *mpl* latéraux indésirables des principes actifs  
*p* efeitos *mpl* colaterais indesejáveis dos princípios ativos
- 6574 unforeseen medicamentous modifications**  
 (Prod.)  
 (Pharmaceutical technology; ref. to conservation problems; e.g. caused by interreaction between substances.)  
*d* unvorhergesehene medikamentöse Modifikationen *fpl*  
*f* modifications *f* médicamenteuses imprévues  
*p* modificações *fpl* medicamentosas imprevistas
- 6575 unfractionated substance grades**  
 (Prod.)  
 (Pharmaceutical technology; viscosity type; (auxiliary) product characteristic.)  
*d* nicht-fraktionierte Substanzqualitäten *fpl*  
*f* qualités *fpl* non fractionnées des substances  
*p* qualidades *fpl* não-fracionadas de substâncias
- 6576 unfused excipient**  
 (Prod.)  
 (Pharmaceutical chemistry; ref. e.g. to "cacao butter; cocoa butter" (see this entry), as suppository excipient.)  
*d* ungeschmolzene Trägersubstanz *f*; nicht geschmolzenes Trägermaterial *n*  
*f* excipient *m* non fondu  
*p* excipiente *f* não fundido
- \* **uniform coating** → 5353
- 6577 uniform granules**  
 (Prod.)  
 (Pharmaceutical technology; tableting process.)  
*d* einheitliches Granulat *n*  
*f* granulat *m* régulier  
*p* granulado *m* uniforme
- 6578 uniformity of tablet coverage**  
 (Prod.)  
 (Pharmaceutical processes; e.g. ref. to coating techniques in tableting.)  
*d* Gleichmäßigkeit *f* des Tablettenüberzugs  
*f* uniformité *f* du recouvrement des comprimés  
*p* uniformidade *f* do recobrimento dos comprimidos
- 6579 uniform moisturing**  
 (Prod.)  
 (Pharmaceutical technology; moisturing of the granules in tablet fabrication processes.)  
*d* einheitliche Befeuchtung *f*  
*f* humectation *f* uniforme; humectation *f* régulière  
*p* umectação *f* uniforme; umectação *f* regular
- 6580 uniform moisturing of granules**  
 (Prod.)  
 (Pharmaceutical technology; tableting process.)  
*d* einheitliche Befeuchtung *f* des Granulats  
*f* humectation *f* régulière du granulat  
*p* umectação *f* uniforme do granulado
- \* **univalent** → 4199
- 6581 universal remedy; panacea**  
 (Prod.)  
 (Still to be found. (Perhaps parting from genetics or stem cells, instead from coal chemistry.))  
*d* universelles Heilmittel *n*; Panazee *f*  
*f* remède *m* universel; panacée *f*  
*p* remédio *m* universal; panacéia *f*
- 6582 universal solubility**  
 (Prod.)  
 (Pharmaceutical chemistry; product characteristic.)

- d* allgemeine Löslichkeit *f*; universale Löslichkeit *f*  
*f* solubilité *f* universelle  
*p* solubilidade *f* universal
- 6583 unoccupied molecular orbital**  
 (Mol.)  
 (Pharmaceutical chemistry; unoccupied by electrons, see entry: molecular orbital.)  
*d* freies Molekülorbital *n*; freies Orbital *n*  
*f* orbitale *f* moléculaire non occupée; orbitale *f* inoccupée  
*p* orbital *m* molecular não ocupado; orbital *m* não ocupado
- 6584 unreacted nicotinic acid; nonreacted nicotinic acid**  
 (Vit.)  
 (Vitamin technology; ref. to nicotinic acid (vitamin B<sub>3</sub>) in biochemical processes.)  
*d* nicht reagierende Nicotinsäure *f*  
*f* acide *m* nicotinique non réagi  
*p* ácido *m* nicotínico não reagido
- 6585 unsaponifiable portion; nonsaponifiable part**  
 (Prod.)  
 (See entry: saponification.)  
*d* unverseifbarer Teil *m*; nicht verseifbarer Teil *m*  
*f* portion *f* non saponifiable; part *f* non saponifiable  
*p* porção *f* não saponifiável; parte *f* não saponifiável
- 6586 unsaturated solution**  
 (Prod.)  
 (Pharmaceutical processes/production; a solution which is capable of dissolving more particles.)  
*d* ungesättigte Lösung *f*  
*f* solution *f* non saturée  
*p* solução *f* não-saturada
- 6587 unsaturated vapour**  
 (Prod.)  
 (Pharmaceutical processes; overheated vapour develops from saturated vapour by temperature increase and simultaneous inhibition of vapour feeding from the liquid.)  
*d* ungesättigter Dampf *m*; Heißdampf *m*; überhitzter Dampf *m*  
*f* vapeur *f* insaturée  
*p* vapor *m* insaturado
- 6588 unstabilized vitamin powder**  
 (Vit.)  
 (Vitamin technology; a vitamin presentation form.)  
*d* unstabilisiertes Vitamin-Pulver *n*  
*f* poudre *f* vitaminique non stabilisée  
*p* pó *m* não estabilizado de vitamina
- 6589 unstable adj to oxidizing agent**  
 (Vit.)  
 (Vitamin technology: e.g. vitamin E.)  
*d* unstabil gegenüber oxidierenden Substanzen; unstabil in Gegenwart von oxidierenden Substanzen  
*f* instable aux oxydants  
*p* instável na presença de oxidantes
- 6590 unstable vitamin**  
 (Vit.)  
 (Vitamin technology.)  
*d* unstabiles Vitamin *n*  
*f* vitamine *f* instable  
*p* vitamina *f* instável
- 6591 unsuitable adj owing to its particle size**  
 (Prod.)  
 (Pharmaceutical technology; ref. to production/material characteristics.)  
*d* ungeeignet wegen der Korngröße  
*f* impropre en raison de sa granulométrie  
*p* não apropriado devido a sua granulometria
- 6592 until a clear solution is obtained**  
 (Prod.)  
 (Pharmaceutical technology.)  
*d* bis sich eine klare Lösung bildet  
*f* jusqu'à obtention d'une solution limpide  
*p* até obter-se uma solução límpida
- 6593 ureter**  
 (Anat.)  
 (A pair of tubes conducting the urine from the kidney to the bladder.)  
*d* Harnleiter *m*  
*f* urètre *m*  
*p* ureter *f*
- 6594 urethra**  
 (Anat.)  
 (Tube conducting urine from the bladder to the exterior.)  
*d* Harnröhre *f*  
*f* urètre *f*  
*p* uretra *f*
- 6595 uricolytic enzyme**  
 (Enz.)  
 (Uric acid decomposing enzyme.)  
*d* uricolytisches Enzym *n*  
*f* enzyme *m* uricolytique  
*p* enzima *f* uricolítica

- 6596 uricostatic**  
(Prod.)  
(Medicament like allopurinol (C<sub>5</sub>H<sub>4</sub>N<sub>4</sub>O,  
promoting excretion of uric acid), which  
inhibits xanthinoxidase (see this entry); gout  
treatment.)  
*d* Urikostatikum *f*  
*f* uricostatique *m*  
*p* uricostático *m*
- 6597 uricosurics**  
(Prod.)  
(Uricosuric drugs; the excretion of uric acid  
promoting anti-gout medicaments.)  
*d* Urikosurika *npl*  
*f* uricosuriques *mpl*  
*p* uricosúricos *mpl*
- 6598 urinary bladder**  
(Anat.)  
(Urine-storing organ.)  
*d* Harnblase *f*  
*f* vessie *f*  
*p* bexiga *f*
- \* **ursin** → 604
- \* **usability of an active principle** → 585
- 6599 useful properties in pharmacy**  
(Prod.)  
(Pharmaceutical chemistry; ref. to substance  
characteristics in research and production.)  
*d* nützliche Eigenschaften *fpl* in der Pharmazie  
*f* propriétés *fpl* utiles dans la pharmacie  
*p* propiedades *fpl* úteis na farmacêutica
- 6600 use of antibiotics in chemotherapy**  
(Ant.)  
(Antibiotics in therapeutics.)  
*d* Einsatz *m* von Antibiotika in der  
Chemotherapie  
*f* emploi *m* des antibiotiques dans la  
chimiothérapie  
*p* emprego *m* de antibióticos na quimioterapia
- 6601 use of corticosteroids concomitantly with  
an antimicrobial**  
(Pharm.)  
(Reason: corticosteroids inhibit the defence  
mechanism of the organism against  
infections.)  
*d* Gebrauch *m* von Corticosteroiden gleichzeitig  
mit einem antimikrobiellen Arzneistoff  
*f* usage *m* de corticostéroïdes concomitamment  
d'un principe médicamenteux antimicrobien  
*p* uso *m* de corticosteróides concomitantemente  
com um antimicrobiano
- 6602 uterus; womb**  
(Anat.)  
(Female reproductive organ for embryo  
implantation)  
*d* Gebärmutter *f*; Uterus *m*  
*f* utérus *m*; matrice *f*  
*p* útero *m*
- \* **uva ursi** → 766
- 6603 uveo-sclerotic drainage**  
(Pharm.)  
(Ref. to the drainage of the aqueous humour  
due to eye drop activity in glaucoma  
treatment, for obtention of an intraocular  
hypotensive effect.)  
*d* Traubenhaut-/Sklera-Abfluss *m*;  
traubenhaut-/sklerabetreffender Abfluss *m*  
*f* écoulement *m* uvée-sclérotique  
*p* escoamento *m* uveoescleral

## V

**6604 vaccination**

(Med.)

(Ref. to the application of a vaccine; also: to introduce microorganisms into a substrate for culture purposes.)

*d* Impfung *f*; Impfen *n**f* vaccination *f**p* vacinação *f***6605 vaccination with attenuated pathogens**

(Med.)

(Ref. to: mitigated germs; attenuated pathogens; see this entry; in vaccine production.)

*d* Impfung *f* mit abgeschwächten Erregern*f* vaccination *f* avec des agents pathogènes atténués*p* vacinação *f* com agentes patogênicos atenuados**6606 vaccine**

(Pharm.)

(Medicinal antigenic drug for antibody-stimulation; immunity stimulation purposes.)

*d* Impfstoff *m**f* vaccin *m**p* vacina *f***6607 vaccine prepared parting from cultivated virus**

(Prod.)

(Pharmaceutical technology; vaccine elaboration example.)

*d* Impfstoff *m* von kultivierten Viren präpariert*f* vaccin *m* préparé à partir des virus cultivés*p* vacina *f* preparada a partir dos virus cultivados**6608 vaccines as products of biotechnology**

(Enz.)

(Biotechnology as applied biological science aimed at industrial exploitation.)

*d* Impfstoffe *mpl* als Produkte der Biotechnologie*f* vaccins *mpl* comme produits de la biotechnologie*p* vacinas *fpl* como produtos da biotecnologia**6609 vacuole**

(Cyt.)

(Cytoplasm vesicle e.g. with material captured by the cell: digestive vacuole, lysosome: Containing enzymes for downbreaking of cell material.)

*d* Vakuole *f**f* vacuole *f**p* vacúolo *m***6610 vacuum distillation**

(Prod.)

(Pharmaceutical processes; used for mixtures of liquids being thermally sensitive – by reduction of the boiling point of the components.)

*d* Vakuumdestillation *f**f* distillation *f* à vide*p* destilação *f* no vácuo**6611 vacuum-drying**

(Prod.)

(Pharmaceutical technology; drying process; evaporation-drying under vacuum and low temperatures.)

*d* Vakuumtrocknung *f*;Verdampfungstrocknung *f* im Vakuum*f* séchage *f* à vide*p* secagem *f* a vácuo\* **valence** → **6613****6612 valence electron; valency electron**

(Mol.)

(Ref. to the (chemical bonds forming) electron situated in one of the outer atom shells.)

*d* Valenzelektron *n*; Wertigkeitselektron *n**f* électron *m* de valence; électron *m*

périphérique

*p* elétron *m* de valência; elétron *m* periférico**6613 valency; valence**

(Mol.)

(Ref. to the combining power of an atom; ref. to covalent compounds, the valency is equal to the number of bonds completed; see entry: covalence; covalency.)

*d* Valenz *f*; Wertigkeit *f**f* valence *f**p* valência *f*\* **valency electron** → **6612****6614 valerian infusion; allheal infusion**

(Phyto.)

(Herbal tea with sedative effect of the dried roots of "Valeriana officinalis L."; see entry: sedative.)

*d* Baldrianinfusion *f*



- f* infusion *f* de valériane; infusion *f* de herbe-à-chats  
*p* infusão *f* de valeriana
- 6615 validation**  
 (Prod.)  
 (Pharmaceutical technology; ref. to e.g. to the determination of the degree of validity of sample material, sample ingredients etc.)  
*d* Validation *f*; Validierung *f*; Gültigkeit *f*  
*f* validation *f*  
*p* validação *f*
- 6616 valine**  
 (Enz.)  
 (C<sub>5</sub>H<sub>11</sub>NO<sub>2</sub>. Essential amino acid.)  
*d* Valin *n*  
*f* valine *f*  
*p* valina *f*
- \* **value limits** → 3793
- 6617 vancomycin**  
 (Ant.)  
 (Biotechnology; origin: "Streptomyces orientalis"; use: gram-positive bacteria.)  
*d* Vancomycin *n*; Vankomyzin *n*  
*f* vancomycine *f*  
*p* vancomicina *f*
- 6618 van der Waals atomic spheres**  
 (Mol.)  
 (Ref. to atom representation as to van der Waals' parameters.)  
*d* Van-der-Waals-Atom-Sphären *fpl*  
*f* sphères *fpl* atomiques de Van der Waals  
*p* esferas *fpl* atômicas de van der Waals
- 6619 van der Waals bond; Van der Waals linkage**  
 (Mol.)  
 (As to the Dutch physicist Johannes Diderik van der Waals (1837-1923, Nobel prize 1910); see also entry: chemical bonds.)  
*d* Van-der-Waals-Bindung *f*  
*f* liaison *f* Van der Waals  
*p* ligação *f* van der Waals
- 6620 van der Waals equation**  
 (Mol.)  
 (Relating volume, pressure, temperature of real gases and liquids in its equation of state, considering the own molecular volume and the attraction forces of the molecules.)  
*d* Van-der-Waals-Gleichung *f*  
*f* équation *f* de Van der Waals  
*p* equação *f* de van der Waals
- 6621 van der Waals forces**  
 (Mol.)  
 (Ref. to weak forces (see entry: intermolecular forces) of attraction, acting on neutral atoms and molecules due to electric polarization.)  
*d* Van-der-Waals-Kräfte *fpl*  
*f* forces *fpl* de Van der Waals  
*p* forças *fpl* de van der Waals
- \* **Van der Waals linkage** → 6619
- 6622 van der Waals molecular surface**  
 (Mol.)  
 (Ref. to the total of the molecular surface as to van der Waals' parameters.)  
*d* Van-der-Waals-molekulare Oberfläche *f*  
*f* surface *f* moléculaire de Van der Waals  
*p* superfície *f* molecular de van der Waals
- 6623 van der Waals molecular volume**  
 (Mol.)  
 (Ref. to the total of the molecular volume as to van der Waals' parameters.)  
*d* Van-der-Waals-Molekül-Volumen *n*  
*f* volume *m* moléculaire de Van der Waals  
*p* volume *m* molecular de van der Waals
- 6624 vapo[u]rization**  
 (Prod.)  
 (Pharmaceutical processes; ref. to change from the liquid into the gaseous state below boiling point temperature, taking place an eventual boiling-(ebullition-)process only on the surface of the liquid.)  
*d* Verdunstung *f*; Verdunsten *n*  
*f* vaporisation *f*  
*p* vaporização *f*
- 6625 vapo[u]rous adj**  
 (Prod.)  
 (Pharmaceutical chemistry.)  
*d* dampfförmig; dampftartig  
*f* vaporeux  
*p* vaporoso
- 6626 vapour pressure**  
 (Prod.)  
 (Pharmaceutical processes; pressure of vapour molecules on the inner walls of a vapour chamber of a vapour producing system.)  
*d* Dampfdruck *m*  
*f* pression *f* de vapeur  
*p* pressão *f* de vapor
- 6627 vapour pressure reduction**  
 (Prod.)  
 (Pharmaceutical processes; occurs, when a solid, liquid or gaseous substance is dissolved in a pure liquid.)

- d* Dampfdruckerniedrigung *f*  
*f* réduction *f* de la pression de vapeur  
*p* redução *f* da pressão de vapor
- 6628 vapour pressure technique; steam pressure technique**  
 (Prod.)  
 (Pharmaceutical technology: a form of the humid heat sterilization process.)  
*d* Dampfdruckverfahren *n*  
*f* technique *f* à la vapeur sous pression  
*p* técnica *f* a vapor sob pressão
- 6629 variability of a synthesis; variableness of a synthesis**  
 (Prod.)  
 (Pharmaceutical technology.)  
*d* Veränderlichkeit *f* einer Synthese  
*f* variabilité *f* d'une synthèse  
*p* variabilidade *f* de uma síntese
- \* **variableness of a synthesis** → 6629
- 6630 variation in hormonal concentration**  
 (Horm.)  
 (E.g. in blood circulation of the body.)  
*d* Veränderung *f* der hormonalen Konzentration  
*f* variation *f* de concentration hormonale  
*p* variação *f* de concentração hormonal
- 6631 variation in the viscosity between different concentrations**  
 (Prod.)  
 (Pharmaceutical processes; (auxiliary) substance viscosity determination-process.)  
*d* Variation *f* in der Viskosität zwischen verschiedener Konzentrationen  
*f* variation *f* dans la viscosité entre concentrations différentes  
*p* variação *f* na viscosidade entre concentrações diferentes
- 6632 variation of glyce[al]emia**  
 (Horm.)  
 (Controlled by the hormones insulin and glucagon.)  
*d* Variation *f* der Glykämie; Veränderung *f* des Blutzuckerspiegels  
*f* variation *f* de la glycémie  
*p* variação *f* da glicemia
- 6633 variation of intracellular/extracellular concentration**  
 (Cyt.)  
 (Cytology; ref. to cell activity.)  
*d* Variation *f* der intrazellulären/extrazellulären
- Konzentration; Veränderung *f* der intrazellulären/extrazellulären Konzentration  
*f* variation *f* de la concentration intracellulaire/extracellulaire  
*p* variação *f* da concentração intracelular/extracelular
- 6634 variations in synthesis**  
 (Horm.)  
 (Ref. e.g. to the influence of light intensity.)  
*d* Variationen *fpl* innerhalb der Synthese  
*f* variations *fpl* dans la synthèse  
*p* variações *fpl* na síntese
- 6635 varnish film**  
 (Prod.)  
 (Pharmaceutical processes; ref. to tableting, tablet treatments, tablet coating types.)  
*d* Firnisfilm *m*  
*f* pellicule *f* de vernis  
*p* película *f* de verniz
- 6636 vasoactive intestinal peptide**  
 (Enz.)  
 (VIP; having action on the blood vessels: contraction/relaxation.)  
*d* gefäßaktives Darmpeptid *n*  
*f* peptide *m* vasoactif intestinal  
*p* peptídeo *m* vasoactivo intestinal
- 6637 vasoconstriction**  
 (Med.)  
 (Reduction of blood vessel diametre.)  
*d* Gefäßkonstriktion *f*; Gefäßverengung *f*  
*f* vasoconstriction *f*  
*p* vasoconstrição *f*
- 6638 vasoconstrictive action**  
 (Med.)  
 (Ref. to trace element-activity within the body.)  
*d* gefäßverengende Wirkung *f*  
*f* action *f* vasoconstrictive  
*p* ação *f* vasoconstritiva
- 6639 vasoconstrictive action of the hypophyseal hormone vasopressin**  
 (Horm.)  
 (Ref. to the antidiuretic hormone (ADH).)  
*d* gefäßverengende Wirkung *f* des Hypophysenhormones Vasopressin  
*f* action *f* vasoconstrictrice de l'hormone hypophysaire vasopressine  
*p* ação *f* vasocinstritora do hormônio da hipófise vasopressina

- 6640 vasoconstrictive pharmacological effect of adiuretin**  
(Horm.)  
(Example of the pharmacological effect of a hormone; see also entry: physiological activity of adiuretin is the reabsorption of water.)  
*d* gefäßverengende pharmakologische Wirkung *f* von Adiuretin  
*f* effet *m* pharmacologique vasoconstricteur de l'adiurétine  
*p* efeito *m* farmacológico vasoconstritor da adiuretina
- f* vasopressine *f*  
*p* vasopressina *f*
- 6641 vasoconstrictive property of corticosteroids**  
(Horm.)  
(One of the characteristic of the drugs, used e.g. in anti-inflammatory processes.)  
*d* gefäßzusammenziehende Eigenschaft *f* der Kortikosteroide; gefäßverengende Eigenschaft *f* der Kortikosteroide  
*f* propriété *f* vasoconstrictrice des corticostéroïdes  
*p* propriedade *f* vasoconstritora dos corticosteróides
- 6642 vasodilatation**  
(Med.)  
(Increase of blood vessel diametre.)  
*d* Gefäßerweiterung *f*  
*f* vasodilatation *f*  
*p* vasodilatação *f*
- 6643 vasodilating adj**  
(Med.)  
(E.g. histamine is a vasodilator.)  
*d* gefäßweiternd  
*f* vasodilatateur  
*p* vasodilatador
- 6644 vasodilating medicamentous substance**  
(Prod.)  
(Pharmaceutical technology; vasodilators against hypertension, e.g. pentaerythrityl tetranitrate (C<sub>5</sub>H<sub>8</sub>N<sub>4</sub>O<sub>12</sub>)).  
*d* gefäßweiternder Arzneistoff *m*  
*f* substance *f* médicamenteuse vasodilatateur  
*p* substância *f* medicamentosa vasodilatadora
- 6645 vasopressin**  
(Horm.)  
(Antidiuretic hormone; blood pressure increasing polypeptide hormone of the posterior lobe of the pituitary gland: see entry: "adiuretin".)  
*d* Vasopressin *n*
- 6646 vasopressin, a hormone which increases blood pressure**  
(Horm.)  
(Hormone physiology; hormone with hypertensive effect.)  
*d* Vasopressin *n*, ein blutdruckerhöhendes Hormon  
*f* vasopressine *f*, une hormone qui élève la pression sanguin  
*p* vasopressina *f*, um hormônio que aumenta a pressão do sangue
- 6647 vasopressin has a hypertensive pharmacological effect**  
(Horm.)  
(Example of the pharmacological effect of a hormone; see also entry: vasoconstrictive pharmacological effect of adiuretin; (vasopressin=adiuretin).)  
*d* Vasopressin *n* hat einen blutdrucksteigernden pharmakologischen Effekt  
*f* vasopressine *f* a un effet pharmacologique hypertensif  
*p* vasopressina *f* possui um efeito farmacológico hipertensivo
- 6648 vaulted tablet coating operation; convex tablet coating operation**  
(Prod.)  
(Pharmaceutical processes; ref. to tablet coating type, the other one is the flat type.)  
*d* gewölbter Tablettenüberzugsvorgang *m*; konvexer Tablettenüberzugsvorgang *m*  
*f* opération *f* d'enrobage bombé du comprimé; opération *f* d'enrobage convexe du comprimé  
*p* operação *f* de revestimento abaulado do comprimido; operação *f* de revestimento convexo do comprimido
- 6649 vector; carrier**  
(Prod.)  
(Pharmaceutical chemistry; medicament-(drug-)carrier.)  
*d* Trägersubstanz *f*  
*f* vecteur *m*  
*p* vetor *m*
- 6650 vegetable gum**  
(Phyto.)  
(Gum tragacanth; see entry: tragacanth.)  
*d* Pflanzengummi *n*  
*f* gomme *f* végétale  
*p* goma *f* vegetal

- 6651 vegetable gum as mucilaginous auxiliary**  
(Phyto.)  
(Pharmaceutical auxiliary, e.g. made from gum tragacanth and gum arabic.)  
*d* Pflanzen-Gummi *n* als schleimartiges Hilfsprodukt  
*f* gomme *f* végétale comme substance auxiliaire mucilagineuse  
*p* goma *f* vegetal como substância auxiliar mucilaginosa
- 6652 vegetable juice**  
(Phyto.)  
(Medicinal juices made from vegetables, e.g. squeezed out of carrots.)  
*d* Gemüsesaft *m*  
*f* suc *m* végétal  
*p* suco *m* vegetal
- 6653 vegetable oil**  
(Vit.)  
(Vitamin technology; auxiliary in vitamin products.)  
*d* Pflanzenöl *n*  
*f* huile *f* végétale  
*p* óleo *m* vegetal
- 6654 vegetable protein in nutrition**  
(Enz.)  
(Constituent of the body; see entry: protein.)  
*d* pflanzliches Protein *n* in der Ernährung; pflanzliches Eiweiß *n* in der Ernährung  
*f* protéine *f* végétale dans la nourriture  
*p* proteína *f* vegetal na alimentação
- 6655 vein; vena (vena *p*l)**  
(Anat.)  
(Blood transport vessel towards the heart.)  
*d* Vene *f*  
*f* veine *f*  
*p* veia *f*
- 6656 velocity of bacterial multiplication**  
(Med.)  
(Ref. to research etc.)  
*d* Schnelligkeit *f* bakterieller Vermehrung  
*f* vitesse *f* de multiplication bactérienne  
*p* velocidade *f* da multiplicação bacteriana
- 6657 velocity of breakdown**  
(Pharm.)  
(Pharmacokinetics; ref. to the decomposition/metabolizing of a drug by the body.)  
*d* Abbaugeschwindigkeit *f*  
*f* vitesse *f* de décomposition  
*p* velocidade *f* de decomposição
- 6658 velocity of chemical degradation**  
(Prod.)  
(Pharmaceutical chemistry; e.g. ref. to decomposition of a chemical compound.)  
*d* Schnelligkeit *f* des chemischen Abbaues  
*f* vitesse *f* de la dégradation chimique  
*p* velocidade *f* de degradação química
- 6659 velocity of excretion**  
(Pharm.)  
(Pharmacokinetics; ref. to drug elimination from the body.)  
*d* Ausscheidungsgeschwindigkeit *f*  
*f* vitesse *f* de l'excrétion  
*p* velocidade *f* da excreção
- 6660 velocity of resorption**  
(Prod.)  
(Pharmaceutical technology; this characteristic of the drug depends e.g. on its physical and chemical properties.)  
*d* Aufnahmegeschwindigkeit *f*  
*f* vitesse *f* de la résorption  
*p* velocidade *f* de resorção
- 6661 velocity of the biotechnological reaction**  
(Enz.)  
(Biotechnology; ref. to biotechnological processes.)  
*d* Schnelligkeit *f* der biotechnologischen Reaktion  
*f* vitesse *f* de la réaction biotechnologique  
*p* velocidade *f* da reação biotecnológica
- \* vena → 6655
- \* ventilation on fermentation → 220
- 6662 vermicide**  
(Prod.)  
(E.g. against in the intestine living parasites, in malaria treatment.)  
*d* Wurmmittel *n* mit vermizider Wirkung  
*f* anthelminthique *m* à effet détruisant  
*p* vermícida *m*
- 6663 veronica; speedwell**  
(Phyto.)  
(*"Scrophulariaceae"*; *Veronica officinalis*; medicinal plant; depurative (blood-purifying).)  
*d* Männertreu *n*; Ehrenpreis *n*  
*f* véronique *m*; véronique *m* officinale  
*p* verônica *f*; verônica-oficinal *f*
- 6664 viable organisms**  
(Prod.)  
(Pharmaceutical processes and production; Microorganisms capable of living and affecting pharmaceutical purity of products.)

- d* lebensfähige Organismen *mpl*  
*f* organismes *mpl* viables  
*p* organismos *mpl* viáveis; organismos *mpl* em condições de viver
- 6665 vibration energy**  
 (Prod.)  
 (Pharmaceutical technology; a form of kinetic energy (see this entry), ref. to gases/gas molecules.)  
*d* Schwingungsenergie *f*  
*f* énergie *f* de vibration  
*p* energia *f* de vibração
- 6666 vinyl acetate component**  
 (Prod.)  
 (Pharmaceutical technology; part of certain polyvinylpyrrolidone type.)  
*d* Vinylacetat-Komponente *f*  
*f* composant *m* de vinyl acetate  
*p* componente *m* de acetato de vinila
- 6667 vinylpyrrolidone homopolymers**  
 (Prod.)  
 (Pharmaceutical technology; auxiliary product, e.g. PVP.)  
*d* Vinylpyrrolidon-Homopolimere *npl*  
*f* homopolymères *mpl* de vinylpyrrolidone  
*p* homopolímeros *mpl* de vinilpirrolidona
- 6668 vinylpyrrolidone-vinyl acetate copolymer**  
 (Prod.)  
 (Pharmaceutical technology; auxiliary; ref. to the polymerization of vinylpyrrolidone and vinylacetate: copolividone.)  
*d* Polyvinylpyrrolidon-Vinylacetat-Copolymerisat *n*  
*f* copolymère *m* de polyvinylpyrrolidone et vinyl acetate  
*p* copolímero *m* de vinilpirrolidona e acetato de vinila
- 6669 viral** *adj*  
 (Med.)  
 (Ref. to viruses.)  
*d* viral  
*f* viral  
*p* viral
- 6670 viral infections**  
 (Med.)  
*d* virale Infektionen *fpl*  
*f* infections *fpl* virales  
*p* infecções *fpl* virais
- 6671 virulence; virulency**  
 (Med.)  
 (Ref. to disease producing germs.)
- d* Bösartigkeit *f*  
*f* virulence *f*  
*p* virulência *f*
- \* **virulency** → **6671**
- 6672 virulent** *adj*  
 (Med.)  
 (Ref. to disease producing germs.)  
*d* bösartig  
*f* virulent  
*p* virulento
- 6673 virus multiplication**  
 (Med.)  
 (Inhibited in cells having undergone interferon treatment.)  
*d* Virenvermehrung *f*  
*f* multiplication *f* de virus  
*p* multiplicação *f* de vírus
- 6674 virusstatic effect of antibiotics**  
 (Ant.)  
 (Inhibiting virus-proliferation.)  
*d* virusstatische Wirkung *f* der Antibiotika  
*f* effet *m* virustatique des antibiotiques  
*p* efeito *m* vírus-estático dos antibióticos
- 6675 viscosity-average molecular weight; viscosity-average of the molecular weight**  
 (Mol.)  
 (Product characteristic; in product specification, product determination; in production processes.)  
*d* Molekulargewicht *n* des Viskositätsdurchschnittes; mittlere Viskosität *f* des Molekulargewichts  
*f* poids *m* moléculaire des valeurs moyennes de la viscosité; viscosité *f* moyenne du poids moléculaire  
*p* peso *m* molecular da média da viscosidade; viscosidade *f* média do peso molecular
- \* **viscosity-average of the molecular weight** → **6675**
- 6676 viscosity/concentration relationship**  
 (Prod.)  
 (Fine chemical technology.)  
*d* Viskosität/Konzentration-Verhältnis *n*  
*f* viscosité *f* en fonction de la concentration  
*p* viscosidade *f* em função da concentração
- 6677 viscosity degree**  
 (Prod.)  
 (Pharmaceutical technology; viscosity determination.)  
*d* Viskositätsgrad *m*

- f* degré *m* de viscosité  
*p* grau *m* de viscosidade
- 6678 viscosity in alcohols**  
(Prod.)  
(Pharmaceutical technology; viscosity determination of (auxiliary) products in alcoholic solutions.)  
*d* Viskosität *f* in Alkoholen  
*f* viscosité *f* dans des alcools  
*p* viscosidade *f* em alcoois
- 6679 viscosity limit of a solution**  
(Prod.)  
(Pharmaceutical technology; limit determined for a certain solution.)  
*d* Viskositätsgrenze *f* einer Lösung  
*f* limite *f* de la viscosité dans une solution  
*p* limite *m* de viscosidade de uma solução
- 6680 viscosity of surfactants containing systems**  
(Prod.)  
(Pharmaceutical chemistry; product characteristic.)  
*d* Viskosität *f* tensidhaltiger Stoffsysteme  
*f* viscosité *f* des systèmes contenantants de tensioactifs  
*p* viscosidade *f* de sistemas contendo tensoativos
- 6681 viscosity of the continuous phase of an emulsion**  
(Prod.)  
(Pharmaceutical chemistry; see entry: continued phase of an emulsion.)  
*d* Viskosität *f* der kontinuierlichen Phase einer Emulsion  
*f* viscosité *f* de la phase continue d'une émulsion  
*p* viscosidade *f* da fase contínua de uma emulsão
- 6682 viscous consistency**  
(Prod.)  
(Pharmaceutical chemistry; product property.)  
*d* viskose Konsistenz *f*; zähflüssige Konsistenz *f*  
*f* consistence *f* visqueuse  
*p* consistência *f* viscosa
- 6683 viscous liquid**  
(Prod.)  
(In pharmaceutical chemistry; product characteristic.)  
*d* viskose Flüssigkeit *f*  
*f* liquide *m* visqueux  
*p* líquido *m* viscoso
- 6684 viscous solution**  
(Prod.)  
(Pharmaceutical chemistry.)  
*d* viskose Lösung *f*  
*f* solution *f* visqueuse  
*p* solução *f* viscosa
- 6685 vital functions**  
(Med.)  
(E.g. regulated by hypothalamic activity.)  
*d* Lebensfunktionen *fpl*  
*f* fonctions *fpl* vitales  
*p* funções *fpl* vitais
- 6686 vitalize v the vitamin activity**  
(Vit.)  
(Vitamin physiology; promoted by certain mineral substances in the body.)  
*d* Wirksamkeit der Vitamine aktivieren; Wirksamkeit der Vitamine verstärken  
*f* vitaliser l'activité des vitamines  
*p* vitalizar a atividade das vitaminas
- 6687 vitamin A; vitamin A<sub>1</sub>; retinol**  
(Vit.)  
(C<sub>20</sub>H<sub>30</sub>O; vitamin A<sub>1</sub>; anti-xerophthalmic vitamin; epithelium protection factor; cellular regeneration.)  
*d* Vitamin *n* A; Vitamin *n* A<sub>1</sub>; Retinol *n*  
*f* vitamine *f* A; vitamine *f* A<sub>1</sub>; rétinol *m*  
*p* vitamina *f* A; vitamina *f* A<sub>1</sub>; retinol *m*
- 6688 vitamin A<sub>2</sub>; dehydroretinol**  
(Vit.)  
(C<sub>20</sub>H<sub>28</sub>O; has 40% of the activity of vitamin A<sub>1</sub>.)  
*d* Vitamin *n* A<sub>2</sub>; Dehydroretinol *n*  
*f* vitamine *f* A<sub>2</sub>; déhydrorétinol *m*  
*p* vitamina *f* A<sub>2</sub>; desidrorretinol *m*
- 6689 vitamin A acetate**  
(Vit.)  
(Vitamin technology; C<sub>22</sub>H<sub>32</sub>O<sub>2</sub>; retinyl acetate: e.g. in dry-powder form for direct tableting.)  
*d* Vitamin A-Acetat *n*  
*f* acétate *m* de vitamine A  
*p* acetato *m* de vitamina A
- 6690 vitamin A acetate dry powder**  
(Vit.)  
(C<sub>22</sub>H<sub>32</sub>O<sub>2</sub>; vitamin technology; retinyl acetate: e.g. in dry-powder form for direct tableting.)  
*d* Vitamin A-Acetat-Trockenpulver *n*  
*f* acétate *m* de vitamine A en poudre sèche  
*p* vitamina A acetato pó *m* seco

- 6691 vitamin A acetate in unstabilized form**  
(Vit.)  
(Vitamin technology;  $C_{22}H_{32}O_2$ ; a vitamin A form.)  
*d* nicht stabilisiertes Vitamin A-Acetat *n*; unstabilisiertes Vitamin A-Acetat *n*  
*f* acétate *m* de vitamine A non stabilisé  
*p* acetato *m* de vitamina A não-estabilizado
- 6692 vitamin A<sub>1</sub> acid**  
(Vit.)  
(Vitamin in physiology;  $C_{20}H_{28}O_2$ ; retinoic acid; e.g. used in acne treatment.)  
*d* Vitamin A<sub>1</sub>-Säure *f*  
*f* vitamine A<sub>1</sub>-acide *m*; acide *m* de la vitamine A<sub>1</sub>  
*p* vitamina A<sub>1</sub>-ácido *m*; ácido *m* da vitamina A<sub>1</sub>
- 6693 vitamin A<sub>1</sub> alcohol**  
(Vit.)  
(Vitamin biochemistry; retinol;  $C_{20}H_{30}O$ , vitamin A<sub>1</sub>; the free alcohol is sensitive to air-oxidation, oil solutions are more stable.)  
*d* Vitamin A<sub>1</sub>-Alkohol *m*  
*f* vitamine A<sub>1</sub>-alcool *m*  
*p* vitamina A<sub>1</sub>-álcool *m*
- 6694 vitamin A aldehyde**  
(Vit.)  
( $C_{20}H_{28}O$ . Vitamin A derivative; retinal, axerophthal.)  
*d* Vitamin A-Aldehyd *n*  
*f* aldéhyde *m* de vitamine A  
*p* aldeído *m* de vitamina A
- 6695 vitamin A<sub>1</sub> aldehyde**  
(Vit.)  
(Vitamin biochemistry;  $C_{20}H_{28}O$ ; retinal; axerophthal; having the same bioactivity as crystalline vitamin A.)  
*d* Vitamin A<sub>1</sub>-Aldehyd *n*  
*f* vitamine A<sub>1</sub>-aldéhyde *m/f*; aldéhyde *m/f* de la vitamine A<sub>1</sub>  
*p* vitamina A<sub>1</sub>-aldeído *m*; aldeído *m* da vitamina A<sub>1</sub>
- 6696 vitamin A – antixerophthalmic vitamin**  
(Vit.)  
( $C_{20}H_{30}O$ ; vitamin A<sub>1</sub>, retinol. Prophylaxis and treatment of vitamin A deficiency as e.g. xerophthalmia (in eye disease).)  
*d* Vitamin *n* A – antixerophthalmisches Vitamin *n*  
*f* vitamine *f* A – vitamine *f* antixérophtalmique  
*p* vitamina *f* A – vitamine *f* antixeroftálmica
- 6697 vitamin A as a metabolic product of carotenoids**  
(Vit.)  
(Vitamin A physiology; ref. especially to beta-carotene; important source: e.g. fish-liver oil.)  
*d* Vitamin *n* A als Carotinoid-Stoffwechselprodukt  
*f* vitamine *f* A comme produit du métabolisme des caroténoïdes  
*p* vitamina *f* A como produto do metabolismo dos carotenóides
- 6698 vitamin A as starting material of the visual purple**  
(Vit.)  
(Vitamin physiology; vitamin A activity, ref. to rhodopsin = visual purple = (light sensitive) retina pigment.)  
*d* Vitamin *n* A als Ausgangssubstanz des Sehpurpurs  
*f* vitamine *f* A comme matière première du pourpre rétinien  
*p* vitamina *f* A como matéria prima da púrpura visual
- 6699 vitamin absorption capacity**  
(Vit.)  
(Vitamin physiology; e.g. ref. to vitamin absorption from foodstuffs.)  
*d* Vitamin-Aufnahmefähigkeit *f*; Vitamin-Absorptionsfähigkeit *f*  
*f* capacité *f* de l'absorption vitaminique  
*p* capacidade *f* de absorção das vitaminas
- 6700 vitamin absorption incapacity**  
(Vit.)  
(Vitamin physiology; condition which provokes vitamin-deficiencies.)  
*d* Vitaminabsorptionsunfähigkeit *f*  
*f* incapacité *f* d'absorption de la vitamine  
*p* incapacidade *f* de absorção da vitamina
- 6701 vitamin absorption on intestinal level**  
(Vit.)  
(Vitamin physiology; see entry: Vitamin absorption incapacity, disorder that can provoke vitamin-deficiencies in the human body.)  
*d* Vitaminabsorption *f* auf Darmniveau  
*f* absorption *f* des vitamines au niveau de l'intestin  
*p* absorção *f* das vitaminas ao nível intestinal
- 6702 vitamin A capsule**  
(Vit.)  
(Vitamin technology; a solid vitamin preparation of vitamin A acetate ( $C_{22}H_{32}O_2$ ).)  
*d* Vitamin A-Kapsel *f*

- f* capsule *f* de vitamine A  
*p* cápsula *f* de vitamina A
- 6703 vitamin A carrier**  
 (Vit.)  
 (Vitamin physiology; ref. to a protein having the function of carrying vitamin A to a specific receptor.)  
*d* Vitamin A-Träger *m*  
*f* véhicule *m* de la vitamine A  
*p* veículo *m* da vitamin A
- 6704 vitamin A chewable tablet**  
 (Vit.)  
 (Vitamin technology; retinyl acetate (vitamin A) dry powder tablet.)  
*d* Vitamin A-Kautablette *f*  
*f* comprimé *m* à mâcher de vitamine A  
*p* comprimido *m* mastigável de vitamina A
- 6705 vitamin action**  
 (Vit.)  
 (Vitamin physiology.)  
*d* Vitamin-Wirkung *f*  
*f* action *f* des vitamines  
*p* ação *f* das vitaminas; efeito *m* das vitaminas
- 6706 vitamin activation**  
 (Vit.)  
 (Vitamin technology.)  
*d* Vitaminaktivierung *f*;  
 Vitaminbeschleunigung *f*  
*f* activation *f* de la vitamine  
*p* ativação *f* da vitamina
- 6707 vitamin activity**  
 (Vit.)  
 (Vitamin biochemistry.)  
*d* Vitaminaktivität *f*  
*f* activité *f* vitaminique  
*p* atividade *f* vitamínica
- 6708 vitamin activity inhibitors**  
 (Vit.)  
 (Vitamin physiology; e.g. copper.)  
*d* Vitaminaktivitätshemmer *mpl*  
*f* inhibiteurs *mpl* de l'activité vitaminique  
*p* inibidores *mpl* da atividade vitamínica
- 6709 vitamin A deficiency; retinol deficiency**  
 (Vit.)  
 (Vitamin physiology; effect: skin desquamation, hair loss; vitamin A used in skin treatment.)  
*d* Vitamin A-Mangel *m*; Retinol-Mangel *m*  
*f* carence *f* en vitamine A; carence *f* en rétinol  
*p* carência *f* de vitamina A; carência *f* de retinol
- 6710 vitamin A drops**  
 (Vit.)  
 (Vitamin technology; a medical presentation form.)  
*d* Vitamin-A-Tropfen *mpl*  
*f* gouttes *fpl* de vitamine A  
*p* gotas *fpl* de vitamina A
- 6711 vitamin A ester**  
 (Vit.)  
 (Vitamin technology; a vitamin a form.)  
*d* Vitamin A-Ester *m*  
*f* ester *m* de la vitamine A  
*p* éster *m* da vitamina A
- 6712 vitamin A in the rhodopsin of the retina**  
 (Vit.)  
 (Vitamin physiology; vitamin A activity ref. to rhodopsin = visual purple = (light sensitive) retina pigment.)  
*d* Vitamin *n* A im Rhodopsin der Netzhaut  
*f* vitamine *f* A dans le rhodopsine de la rétine  
*p* vitamina *f* A na rodopsina de retina
- 6713 vitamin A is a metabolic product of beta-carotene**  
 (Vit.)  
 (Vitamin physiology.)  
*d* Vitamin *n* A ist ein Stoffwechselprodukt des beta-Caroten  
*f* vitamine *f* A est un produit métabolique du bêta-carotène  
*p* vitamina *f* A é um produto metabólico do beta-caroteno
- 6714 vitamin analysis**  
 (Vit.)  
 (Vitamin technology.)  
*d* Vitaminanalyse *f*  
*f* analyse *f* des vitamines; analyse *f* vitaminique  
*p* análise *f* das vitaminas; análise *f* vitamínica
- 6715 vitamin A necessary for the glycoprotein metabolism**  
 (Vit.)  
 (Vitamin physiology; vitamin A activity in the organism.)  
*d* Vitamin *n* A notwendig für den Glykoproteinstoffwechsel  
*f* vitamine *f* A nécessaire pour le métabolisme des glycoprotéines  
*p* vitamina *f* A necessário para o metabolismo das glicoproteínas
- 6716 vitamin antagonist**  
 (Vit.)  
 (Vitamin technology; a vitamin activity-reducing substance, e. g. for vitamin C it is nicotine.)



- d* Vitaminantagonist *m*; Vitamingegenprodukt *n*  
*f* antagoniste *m* de vitamine; substance *f*  
 antagoniste de la vitamine  
*p* antagonista *m* de vitamina; substância *f*  
 antagônica à vitamina
- 6717 vitamin antioxidant**  
 (Vit.)  
 (Vitamin technology; auxiliary products  
 added to assure vitamin stability.)  
*d* Vitaminantioxydant *n*  
*f* antioxydant *m* vitaminique  
*p* antioxidante *m* vitamínico
- 6718 vitamin A palmitate**  
 (Vit.)  
 (Vitamin technology; C<sub>36</sub>H<sub>60</sub>O<sub>2</sub>; retinyl  
 palmitate, e.g. in oily solutions for filling  
 gelatin capsules; low stability properties.)  
*d* Vitamin A-Palmitat *n*  
*f* palmitate *m* de vitamine A  
*p* palmitato *m* de vitamina A
- 6719 vitamin A poisoning**  
 (Vit.)  
 (Vitamin physiology; see entry:  
 A-hypervitaminosis syndrome; and:  
 symptoms of acute vitamin overdosage.)  
*d* Vitamin-A-Vergiftung *f*  
*f* intoxication *f* par la vitamine A  
*p* intoxicação *f* pela vitamina A
- 6720 vitamin A propionate**  
 (Vit.)  
 (Vitamin technology; retinyl propionate: an  
 oily vitamin A form of high concentration;  
 stability problems.)  
*d* Vitamin A-Propionat *n*  
*f* propionate *m* de vitamine A  
*p* propionato *m* de vitamina A
- 6721 vitamin as a constituent of a coenzyme**  
 (Vit.)  
 (Vitamin physiology/biochemistry.)  
*d* Vitamin *n* als Bestandteil eines Coenzymes  
*f* vitamine *f* comme constituant d'une coenzyme  
*p* vitamina *f* como constituinte de uma  
 coenzima
- 6722 vitamin B as prosthetic groups of enzymes**  
 (Vit.)  
 (Vitamin physiology; see entry: prosthetic  
 group.)  
*d* Vitamin *n* B als prosthetische Gruppen von  
 Enzymen  
*f* vitamine *f* B comme groupes protéiques des  
 enzymes
- p* vitamina *f* B como grupos prostéticos de  
 enzimas
- 6723 vitamin B complex**  
 (Vit.)  
 (Vitamin technology.)  
*d* Vitamin B-Komplex *m*  
*f* complexe *m* de vitamine B  
*p* complexo *m* de vitamina B
- 6724 vitamin B complex influences the metabolism of the proteins**  
 (Vit.)  
 (Vitamin physiology; ref. to the activity of the  
 B complex, containing: vitamin B<sub>1</sub>, B<sub>2</sub>, B<sub>6</sub>, PP  
 (nicotinamide), B<sub>5</sub> (calcium D-pantothenate)  
 and biotin (vitamin H).)  
*d* Vitamin B-Komplex *m* beeinflusst den  
 Stoffwechsel der Proteine  
*f* complexe *m* de vitamine B influence le  
 métabolisme des protéines  
*p* complexo *m* vitamínico B influencia o  
 metabolismo das proteínas
- 6725 vitamin B complex products**  
 (Vit.)  
 (Vitamin technology.)  
*d* Vitamin B-Komplex Produkte *npl*  
*f* produits *mpl* du complexe de vitamine B  
*p* produtos *mpl* do complexo de vitamina B
- 6726 vitamin B complex regulates various phases of the lipid metabolism**  
 (Vit.)  
 (Vitamin physiology; ref. to the activity of the  
 B complex, containing: vitamin B<sub>1</sub>, B<sub>2</sub>, B<sub>6</sub>, PP  
 (nicotinamide), B<sub>5</sub> (calcium D-pantothenate)  
 and biotin (vitamin H).)  
*d* Vitamin B-Komplex *m* reguliert verschiedene  
 Phasen des Fettstoffwechsels  
*f* complexe *m* de vitamine B régule des  
 plusieurs phases du métabolisme lipidique  
*p* complexo *m* vitamínico B regula várias fases  
 do metabolismo lipídico
- 6727 vitamin B complex solution**  
 (Vit.)  
 (Vitamin technology; vitamin preparation.)  
*d* Vitamin B-Komplex-Lösung *f*  
*f* solution *f* du complexe de vitamine B  
*p* solução *f* do complexo de vitamina B
- 6728 vitamin B complex syrup**  
 (Vit.)  
 (Vitamin technology; a vitamin preparation.)  
*d* Vitamin B-Komplex-Sirup *m*  
*f* sirop *m* du complexe de vitamine B  
*p* xarope *m* do complexo de vitamina B

- 6729 vitamin B complex tablets**  
(Vit.)  
(Medical presentation form.)  
*d* Vitamin-B-Komplex-Tabletten *fpl*  
*f* comprimés *mpl* de complexes des vitamines B  
*p* comprimidos *mpl* do complexo de vitaminas B
- 6730 vitamin B in the homeostasis**  
(Vit.)  
(This vitamin group is said to influence positively the physiological equilibrium process of the body.)  
*d* Vitamin *n* B in der Homöostasis  
*f* vitamines *f*B dans l'homéostasie  
*p* vitamina *f*B na homeóstase
- 6731 vitamin B in the metabolic chain**  
(Vit.)  
(Vitamin physiology.)  
*d* Vitamine *n* B in der Stoffwechselkette  
*f* vitamine *f*B dans la chaîne métabolique  
*p* vitamina *f*B na cadeia metabólica
- 6732 vitamin B in the oxidoreduction processes**  
(Vit.)  
(This vitamin group is said to influence positively these processes linked to the cellular respiration.)  
*d* Vitamin *n* B in den Oxidations-Reduktions-Prozessen  
*f* vitamine *f*B dans les processus de l'oxydo-réduction  
*p* vitamina *f*B nos processos da oxido-redução
- 6733 vitamin B<sub>1</sub>; thiamin[e] – water-soluble**  
(Vit.)  
(Fine chemical technology; (C<sub>12</sub>H<sub>17</sub>N<sub>4</sub>OS)Cl; essential for the metabolic process and the function of nerves.)  
*d* Vitamin *n* B<sub>1</sub>; Thiamin *n* – wasserlöslich  
*f* vitamine *f*B<sub>1</sub>; thiamine *f* – hidrosoluble  
*p* vitamina *f*B<sub>1</sub>; tiamina *f* – hidrossolúvel
- 6734 vitamin B<sub>1</sub> as a coenzyme in the break down of glucose**  
(Vit.)  
(Vitamin physiology; thiamin activity – glucose=dextrose (C<sub>6</sub>H<sub>12</sub>O<sub>6</sub>) decomposition – in the organism.)  
*d* Vitamin *n* B<sub>1</sub> als Koenzym im Traubenzuckerabbau  
*f* vitamine *f*B<sub>1</sub> comme coenzyme dans la décomposition du glucose  
*p* vitamina *f*B<sub>1</sub> como coenzima na decomposição de glicose
- 6735 vitamin B<sub>1</sub> as neurotransmitter**  
(Vit.)  
(Vitamin physiology.)  
*d* Vitamin *n* B<sub>1</sub> als Neurotransmitter  
*f* vitamine *f*B<sub>1</sub> comme neurotransmetteur; vitamine *f*B<sub>1</sub> comme neuromédiateur  
*p* vitamina *f*B<sub>1</sub> como neurotransmisso
- 6736 vitamin B<sub>1</sub> as principle in cellular bioenergy**  
(Vit.)  
(Vitamin physiology; as regulating principle of the energetic glucose utilization (see entry).)  
*d* Vitamin *n* B<sub>1</sub> als Prinzip in der Bioenergie der Zelle  
*f* vitamine *f*B<sub>1</sub> comme principe dans la bioénergie cellulaire  
*p* vitamina *f*B<sub>1</sub> como princípio na bioenergia celular
- 6737 vitamin B<sub>1</sub> as the first factor of the vitamin B-principle; thiamin[e] as the first factor of the vitamin B-principle**  
(Vit.)  
(Vitamin biochemistry. Identified by American (Pol.-born) biochemist Casimir Funk (1884 – 1967).)  
*d* Vitamin *n* B<sub>1</sub> als erster Faktor des Vitamin B-Prinzips; Thiamin *n* als erster Faktor des Vitamin B-Prinzips  
*f* vitamine *f*B<sub>1</sub> comme premier facteur du principe vitaminique B; thiamine *f* comme premier facteur du principe vitaminique B  
*p* vitamina *f* B<sub>1</sub> como primeiro fator do princípio vitamínico B; tiamina *f* como primeiro fator do princípio vitamínico B
- 6738 vitamin B<sub>1</sub> deficiency; thiamin[e] deficiency**  
(Vit.)  
(Type of hypovitaminosis: beriberi provoking condition, accompanied by nervous degeneration and finally death from heart failure.)  
*d* Vitamin B<sub>1</sub>-Mangel *m*; Thiaminmangel *m*  
*f* carence *f* en vitamine B<sub>1</sub>; carence *f* en thiamine  
*p* carência *f* da vitamina B<sub>1</sub>; carência *f* de tiamina
- 6739 vitamin B<sub>1</sub> in cellular metabolism**  
(Vit.)  
(Vitamin physiology; as regulating principle of the energetic glucose utilization (see entry).)  
*d* Vitamin *n* B<sub>1</sub> im Stoffwechsel der Zelle  
*f* vitamine *f*B<sub>1</sub> dans le métabolisme cellulaire  
*p* vitamina *f*B<sub>1</sub> no metabolismo celular

- 6740 vitamin B<sub>1</sub> monophosphate salt**  
(Vit.)  
(C<sub>12</sub>H<sub>19</sub>N<sub>4</sub>O<sub>5</sub>PS.2H<sub>2</sub>O; thiamine phosphoric acid salt; vitamin B<sub>1</sub> derivative.)  
*d* Vitamin B<sub>1</sub>-Monophosphatsalz *n*  
*f* vitamine B<sub>1</sub>-sel *m* monophosphate; sel *m* monophosphate de la vitamine B<sub>1</sub>  
*p* vitamina B<sub>1</sub>-sal *m* monofosfato; sal *m* monofosfato da vitamina B<sub>1</sub>
- 6741 vitamin B<sub>1</sub> participates in the carbohydrate metabolism as a coenzyme; thiamin[e] participates in the carbohydrate metabolism as a coenzyme**  
(Vit.)  
(Vitamin physiology.)  
*d* Vitamin *n* B<sub>1</sub> nimmt als Coenzym am Kohlenhydratstoffwechsel teil; Thiamin *n* nimmt als Coenzym am Kohlenhydratstoffwechsel teil  
*f* vitamine *f* B<sub>1</sub> participe au métabolisme glucidique sous la forme d'une coenzyme; thiamine *f* participe au métabolisme glucidique sous la forme d'une coenzyme  
*p* vitamina *f* B<sub>1</sub> participa no metabolismo dos carbohidratos como coenzima; tiamina *f* participa no metabolismo dos carbohidratos como coenzima
- 6742 vitamin B<sub>1</sub> triphosphate ester**  
(Vit.)  
(C<sub>12</sub>H<sub>19</sub>N<sub>4</sub>O<sub>10</sub>P<sub>3</sub>S.1/2H<sub>2</sub>O; thiamine triphosphoric acid ester; phosphate salt used in diabetic coma.)  
*d* Vitamin B<sub>1</sub>-Triphosphatester *m*  
*f* vitamine B<sub>1</sub>-ester triphosphate *m*  
*p* vitamina B<sub>1</sub>-éster trifosfato *m*
- 6743 vitamin B<sub>12</sub>; cyanocobalamin, water soluble**  
(Vit.)  
(Vitamin physiology; C<sub>63</sub>H<sub>90</sub>CoN<sub>14</sub>O<sub>14</sub>P; antipernicious anemia principle.)  
*d* Vitamin *n* B<sub>12</sub>; Zyancobalamin *n*, wasserlöslich  
*f* vitamine *f* B<sub>12</sub>; cyanocobalamine *f*, hydrosoluble  
*p* vitamina *f* B<sub>12</sub>; cyanocobalamina *f*, hidrossolúvel
- 6744 vitamin B<sub>12</sub>; cyanocobalamin, essential in the production of nucleoproteins**  
(Vit.)  
(Vitamin physiology; e.g. essential also in the formation of the myelin of the nervous tissue.)  
*d* Vitamin *n* B<sub>12</sub>; Zyancobalamin *n*, wesentlich in der Produktion von Zellkernproteinen  
*f* vitamine *f* B<sub>12</sub>; cyanocobalamine *f*, essentielle à la formation des nucléoprotéines  
*p* vitamina *f* B<sub>12</sub>; cyanocobalamina *f*, indispensável para a formação das nucleoproteínas
- 6745 vitamin B<sub>12</sub> acts in cell division**  
(Vit.)  
(Vitamin physiology.)  
*d* Vitamin *n* B<sub>12</sub> wirkt in der Zellteilung  
*f* vitamine *f* B<sub>12</sub> agit sur la division cellulaire  
*p* vitamina *f* B<sub>12</sub> age na divisão celular
- 6746 vitamin B<sub>12</sub> as a crystalline cobalt complex**  
(Vit.)  
(Vitamin biochemistry.)  
*d* Vitamin *n* B<sub>12</sub> als kristalliner Kobaltkomplex  
*f* vitamine *f* B<sub>12</sub> comme complexe cristallin de cobalt  
*p* vitamina *f* B<sub>12</sub> como complexo cristalino de cobalto
- 6747 vitamin B<sub>12</sub> as antipernicious anaemia factor**  
(Vit.)  
(Vitamin physiology.)  
*d* Vitamin *n* B<sub>12</sub> Antifaktor der perniziösen Anämie  
*f* vitamine *f* B<sub>12</sub> comme antifacteur de l'anémie pernicieuse  
*p* vitamina *f* B<sub>12</sub> como antifator da anemia perniciosa
- 6748 vitamin B<sub>12</sub> as regulator of cellular homeostasis**  
(Vit.)  
(Vitamin physiology; cyanocobalamine; cellular homeostasis: physiological process of cell equilibrium.)  
*d* Vitamin *n* B<sub>12</sub> als Regulator der Zellen-Homöostase  
*f* vitamine *f* B<sub>12</sub> comme régulateur de l'homéostasie cellulaire  
*p* vitamina *f* B<sub>12</sub> como regulador da homeóstase celular
- 6749 vitamin B<sub>12</sub> – cyanocobalamin – is essential for blood formation**  
(Vit.)  
(Vitamin physiology.)  
*d* Vitamin *n* B<sub>12</sub> – Cyanocobalamin – ist wesentlich zur Blutbildung; Vitamin *n* B<sub>12</sub> – Cyanocobalamin – ist grundlegend zur Blutbildung; Vitamin *n* B<sub>12</sub> – Cyanocobalamin – ist unentbehrlich zur Blutbildung

- f* vitamine *f*B<sub>12</sub> – cyanocobalamine – est essentielle à la formation du sang; vitamine *f*B<sub>12</sub> – cyanocobalamine – est constitutive à la formation du sang; vitamine *f*B<sub>12</sub> – cyanocobalamine – est fondamentale à la formation du sang
- p* vitamina *f*B<sub>12</sub> – cianocobalamina – é essencial para a formação do sangue; vitamina *f*B<sub>12</sub> – cianocobalamina – é indispensável para a formação do sangue
- 6750 vitamin B<sub>12</sub> deficiency**  
(Vit.)  
(Hypovitaminosis: anemias, neuropathies.)
- d* Vitamin B<sub>12</sub>-Mangel *m*
- f* manque *m* de vitamine B<sub>12</sub>
- p* deficiência *f* de vitamina B<sub>12</sub>
- 6751 vitamin B<sub>12</sub> intervenes in the protein synthesis of the organism**  
(Vit.)  
(Vitamin physiology.)
- d* Vitamin *n* B<sub>12</sub> greift in die Eiweißsynthese des Organismus ein
- f* vitamine *f*B<sub>12</sub> intervient dans la synthèse protéique de l'organisme
- p* vitamina *f*B<sub>12</sub> intervem na síntese protéica do organismo
- 6752 vitamin B<sub>12</sub> is a complex of interrelated compounds**  
(Vit.)  
(Vitamin biochemistry, ref. to cobalamin, most of the mentioned compounds have no biological activity.)
- d* Vitamin *n* B<sub>12</sub> ist ein Komplex miteinander verwandter Verbindungen
- f* vitamine *f*B<sub>12</sub> est un complexe de composés interrelationés
- p* vitamina *f*B<sub>12</sub> é um complexo de compostos relacionados entre si
- 6753 vitamin B<sub>12</sub> is important for cell nucleus maturation**  
(Vit.)  
(Vitamin physiology.)
- d* Vitamin *n* B<sub>12</sub> ist für die Zellkern-Reifung wichtig
- f* vitamine *f*B<sub>12</sub> est importante pour la maturation du noyau cellulaire
- p* vitamina *f*B<sub>12</sub> é importante na maturação do núcleo da célula
- 6754 vitamin B<sub>12</sub> plays a role in the synthesis of desoxyribonucleic acid**  
(Vit.)  
(Vitamin physiology.)
- d* Vitamin *n* B<sub>12</sub> spielt in der Desoxyribonucleinsäure-Synthese eine Rolle
- f* vitamine *f*B<sub>12</sub> joue un rôle dans la synthèse de l'acide désoxyribonucléique
- p* vitamina *f*B<sub>12</sub> desempenha um papel na síntese do ácido desoxirribonucléico
- 6755 vitamin B<sub>12</sub> produced by biological procedures**  
(Vit.)  
(Vitamin technology; example of vitamin production by biotechnological processes.)
- d* Vitamin *n* B<sub>12</sub> durch biologische Verfahren hergestellt
- f* vitamine *f*B<sub>12</sub> produite par des procédés biologiques
- p* vitamina *f*B<sub>12</sub> produzida por processos biológicos; vitamina B<sub>12</sub> produzida por procedimentos biológicos
- 6756 vitamin B<sub>12</sub> production by biochemical synthesis: microorganisms**  
(Vit.)  
(Vitamin biochemistry; biotechnology.)
- d* Vitamin B<sub>12</sub>-Produktion *f* durch biochemische Synthese: Mikroorganismen
- f* production *f* de la vitamine B<sub>12</sub> par la synthèse biochimique: micro-organismes
- p* produção *f* da vitamina B<sub>12</sub> pela síntese bioquímica: microorganismos
- 6757 vitamin B<sub>12</sub> production by fermentation processes**  
(Vit.)  
(Vitamin technology; biotechnology.)
- d* Vitamin B<sub>12</sub>-Produktion *f* durch Gärungsverfahren
- f* production *f* de la vitamine B<sub>12</sub> par des processus de la fermentation
- p* produção *f* de vitamina B<sub>12</sub> por processos de fermentação
- 6758 vitamin B<sub>15</sub>-activity against cell intoxication**  
(Vit.)  
(Vitamin physiology; ref. to pangamic acid: example of vitamin B<sub>15</sub>-activity in the organism.)
- d* Vitamin B<sub>15</sub>-Wirkung *f* gegen Zellen-Vergiftung; Vitamin B<sub>15</sub>-Wirkung *f* gegen Zellen-Intoxikation
- f* activité *f* de la vitamine B<sub>15</sub> contre l'intoxication cellulaire
- p* atividade *f* da vitamina B<sub>15</sub> contra a intoxicação celular

- 6759 vitamin B<sub>15</sub> as activator of oxidoreduction processes**  
(Vit.)  
(Vitamin physiology; ref. to pangamic acid: example of vitamin B<sub>15</sub>-activity in the organism.)
- d* Vitamin *n* B<sub>15</sub> als Aktivator der Oxidations-Reduktions-Prozesse
- f* vitamine *f* B<sub>15</sub> comme activateur des processus d'oxydo-réduction
- p* vitamina *f* B<sub>15</sub> como ativador dos processos de óxido-redução
- 6760 vitamin B<sub>15</sub> as a regulator of hepatic functions**  
(Vit.)  
(Vitamin physiology; ref. to pangamic acid: example of vitamin B<sub>15</sub>-activity in the organism.)
- d* Vitamin *n* B<sub>15</sub> als Regulator der Leber-Funktionen
- f* vitamine *f* B<sub>15</sub> comme régulateur des fonctions hépatiques
- p* vitamina *f* B<sub>15</sub> como regulador das funções hepáticas
- 6761 vitamin B<sub>15</sub> as counteragent in the processes of cell surcharges**  
(Vit.)  
(Vitamin physiology; ref. to pangamic acid: example of vitamin B<sub>15</sub>-activity in the organism.)
- d* Vitamin *n* B<sub>15</sub> als Gegenmittel in den Prozessen Zellenüberbelastungen
- f* vitamine *f* B<sub>15</sub> comme contre-agent dans les processus des surcharges cellulaires
- p* vitamina *f* B<sub>15</sub> como contramedida em processos de sobrecarga das células
- \* **vitamin B<sub>1</sub> as foodstuff enrichment → 6347**
- 6762 vitamin B<sub>15</sub> demonstrates hepatoprotecting properties; vitamin B<sub>15</sub> demonstrates liver-protecting properties**  
(Vit.)  
(Vitamin physiology; ref. to pangamic acid: example of vitamin B<sub>15</sub>-activity in the organism.)
- d* Vitamin *n* B<sub>15</sub> zeigt leberschützende Eigenschaften
- f* vitamine *f* B<sub>15</sub> indique des propriétés hépatoprotectrices
- p* vitamina *f* B<sub>15</sub> demonstra propriedades hepato-protetoras
- \* **vitamin B<sub>15</sub> demonstrates liver-protecting properties → 6762**
- \* **vitamin B<sub>1</sub> for prophylactic purposes → 6353**
- 6763 vitamin B<sub>15</sub> intervenes in the lipid-regulation**  
(Vit.)  
(Vitamin physiology; ref. to pangamic acid: example of vitamin B<sub>15</sub>-activity in the organism.)
- d* Vitamin *n* B<sub>15</sub> greift in die Lipidregulierung ein
- f* vitamine *f* B<sub>15</sub> intervient dans la liporégulation
- p* vitamina *f* B<sub>15</sub> intervem na lipídio-regulação
- \* **vitamin B<sub>1</sub> in therapy → 6356**
- \* **vitamin B<sub>1</sub> is associated with carbohydrate metabolism → 6357**
- \* **vitamin B<sub>1</sub> multiple deficiency syndromes → 6360**
- 6764 vitamin B<sub>15</sub> participates in tissue respiration processes; vitamin B<sub>15</sub> participates in tissular respiration processes**  
(Vit.)  
(Vitamin physiology; ref. to pangamic acid.)
- d* Vitamin *n* B<sub>15</sub> nimmt an den Gewebsatmungs-Prozessen teil
- f* vitamine *f* B<sub>15</sub> participe aux processus de la respiration tissulaire
- p* vitamina *f* B<sub>15</sub> participa nos processos da respiração tissular; vitamina *f* B<sub>15</sub> participa nos processos da respiração dos tecidos
- \* **vitamin B<sub>15</sub> participates in tissular respiration processes → 6764**
- 6765 vitamin B<sub>2</sub>; riboflavin**  
(Vit.)  
(C<sub>17</sub>H<sub>20</sub>N<sub>4</sub>O<sub>6</sub>; lactoflavin. Skin treatment: seborrhoea.)
- d* Vitamin *n* B<sub>2</sub>; Riboflavin *n*
- f* vitamine *f* B<sub>2</sub>; riboflavine *f*
- p* vitamina *f* B<sub>2</sub>; riboflavina *f*
- 6766 vitamin B<sub>2</sub> as coenzyme in cell respiration**  
(Vit.)  
(Vitamin physiology; riboflavin activity in the organism.)
- d* Vitamin *n* B<sub>2</sub> als Koenzym in der Zellatmung
- f* vitamine *f* B<sub>2</sub> comme coenzyme dans la respiration cellulaire
- p* vitamina *f* B<sub>2</sub> como coenzima na respiração celular

- 6767 vitamin B<sub>2</sub> as the second factor of the vitamin B-principle; riboflavin as the second factor of the vitamin B-principle** (Vit.)  
(Vitamin biochemistry; identified by American (Pol.-born) biochemist Casimir Funk (1884–1967).)
- d* Vitamin *n* B<sub>2</sub> als zweiter Faktor des Vitamin B-Prinzips; Riboflavin *n* als zweiter Faktor des Vitamin B-Prinzips
- f* vitamine *f* B<sub>2</sub> comme le deuxième facteur du principe vitaminique B; riboflavine *f* comme le deuxième facteur du principe vitaminique B
- p* vitamina *f* B<sub>2</sub> como segundo fator do princípio vitamínico B; riboflavina *f* como segundo fator do princípio vitamínico B
- 6768 vitamin B<sub>2</sub> – riboflavin, hydrosoluble, participates in the cellular respiration** (Vit.)  
(Vitamin physiology, participates as a coenzyme, also in metabolism.)
- d* Vitamin *n* B<sub>2</sub> – Riboflavin *n*, wasserlöslich, nimmt an der Zellatmung teil
- f* vitamine *f* B<sub>2</sub> – riboflavine *f*, hydrosoluble, participe á la respiration cellulaire
- p* vitamina *f* B<sub>2</sub> – riboflavina *f*, hidrossolúvel, participa na respiração celular
- \* **vitamin B<sub>3</sub> → 4329**
- \* **vitamin B<sub>3</sub> formed as degradation product of NAD catabolism → 4336**
- \* **vitamin B<sub>3</sub> metabolism → 4337**
- 6769 vitamin B<sub>5</sub>; pantothenic acid** (Vit.)  
(C<sub>9</sub>H<sub>17</sub>NO<sub>5</sub>; skin treatment: seborrhoea.)
- d* Vitamin *n* B<sub>5</sub>; Pantothensäure *f*
- f* vitamine *f* B<sub>5</sub>; ácido *m* pantothénique
- p* vitamina *f* B<sub>5</sub>; ácido *m* pantotênico
- 6770 vitamin B<sub>5</sub>-deficiency; fatty acid-deficiency** (Vit.)  
(Hair- and fingernail drying. Skin-barrier disorders. Percutaneous application.)
- d* Vitamin B<sub>5</sub>-Mangel *m*; Fettsäure-Mangel *m*
- f* carence *f* en vitamine B<sub>5</sub>; carence *f* en acide gras
- p* carência *f* de vitamina B<sub>5</sub>; carência *f* de ácido graxo
- 6771 vitamin B<sub>5</sub> – fatty acid** (Vit.)  
(Polyunsaturated essential fatty acids, e.g. linoleic acid.)
- d* Vitamin *n* B<sub>5</sub> – Fettsäure *f*
- f* vitamine *f* B<sub>5</sub> – acide *m* gras
- p* vitamina *f* B<sub>5</sub> – ácido *m* graxo
- 6772 vitamin B<sub>5</sub> – pantothenic acid, water soluble, forms the coenzyme A** (Vit.)  
(Vitamin physiology; vitamin B<sub>5</sub> acts in the metabolism carbohydrates, fatty acids and steroid (steroidal) hormones.)
- d* Vitamin *n* B<sub>5</sub> – Pantothensäure *f*, wasserlöslich, bildet das Coenzym A
- f* vitamine *f* B<sub>5</sub> – ácido *m* pantothénique, hydrosoluble, forme la coenzyme A
- p* vitamina *f* B<sub>5</sub> – ácido *m* pantotênico, hidrossolúvel, forma a coenzima A
- 6773 vitamin B<sub>6</sub>; pyridoxine** (Vit.)  
(HCL-form. C<sub>8</sub>H<sub>11</sub>NO<sub>3</sub>.HCl. Treatment of multiple vitamin B complex deficiencies.)
- d* Vitamin *n* B<sub>6</sub>; Pyridoxin *n*
- f* vitamine *f* B<sub>6</sub>; piridoxine *f*
- p* vitamina *f* B<sub>6</sub>; piridoxina *f*
- 6774 vitamin B<sub>6</sub> as coenzyme of proteins** (Vit.)  
(Pyridoxine, coenzyme in the metabolism of carbohydrates, lipids and proteins.)
- d* Vitamin *n* B<sub>6</sub> als Coenzym der Proteine
- f* vitamine *f* B<sub>6</sub> comme coenzyme des protéines
- p* vitamina *f* B<sub>6</sub> als coenzima das proteínas
- 6775 vitamin B<sub>6</sub> deficiency: cause of hypochromic anaemia** (Vit.)  
(Vitamin physiology; anaemia with hemoglobin deficiency.)
- d* Vitamin- B<sub>6</sub>-Mangel *m*: Grund hypochromer Anämie; Vitamin- B<sub>6</sub>-Mangel *m*: Grund hypochromer Blutarmut
- f* carence *f* de la vitamine B<sub>6</sub>: la cause de l'anémie hypochrome
- p* carência *f* de vitamina B<sub>6</sub>: causa de anemia hipocrômica
- 6776 vitamin B<sub>6</sub> – pyridoxine – water soluble** (Vit.)  
(C<sub>8</sub>H<sub>11</sub>NO<sub>3</sub>; of the vitamin B<sub>6</sub> group; a phenolic alcohol, in nature found in cereals, convertible in the body into pyridoxal and pyridoxamine. Used e.g. for skin treatment: seborrhoea.)
- d* Vitamin *n* B<sub>6</sub> – Pyridoxin *n* – wasserlöslich
- f* vitamine *f* B<sub>6</sub> – pyridoxine *f* – hydrosoluble
- p* vitamina *f* B<sub>6</sub> – piridoxina *f* – hidrossolúvel

- 6777 vitamin B<sub>6</sub>, regulator of the synthesis of purine bases**  
(Vit.)  
(Vitamin physiology, ref. to the intervention of the vitamin B<sub>6</sub> group.)
- d* Vitamin *n* B<sub>6</sub>, Regulator der Purinbasen-Synthesen
- f* vitamine *f* B<sub>6</sub>, régulatrice des synthèses des bases puriques
- p* vitamina *f* B<sub>6</sub>, reguladora das sínteses das bases púricas
- 6778 vitamin-based maintenance treatment**  
(Vit.)  
(Treatment form by vitamins in medicine.)
- d* andauernde Pflegebehandlung *f* auf Vitamin-Basis
- f* traitement *m* vitaminique d'entretien
- p* tratamento *m* de sustentação à base de vitaminas
- 6779 vitamin bound by adsorption**  
(Vit.)  
(Generally a liquid vitamin bound to an adsorbate.)
- d* durch Adsorption gebundenes Vitamin *n*
- f* vitamine *f* liée par adsorption
- p* vitamina *f* ligada por adsorção
- 6780 vitamin C acts as antioxidant in beer; ascorbic acid acts as antioxidant in beer**  
(Vit.)  
(Vitamin technology; example of the use of vitamins in the food industry.)
- d* Vitamin *n* C wirkt als Antioxidant in Bier; Ascorbinsäure *f* wirkt als Antioxidant in Bier
- f* vitamine *f* C agit comme d'antioxydant dans la bière; acide *m* ascorbique agit comme d'antioxydant dans la bière
- p* vitamina *f* C atua como antioxidante na cerveja; ácido *m* ascórbico atua como antioxidante na cerveja
- 6781 vitamin C acts as reducing agent**  
(Vit.)  
(Vitamin physiology; ascorbic acid, vitamin C, e.g. protects/stimulates the action of the hydrolases (hydrolytic enzymes).)
- d* Vitamin *n* C wirkt als Reduktor
- f* vitamine *f* C agit comme agent réducteur
- p* vitamina *f* C age como agente redutor
- 6782 vitamin C acts in the lipid/steroid metabolism; ascorbic acid acts in the lipid/steroid metabolism**  
(Vit.)  
(Vitamin physiology; ref. to the biochemical functions of ascorbic acid with hydroxylase enzymes in various metabolisms.)
- d* Vitamin *n* C wirkt mit im Fett/Steroid-Stoffwechsel; Ascorbinsäure *f* wirkt mit im Fett/Steroid-Stoffwechsel
- f* vitamine *f* C agit dans le métabolisme lipidique/stéroïdien; acide *m* ascorbique agit dans le métabolisme lipidique/stéroïdien
- p* vitamina *f* C atua no metabolismo lipídico/e dos esteróides; ácido *m* ascórbico atua no metabolismo lipídico/e dos esteróides
- 6783 vitamin C acts in the synthesis of catecholamines; ascorbic acid acts in the synthesis of catecholamines**  
(Vit.)  
(Vitamin physiology; C<sub>6</sub>H<sub>8</sub>O<sub>6</sub>; also essential e.g. in the formation of the collagenous tissue.)
- d* Vitamin *n* C wirkt in der Synthese der Catecholamine mit; Ascorbinsäure *f* wirkt in der Synthese der Catecholamine mit
- f* vitamine *f* C agit dans la synthèse des catécholamines; acide *m* ascorbique agit dans la synthèse des catécholamines
- p* vitamina *f* C atua na síntese das catecolaminas; ácido *m* ascórbico atua na síntese das catecolaminas
- 6784 vitamin C acts on the immune system**  
(Vit.)  
(Vitamin C reinforces the immune system of the organism.)
- d* Vitamin *n* C wirkt auf das Immunsystem ein
- f* vitamine *f* C agit sur le système immunitaire
- p* vitamina *f* C atua no sistema imunológico
- \* **vitamin C acts with hydroxylase enzymes**  
→ 627
- 6785 vitamin C as an antioxidant nutrient; ascorbic acid as an antioxidant nutrient**  
(Vit.)  
(Vitamin technology and vitamin physiology; vitamin in food industry.)
- d* Vitamin *n* C als ein antioxydierender Nährstoff; Ascorbinsäure *f* als ein antioxydierender Nährstoff
- f* vitamine *f* C en qualité de nutriment antioxydant; acide *m* ascorbique en qualité de nutriment antioxydant
- p* vitamina *f* C como nutriente antioxidante; ácido *m* ascórbico como nutriente antioxidante
- 6786 vitamin C as antidote to scurvy**  
(Vit.)  
(As a drug counteracting scurvy, a vitamin C-deficiency disease.)

- d* Vitamin *n* C als Skorbut-Antidot; Vitamin *n* C als Skorbut-Gegenmittel
- f* vitamine *f* C comme l'antidote du scorbut
- p* vitamina *f* C como antídoto do escorbuto
- 6787 vitamin C as antiscorbutic agent**  
(Vit.)  
(Vitamin physiology; ref. to ascorbic acid C<sub>6</sub>H<sub>8</sub>O<sub>6</sub>.)
- d* Vitamin *n* C als antiskorbutisches Agens; Vitamin *n* C als antiskorbutisches Mittel
- f* vitamine *f* C comme agent antiscorbutique
- p* vitamina *f* C como agente antiescorbútico
- 6788 vitamin C as catalyzer of the oxidation-reduction-processes**  
(Vit.)  
(Vitamin physiology; important ascorbic acid activity in the metabolism of the tissues and the blood.)
- d* Vitamin *n* C als Katalysator in den Oxidations-Reduktions-Prozessen
- f* vitamine *f* C comme catalyseur dans les processus d'oxydoréduction
- p* vitamina *f* C como catalisador nos processos de óxido-redução
- 6789 vitamin C – ascorbic acid acts in the synthesis of catecholamines**  
(Vit.)  
(Vitamin physiology; C<sub>6</sub>H<sub>8</sub>O<sub>6</sub>; also essential e.g. in the formation of the collagenous tissue.)
- d* Vitamin *n* C – Ascorbinsäure *f* wirkt in der Synthese der Catecholamine mit
- f* vitamine *f* C – acide *m* ascorbique agit dans la synthèse des catecholamines
- p* vitamina *f* C – ácido *m* ascórbico atua na síntese das catecolaminas
- 6790 vitamin C – ascorbic acid, water-soluble**  
(Vit.)  
(Vitamin biochemistry; C<sub>6</sub>H<sub>8</sub>O<sub>6</sub>; an antioxidant, sometimes together with vitamin E.)
- d* Vitamin *n* C – Ascorbinsäure *f*, wasserlöslich
- f* vitamine *f* C – acide *m* ascorbique, hydrosoluble
- p* vitamina *f* C – ácido *m* ascórbico, hidrossolúvel
- 6791 vitamin C contributes to the control of blood sugar levels; vitamin C contributes to the control of glycemia**  
(Vit.)  
(Vitamin physiology; vitamin C in diabetes.)
- d* Vitamin *n* C trägt zur Kontrolle des Blutzuckerspiegels bei; Vitamin *n* C trägt zur Kontrolle des Glykämie bei
- f* vitamine *f* C contribue au contrôle de la teneur du sang en glucose; vitamine *f* C contribue au contrôle de la glycémie
- p* vitamina *f* C contribui no controle da taxa de açúcar no sangue; vitamina *f* C contribui no controle da glicemia
- \* **vitamin C contributes to the control of glycemia → 6791**
- 6792 vitamin C decreases the aggregation of blood corpuscles**  
(Vit.)  
(Vitamin physiology.)
- d* Vitamin *n* C vermindert die Aggregation der Blutkörperchen; Vitamin *n* C vermindert die Zusammenlagerung der Blutkörperchen
- f* vitamine *f* C diminue l'agrégation des corpuscules du sang
- p* vitamina *f* C diminui a agregação dos corpúsculos sanguíneos
- 6793 vitamin C-deficiency-disease with bleeding of the gums**  
(Vit.)  
(Vitamin physiology; vitamin C hypovitaminosis; scurvy symptom.)
- d* Vitamin C-Mangel-Erkrankung *f* mit Zahnfleischblutung
- f* maladie *f* carentielle de la vitamine C avec saignement des gencives
- p* doença *f* carencial de vitamina C com sangramento das gengivas
- 6794 vitamin C has an antioxidant effect on cells of the lens of the eye**  
(Vit.)  
(Vitamin physiology; e.g. ref. to cataract (lens opacity) prevention by vitamin C supplementation.)
- d* Vitamin *n* C besitzt eine antioxidierende Wirkung auf die Zellen der Augenlinse
- f* vitamine *f* C possède un effet antioxydant sur les cellules du cristallin de l'œil
- p* vitamina *f* C possui um efeito antioxidante nas células do cristalino do olho
- 6795 vitamin C has antiscorbutic properties**  
(Vit.)  
(Vitamin physiology of ascorbic acid = vitamin C.)
- d* Vitamin *n* C besitzt antiskorbutische Eigenschaften
- f* vitamine *f* C possède des propriétés antiscorbutiques
- p* vitamina *f* C possui propriedades antiescorbúticas



- 6796 vitamin C has beneficial effects on the metabolism of glucose and lipids**  
(Vit.)  
(Vitamin physiology; vitamin C in diabetes.)
- d* Vitamin *n* C hat eine günstige Wirkung auf den Glykose- und Lipidstoffwechsel
  - f* vitamine *f*C à des effets bénéfiques sur le métabolisme du glucose et des lipides
  - p* vitamina *f*C tem efeito benéfico sobre o metabolismo da glicose e dos lipídios
- 6797 vitamin C improves iron absorption, thus preventing iron-deficiency anaemia**  
(Vit.)  
(Vitamin physiology; ref. to iron absorption from foodstuff.)
- d* Vitamin *n* C verbessert die Eisenabsorption, wirkt somit der Eisenmangelanämie vorbeugend
  - f* vitamine *f*C améliore l'absorption du fer, donc prévenant l'anémie par carence en fer
  - p* vitamina *f*C melhora a absorção do ferro, atua assim prevenindo a anemia ferropriva
- 6798 vitamin C increases the production of natural cortisone**  
(Vit.)  
(Vitamin physiology; ref. to the natural suprarenal cortex hormones, "cortisone", see these entries.)
- d* Vitamin *n* C erhöht die Produktion des natürlichen Cortisones
  - f* vitamine *f*C augmente la production de la cortisone naturelle
  - p* vitamina *f*C aumenta a produção de cortisona natural
- 6799 vitamin C in pure form is synthesized from D-glucose**  
(Vit.)  
(Vitamin technology, ref. to ascorbic acid C<sub>6</sub>H<sub>8</sub>O<sub>6</sub>.)
- d* Vitamin *n* C in reiner Form wird von D-Glykose ausgehend synthetisiert
  - f* vitamine *f*C dans une forme pure est synthétisée en partant de la D-glucose
  - p* vitamina *f*C em forma pura é sintetizada a partir da D-glicose
- 6800 vitamin C intervenes in the absorption of metals**  
(Vit.)  
(Vitamin physiology; ref. to vitamin C (ascorbic acid) activity in the organism (body).)
- d* Vitamin *n* C greift in die Aufnahme von Metallen ein
  - f* vitamine *f*C intervient sur l'absorption des métaux
  - p* vitamina *f*C intervem na absorção dos metais
- 6801 vitamin C intervenes into the conversion of folic acid into folinic acid**  
(Vit.)  
(Vitamin physiology; folinic acid (C<sub>20</sub>H<sub>23</sub>N<sub>7</sub>O<sub>7</sub>) is the active form of folic acid (C<sub>19</sub>H<sub>19</sub>N<sub>7</sub>O<sub>6</sub>.)
- d* Vitamin *n* C greift in die Konversion von Folsäure in Folinäure ein; Vitamin *n* C greift in die Umwandlung von Folsäure in Folinäure ein
  - f* vitamine *f*C intervient dans la conversion du acide folique en acide folinique
  - p* vitamina *f*C intervem na conversão do ácido fólico em ácido folínico
- 6802 vitamin C is essential for the build up of the intercellular substance**  
(Vit.)  
(Vitamin physiology; vitamin C (ascorbic acid) biochemistry in the organism.)
- d* Vitamin *n* C ist essenziell für den Aufbau der Zwischenzellsubstanz
  - f* vitamine *f*C est essentielle à la formation de la substance intercellulaire
  - p* vitamina *f*C é essencial na formação da substância intercelular
- 6803 vitamin C is essential for the maintenance of the connective tissue**  
(Vit.)  
(Vitamin physiology; vitamin C – ascorbic acid – biochemistry in the organism.)
- d* Vitamin *n* C ist für die Erhaltung des Bindegewebes wesentlich
  - f* vitamine *f*C est essentielle au maintien du tissu conjonctif
  - p* vitamina *f*C é essencial na manutenção do tecido conjuntivo
- 6804 vitamin C is involved in the synthesis of corticosteroids in form of the redox system**  
(Vit.)  
(Vitamin physiology; vitamin C (ascorbic acid) biochemistry in the organism.)
- d* Vitamin *n* C ist in der Form des Redoxsystems in die Synthese der Corticosteroide verwickelt
  - f* vitamine *f*C prend part à la synthèse des corticostéroïdes dans la forme du système redox
  - p* vitamina *f*C é envolvida na síntese dos corticostiróides em forma de sistema redox

- 6805 vitamin C necessary for the adequate functioning of the immune system**  
(Vit.)  
(Vitamin physiology; ref. to vitamin C (ascorbic acid) in the organism.)  
*d* Vitamin *n* C notwendig für das zweckmäßige Funktionieren des Immunsystems  
*f* vitamine *f*C nécessaire par le fonctionnement adéquat du système immunitaire  
*p* vitamina *f*C necessário para o funcionamento adequado do sistema imunológico
- 6806 vitamin cofactor**  
(Vit.)  
(E.g. ref. to the characteristic of a coenzyme.)  
*d* Vitamin-Cofaktor *m*  
*f* cofacteur *m* vitaminique  
*p* co-fator *m* vitamínico
- 6807 vitamin C offers a protective effect in the pulmonary function**  
(Vit.)  
(Vitamin physiology; e.g. in asthmatic conditions.)  
*d* Vitamin *n* C bietet eine Schutzwirkung in der Lungenfunktion dar  
*f* vitamine *f*C offre un effet protecteur sur la fonction pulmonaire  
*p* vitamina *f*C apresenta efeito protetor na função pulmonar
- 6808 vitamin combination formulation**  
(Vit.)  
(Vitamin technology in pharmaceuticals; ref. to production of pharmaceutical preparations; formulations having several vitamins.)  
*d* Vitamin-Kombinationsformulierung *f*  
*f* formulation *f*de combinaison vitaminique  
*p* formulação *f* vitamínica de combinação
- 6809 vitamin combinations**  
(Vit.)  
(Vitamin technology, e.g. in vitamin preparations.)  
*d* Vitamin-Kombinationen *fpl*  
*f* combinaisons *fpl* vitaminiques  
*p* combinações *fpl* vitamínicas; combinações *fpl* de vitaminas
- 6810 vitamin compensation**  
(Vit.)  
(Vitamin technology.)  
*d* Vitaminausgleich *m*; Vitaminkompensierung *f*  
*f* compensation *f* vitaminique  
*p* compensação *f* vitamínica
- 6811 vitamin complex**  
(Vit.)  
(Vitamin technology.)  
*d* Vitaminkomplex *m*  
*f* complexe *m* vitaminique  
*p* complexo *m* vitamínico
- 6812 vitamin complex of various factors**  
(Vit.)  
(Vitamin biochemistry; e.g. the vitamin B complex.)  
*d* Vitaminkomplex *m* meherer Faktoren  
*f* complexe *m* vitaminique de plusieurs facteurs  
*p* complexo *m* vitamínico de vários fatores
- 6813 vitamin C plays a fundamental role in cicatrization of lesions**  
(Vit.)  
(Vitamin physiology; see entry: biological function of ascorbic acid. Favouring scar (cicatrix) formation, connective, fibrous tissue.)  
*d* Vitamin *n* C spielt eine grundlegende Rolle in der Narbenbildung von Verletzung  
*f* vitamine *f*C joue une rôle fondamentale dans la cicatrisation des lésions  
*p* vitamina *f*C exerce um papel fundamental na cicatrização de feridas
- 6814 vitamin C promotes intestinal iron-absorption**  
(Vit.)  
(Vitamin physiology; ref. to vitamin C (ascorbic acid) activity in the organism (body).)  
*d* Vitamin *n* C fördert die Aufnahme des Eisens durch den Darm  
*f* vitamine *f*C favorise l'absorption intestinale du fer  
*p* vitamina *f*C favorece a absorção intestinal do ferro
- 6815 vitamin C promotes synthesis of collagen; ascorbic acid promotes synthesis of collagen**  
(Vit.)  
(Vitamin physiology; vitamin C in the processes of (skin) healing.)  
*d* Vitamin *n* C fördert die Synthese von Kollagen; Ascorbinsäure *f* fördert die Synthese von Kollagen  
*f* vitamine *f*C stimule la synthèse du collagène; acide *m* ascorbique stimule la synthèse du collagène  
*p* vitamina *f*C promove a síntese do colágeno; ácido *m* ascórbico promove a síntese do colágeno

- 6816 vitamin C promotes the fibre crosslinking; ascorbic acid promotes the fibre crosslinking**  
(Vit.)  
(Vitamin physiology; vitamin C in the processes of (skin) healing.)
- d* Vitamin *n* C fördert die Fasern-Vernetzung; Ascorbinsäure *f* fördert die Fasern-Vernetzung
- f* vitamine *f* C stimule la réticulation des fibres; acide *m* ascorbique stimule la réticulation des fibres
- p* vitamina *f* C promove a reticulação das fibras; ácido *m* ascórbico promove a reticulação das fibras
- 6817 vitamin C-protection against oxidizing agents; ascorbic acid-protection against oxidizing agents**  
(Vit.)  
(Vitamin physiology; ref. to vitamin C and its destructive activity on free radicals in the organism; see entry: biological function of ascorbic acid.)
- d* Vitamin C-Schutz *m* gegen oxidierende Substanzen; Ascorbinsäure-Schutz *m* gegen oxidierende Substanzen
- f* protection *f* de vitamine C contre les oxydants; protection *f* d'acide ascorbique contre les oxydants
- p* proteção *f* pela vitamina C contra os oxidantes; proteção *f* pelo ácido ascórbico contra os oxidantes
- 6818 vitamin cream**  
(Vit.)  
(Esp. a vitamin-reinforced dermatological cream.)
- d* Vitamin-Creme *f*
- f* crème *f* vitaminée
- p* creme *m* vitaminado
- 6819 vitamin C reduces the progressive arterial hardening**  
(Vit.)  
(Vitamin physiology.)
- d* Vitamin *n* C verringert die fortschreitende Verhärtung der Arterien
- f* vitamine *f* C réduit le durcissement progressif des artères
- p* vitamina *f* C reduz o endurecimento progressivo arterial
- 6820 vitamin C stimulates the activity of the bone marrow**  
(Vit.)  
(Vitamin physiology; e.g. erythrocyte (red blood cell) production.)
- d* Vitamin *n* C regt die Aktivität des Knochenmarks an
- f* vitamine *f* C stimule l'activité de la moelle osseuse
- p* vitamina *f* C estimula a atividade da medula óssea
- 6821 vitamin C synthesis**  
(Vit.)  
(Vitamin physiology; impossible in human organism; must be obtained from exogenous sources.)
- d* Vitamin C-Synthese *f*
- f* synthèse *f* de vitamine C
- p* síntese *f* de vitamina C
- 6822 vitamin C taken in high doses improves sperm motility**  
(Vit.)  
(Vitamin physiology; ref. to masculine infertility.)
- d* Vitamin *n* C in hohen Dosen verbessert das Bewegungsvermögen des Spermas
- f* vitamine *f* C en haute doses améliore la motilité du sperme
- p* vitamina *f* C em altas doses melhora a motilidade do esperma
- 6823 vitamin C taken in high doses improves sperm viability**  
(Vit.)  
(Vitamin physiology; ref. to masculine infertility.)
- d* Vitamin *n* C in hohen Dosen verbessert die Lebensfähigkeit des Spermas
- f* vitamine *f* C en haute doses améliore la viabilité du sperme
- p* vitamina *f* C em altas doses melhora a viabilidade do esperma
- 6824 vitamin C to combat free radicals which can destroy the cells**  
(Vit.)  
(Vitamin physiology; see entry: biological function of ascorbic acid. Also: antioxidant activity; see this entry.)
- d* Vitamin *n* C zur Bekämpfung von freien Radikalen, welche die Zellen zerstören können
- f* vitamine *f* C pour le combat des radicaux libres qui peuvent détruire les cellules
- p* vitamina *f* C no combate aos radicais livres que podem destruir as células
- 6825 vitamin D (antirachitic vitamin)**  
(Vit.)  
(Calciferol, ergocalciferol, vitamin D<sub>2</sub>, used in prophylaxis/treatment of vitamin D-deficiencies: rickets, osteomalacia etc.)

- d* Vitamin *n* D (antirachitisches Vitamin)  
*f* vitamine *f*D (vitamine antirachitique)  
*p* vitamina *f*D (vitamina anti-raquitica)
- 6826 vitamin D as an endogenous derivative of cholesterol**  
 (Vit.)  
 (Vitamin physiology; natural derivative produced by the body, having as its origin cholesterol.)  
*d* Vitamin *n* D als körpereigenes Kosterinderivat; Vitamin *n* D als endogenes Chosterinderivat  
*f* vitamine *f*D comme dérivé endogène du cholestérol  
*p* vitamina *f*D como derivado endógeno do colesterol
- 6827 vitamin D compounds are steroidal substances**  
 (Vit.)  
 (Vitamin technology, vitamin biochemistry; vitamins in pharmaceutical drugs.)  
*d* Vitamin D-Verbindungen *fpl* sind steroide Substanzen  
*f* composés *mpl* de la vitamine D sont substances stéroïdes  
*p* compostos *mpl* de la vitamina D são substâncias esteróides
- 6828 vitamin D intervenes in the phosphorus-calcium metabolism**  
 (Vit.)  
 (Vitamin physiology; ref. to vitamin D in the prophylaxis of rickets and osteomalacia (diseases of the bones); see also entry: antirachitic vitamin.)  
*d* Vitamin *n* D greift in den Phosphor-Calcium-Stoffwechsel ein  
*f* vitamine *f*D intervient dans le phosphore-calcium-métabolisme  
*p* vitamina *f*D intervem no metabolismo do fósforo/cálcio
- 6829 vitamin D is decisive in the calcium metabolism**  
 (Vit.)  
 (Vitamin physiology.)  
*d* Vitamin *n* D ist ausschlaggebend im Calciumstoffwechsel  
*f* vitamine *f*D est décisive dans le métabolisme du calcium  
*p* vitamina *f*D é decisiva no metabolismo do cálcio
- 6830 vitamin D participates in the transfer of calcium in the intestine**  
 (Vit.)  
 (Vitamin physiology.)  
*d* Vitamin *n* D nimmt an dem Weitertransport des Calciums im Darm teil  
*f* vitamine *f*D participe à le transfert du calcium dans l'intestin  
*p* vitamina *f*D participa na transferência do cálcio no intestino
- 6831 vitamin D production in the body**  
 (Vit.)  
 (Vitamin physiology; natural overdosage is inhibited by tanning, skin browning by sun exposure; see entry: natural overdosage of a vitamin.)  
*d* Vitamin D-Produktion *f* im Körper  
*f* production *f* de la vitamine D dans le corps  
*p* produção *f* da vitamina D no corpo
- 6832 vitamin D syrup**  
 (Vit.)  
 (A vitamin preparation.)  
*d* Vitamin D-Sirup *m*  
*f* sirop *m* de vitamine D  
*p* xarope *m* de vitamina D
- 6833 vitamin D<sub>2</sub>; ergocalciferol**  
 (Vit.)  
 (C<sub>28</sub>H<sub>44</sub>O; calciferol; plant origin; used in treatment of vitamin D deficiencies, as e.g. in rickets.)  
*d* Vitamin *n* D<sub>2</sub>; Ergocalciferol *n*  
*f* vitamine *f*D<sub>2</sub>; ergocalciférol *m*  
*p* vitamina *f*D<sub>2</sub>; ergocalciferol *m*
- 6834 vitamin D<sub>2</sub>; fat-soluble, converted in a hormone, acting in the calcium metabolism**  
 (Vit.)  
 (Vitamin physiology; ergocalciferol; e.g. promoting intestinal absorption of calcium.)  
*d* Vitamin *n* D<sub>2</sub>; fettlöslich, in ein Hormon umgewandelt, mitwirkend im Calcium-Stoffwechsel  
*f* vitamine *f*D<sub>2</sub>; liposoluble, transformée en hormone, agissante dans le métabolisme du calcium  
*p* vitamina *f*D<sub>2</sub>; lipossolúvel atuante no metabolismo do cálcio
- 6835 vitamin D<sub>2</sub> converted in a hormone**  
 (Vit.)  
 (Vitamin physiology; ergocalciferol; e.g. promoting intestinal absorption of calcium.)  
*d* Vitamin *n* D<sub>2</sub> in ein Hormon umgewandelt  
*f* vitamine *f*D<sub>2</sub> transformée en hormone  
*p* vitamina *f*D<sub>2</sub> convertidos em hormônio

- 6836 vitamin D<sub>3</sub>; cholecalciferol**  
(Vit.)  
(C<sub>27</sub>H<sub>44</sub>O; animal origin; used in treatment of vitamin D deficiencies, as e.g. rickets.)  
*d* Vitamin *n* D<sub>3</sub>; Cholecalciferol *n*  
*f* vitamine *f* D<sub>3</sub>; cholécalciférol *m*  
*p* vitamina *f* D<sub>3</sub>; colecalciferol *m*
- (Vitamin physiology.)  
*d* Vitamin *n* D<sub>3</sub> reguliert die Sekretion des Parathormones  
*f* vitamine *f* D<sub>3</sub> règle la sécrétion du parathormone  
*p* vitamina *f* D<sub>3</sub> regula a secreção do parathormônio
- 6837 vitamin D<sub>3</sub> dry powder cold water dispersible; vitamin D<sub>3</sub> dry powder CWD**  
(Vit.)  
(C<sub>27</sub>H<sub>44</sub>O; vitamin technology; cholecalciferol; nutritional factor for all species; prophylaxis/treatment of vitamin D deficiencies as osteomalacia, rickets, spasmophilia, tetany etc.)  
*d* Vitamin D<sub>3</sub>-Trockenpulver *n* dispergierbar in kaltem Wasser  
*f* vitamine D<sub>3</sub> poudre *f* sèche dispersible dans l'eau froide  
*p* vitamina D<sub>3</sub> pó *m* seco dispersível em água fria
- 6842 vitamin deficiency pathology**  
(Vit.)  
(E.g. scurvy; vitamin C-deficiency. Beriberi; vitamin B<sub>1</sub>-deficiency.)  
*d* Vitaminmangel-Pathologie *f*  
*f* pathologie *f* de carence vitaminique  
*p* patologia *f* de carência vitamínica
- 6843 vitamin deficiency syndrome**  
(Vit.)  
(Ref. to vitamin deficiency diseases.)  
*d* Vitaminmangelsyndrom *n*  
*f* syndrome *m* de carence vitaminique  
*p* síndrome *m* de deficiência de vitaminas
- 6844 vitamin degradation**  
(Vit.)  
(Problem in vitamin technology.)  
*d* Vitaminzerfall *m*  
*f* dégradation *f* de vitamines  
*p* degradação *f* de vitaminas
- 6845 vitamin derivatives**  
(Vit.)  
(Vitamin technology; obtained by molecular modification; destined for special application purposes e.g. in therapeutics.)  
*d* Vitaminderivate *npl*  
*f* dérivés *npl* vitaminiques  
*p* derivados *npl* vitamínicos
- 6846 vitamin derivatives with varying degrees of biochemical effectiveness**  
(Vit.)  
(Vitamin technology, vitamin structure and physiology.)  
*d* Vitamin-Derivate *npl* mit verschiedenen Graden biologischer Wirksamkeit  
*f* dérivés *npl* vitaminiques ayant des degrés variés d'efficacité  
*p* derivados *npl* vitamínicos com variados graus de eficácia
- 6847 vitamin diluted in oils**  
(Vit.)  
(Vitamin technology; a vitamin presentation form.)  
*d* Vitamin *n* in öliger Verdünnung  
*f* vitamine *f* en dilution huileuse  
*p* vitamina *f* em diluição oleosa
- \* vitamin D<sub>3</sub> dry powder CWD → 6837**
- 6838 vitamin D<sub>3</sub> increases the synthesis of ribonucleic acid**  
(Vit.)  
(Vitamin physiology; vitamin D<sub>3</sub> as cholecalciferol in RNA synthesis.)  
*d* Vitamin *n* D<sub>3</sub> erhöht die Synthese der Ribonucleinsäure  
*f* vitamine *f* D<sub>3</sub> augmente la synthèse du ARN  
*p* vitamina *f* D<sub>3</sub> aumenta a síntese do ARN
- 6839 vitamin D<sub>3</sub> is transported on a specific alpha-globulin**  
(Vit.)  
(Vitamin physiology; vitamin transport in the organism.)  
*d* Vitamin *n* D<sub>3</sub> wird von einem spezifischen alpha-Globulin transportiert  
*f* vitamine *f* D<sub>3</sub> est transportée sur une globuline alpha spécifique  
*p* vitamina *f* D<sub>3</sub> é transportada por uma globulina alfa específica
- 6840 vitamin D<sub>3</sub> receptor**  
(Vit.)  
(Vitamin biochemistry; nucleus-receptor of amino acid residues.)  
*d* Vitamin D<sub>3</sub>-Rezeptor *m*  
*f* récepteur *m* de la vitamine D<sub>3</sub>  
*p* receptor *m* da vitamina D<sub>3</sub>
- 6841 vitamin D<sub>3</sub> regulates the secretion of the parathormone**  
(Vit.)

- 6848 vitamin distribution in the organism**  
(Vit.)  
(E.g. in the brain, liver, muscles etc.)  
*d* Vitaminverteilung *f* im Organismus  
*f* distribution *f* des vitamines dans l'organisme  
*p* distribuição *f* das vitaminas no organismo
- 6849 vitamin dose in the final pharmaceutical drug form**  
(Vit.)  
(Vitamin technology in production of pharmaceutical drug forms.)  
*d* Vitamin-Dosis *f* in der endgültigen medikamentösen Form  
*f* dose *f* de vitamines dans la forme medicamenteuse définitive  
*p* dose *f* de vitaminas na forma medicamentosa final
- 6850 vitamin D production as hormone-like endogenous property**  
(Vit.)  
(Vitamin physiology; ref. to vitamin production in the body.)  
*d* Vitamin D-Produktion *f* als hormonartige endogene Eigenschaft  
*f* production *f* de la vitamine D comme propriété endogène semblable aux hormones  
*p* produção *f* de vitamina D como característica endógena semelhante aos hormônios
- 6851 vitamin drug effect**  
(Vit.)  
(Vitamin technology.)  
*d* Vitamin-Arzneimittelwirkung *f*  
*f* effet *m* médicamenteux de la vitamine  
*p* efeito *m* medicamentoso da vitamina
- 6852 vitamin dry powder**  
(Vit.)  
(Vitamin technology; produced from vitamins and e.g. mixing or granulating etc together with auxiliary products.)  
*d* Vitamin-Trockenpulver *n*  
*f* poudre *f* sèche vitaminique  
*p* pó *m* seco de vitaminas
- 6853 vitamin dry powder particle**  
(Vit.)  
(Vitamin technology; constituent of vitamin powder.)  
*d* Partikeln *f* des Vitamin-Trockenpulvers; Teilchen *n* des Vitamin-Trocken-pulvers  
*f* particule *f* de la poudre sèche vitaminique  
*p* partícula *f* do pó seco de vitaminas
- 6854 vitamin E accumulates in the hydrophobic region of the cellular membrane**  
(Vit.)  
(Vitamin physiology; vitamin E acting in the elimination of free radicals.)  
*d* Vitamin *n* E sammelt sich in der hydrophoben Region der Zellmembran na  
*f* vitamine *f* E s'accumule dans la région hydrophobe de la membrane cellulaire  
*p* vitamina *f* E acumula-se na região hidrófoba da membrana celular
- 6855 vitamin E acetate**  
(Vit.)  
(C<sub>31</sub>H<sub>52</sub>O<sub>3</sub>; alpha-tocopheryl acetate.)  
*d* Vitamin E-Acetat *n*  
*f* acétate *m* de vitamine E  
*p* acetato *m* de vitamina E
- 6856 vitamin E – alpha tocopherol, fat-soluble**  
(Vit.)  
(C<sub>29</sub>H<sub>50</sub>O<sub>2</sub>; antisterility vitamin; also: an antioxidant together with vitamin C.)  
*d* Vitamin *n* E – Alpha-Tocopherol *n*, fettlöslich  
*f* vitamine *f* E – alpha-tocophérol *m*, liposoluble  
*p* vitamina *f* E – alfa-tocoferol *m*, lipossoluble
- 6857 vitamin E – alpha tocopherol, having antioxidant properties**  
(Vit.)  
(Vitamin physiology; e.g. protects the cell membranes.)  
*d* Vitamin *n* E – Alpha-Tocopherol *n*, mit antioxidierenden Eigenschaften  
*f* vitamine *f* E – alpha-tocophérol *m*, ayant des propriétés antioxydantes  
*p* vitamina *f* E – alfa-tocoferol *m*, possuindo propriedades antioxydantes
- 6858 vitamin E – alpha tocopherol, protects the cell membranes**  
(Vit.)  
(Vitamin physiology; vitamin E acts as antioxidant.)  
*d* Vitamin *n* E – Alpha-Tocopherol *n*, schützt die Zellmembranen  
*f* vitamine *f* E – alpha-tocophérol *m*, protège les membranes cellulaires  
*p* vitamina *f* E – alfa-tocoferol *m*, protege as membranas celulares
- 6859 vitamin E avoids lipidic peroxidation**  
(Vit.)  
(Vitamin physiology; vitamin E as an antioxidant.)  
*d* Vitamin *n* E verhindert die Lipid-Peroxidation  
*f* vitamine *f* E évite la peroxydation lipidique  
*p* vitamina *f* E evita a peroxidação lipídica

- 6860 vitamin E eliminates the formation of toxic oxidation products**  
(Vit.)  
(Vitamin physiology.)  
*d* Vitamin *n* E beseitigt de Bildung von giftigen Oxidationsprodukten  
*f* vitamine *f*E élimine la formation de produits toxiques de l'oxidation  
*p* vitamina *f*E elimina a formação de produtos tóxicos de oxidação
- 6861 vitamin E favours the storage of vitamin A in the organism**  
(Vit.)  
(Vitamin physiology.)  
*d* Vitamin *n* E fördert die Speicherung von Vitamin A im Organismus  
*f* vitamine *f*E favorise l'emmagasinage de la vitamine A dans l'organisme  
*p* vitamina *f*E favorece o armazenamento da vitamina A no organismo
- 6862 vitamin E involved in reproduction**  
(Vit.)  
(Vitamin physiology.)  
*d* Vitamin *n* E an der Fortpflanzung mit einbegriffen  
*f* vitamine *f*E impliquée dans la reproduction  
*p* vitamina *f*E implicada na reprodução
- \* **vitamin E is absorbed after hydrolysis of the ester** → 307
- \* **vitamin embedding in a matrix** → 6863
- 6863 vitamin embedment in a matrix; vitamin embedding in a matrix**  
(Vit.)  
(Vitamin technology; embedment of vitamins into a gelatin matrix, to avoid interaction of substances.)  
*d* Einlassen *n* von Vitaminen in eine Matriz; Einarbeiten *n* von Vitaminen in eine Matriz  
*f* enrobage *m* des vitamines dans une matrice; enrobement *m* des vitamines dans une matrice  
*p* embutimento *m* das vitaminas numa matriz
- 6864 vitamin E participates in h[a]emoglobin formation**  
(Vit.)  
(Vitamin physiology, ref. to vitamin E activity.)  
*d* Vitamin *n* E nimmt an der Hämoglobin-Bildung teil  
*f* vitamine *f*E participe à la formation de l'hémoglobine  
*p* vitamina *f*E participa na formação da hemoglobina
- 6865 vitamin E protects the cellular membranes against free radicals**  
(Vit.)  
(Vitamin physiology.)  
*d* Vitamin *n* E schützt de Zellmembran gegen die freien Radikale  
*f* vitamine *f*E protège la membrane cellulaire contre les radicaux libres  
*p* vitamina *f*E protege as membranas celulares contra os radicais livres
- \* **vitamin excess dosage** → 6921
- 6866 vitamin F**  
(Vit.)  
(Unsaturated fatty acid, e.g. linoleic acid.)  
*d* Vitamin *n* F  
*f* vitamine *f*F  
*p* vitamina *f*F
- \* **vitamin form stable until a certain degree** → 5272
- 6867 vitamin formulations with copolyvidone**  
(Vit.)  
(Pharmaceutical technology.)  
*d* Vitaminformulierungen *fpl* mit Copolyvidon  
*f* formulations *fpl* de vitamines avec de copolyvidone  
*p* formulações *fpl* vitamínicas com copolividona
- 6868 vitamin granulates**  
(Vit.)  
(Vitamin technology: presentation form of vitamin prime material.)  
*d* Vitamingranulate *npl*  
*f* granulés *mpl* de vitamines  
*p* granulados *mpl* de vitaminas
- 6869 vitamin H; biotin**  
(Vit.)  
(C<sub>10</sub>H<sub>16</sub>N<sub>2</sub>O<sub>3</sub>S.)  
*d* Vitamin *n* H; Biotin *n*  
*f* vitamine *f*H; biotine *f*  
*p* vitamina *f*H; biotina *f*
- 6870 vitamin H as coenzyme of the acetyl coA carboxylase; biotin as coenzyme of the acetyl coA carboxylase**  
(Vit.)  
(The carboxylase (enzyme which catalyzes carboxylation and decarboxylation activities).)  
*d* Vitamin *n* H als Coenzym der Acetyl-CoA-Carboxylase; Biotin *n* als Coenzym der Acetyl-CoA-Carboxylase

- f* vitamine *f*H comme coenzyme de l'acétyl-coA-carboxylase; biotine *f* comme coenzyme de l'acétyl-coA-carboxylase
- p* vitamina *f*H como coenzima da acetil-coA-carboxilase; biotina *f* como coenzima da acetil-coA-carboxilase
- 6871 vitamin H as coenzyme of the methyl crotonyl-coA carboxylase; biotin as coenzyme of the methyl crotonyl-coA carboxylase**  
(Vit.)  
(The carboxylase (enzyme which catalyzes carboxylation and decarboxylation activities).)
- d* Vitamin *n* H als Coenzym der Methyl-Crotonyl-coA-Carboxylase; Biotin *n* als Coenzym der Methyl-Crotonyl-coA-Carboxylase
- f* vitamine *f*H comme coenzyme de la métyl-crotonyl-coA-carboxylase; biotine *f* comme coenzyme de la métyl-crotonyl-coA-carboxylase
- p* vitamina *f*H como coenzima da metil-crotonila-coA-carboxilase; biotina *f* como coenzima da metil-crotonila-coA-carboxilase
- 6872 vitamin H as coenzyme of the propionyl-coA carboxylase; biotin as coenzyme of the propionyl-coA carboxylase**  
(Vit.)  
(The carboxylase (enzyme which catalyzes carboxylation and decarboxylation activities).)
- d* Vitamin *n* H als Coenzym der Propionyl-coA-Carboxylase; Biotin *n* als Coenzym der Propionyl-coA-Carboxylase
- f* vitamine *f*H comme coenzyme de la propionyl-coA-carboxylase; biotine *f* comme coenzyme de la propionyl-coA-carboxylase
- p* vitamina *f*H como coenzima da propionila-coA-carboxilase; biotina *f* como coenzima da propionila-coA-carboxilase
- 6873 vitamin H as coenzyme of the pyruvate carboxylase; biotin as coenzyme of the pyruvate carboxylase**  
(Vit.)  
(The carboxylase (enzyme which catalyzes carboxylation and decarboxylation activities) are present in the intermediary metabolism processes.)
- d* Vitamin *n* H als Coenzym der Pyruvat -Carboxylase; Biotin *n* als Coenzym der Pyruvat-Carboxylase
- f* vitamine *f*H comme coenzyme de la pyruvate-carboxylase; biotine *f* comme coenzyme de la pyruvate-carboxylase
- p* vitamina *f*H como coenzima da carboxilase do piruvato; biotina *f* como coenzima da carboxilase do piruvato
- 6874 vitamin H – biotin, a water-soluble vitamin of the B complex**  
(Vit.)  
(C<sub>10</sub>H<sub>16</sub>N<sub>2</sub>O<sub>3</sub>S; a water-soluble vitamin: one of the two classifications (categories) of vitamins; opposite: fat-soluble (liposoluble) vitamins: A; D; E; F; K.)
- d* Vitamin *n* H – Biotin, ein wasserlösliches Vitamin des B-Komplexes
- f* vitamine *f*H – Biotin, une vitamine hydrosoluble du complexe B
- p* vitamina *f*H – Biotin, uma vitamina hidrossolúvel do complexo B
- 6875 vitamin H-deficiency; biotin deficiency**  
(Vit.)  
(Hairloss and dermatitis symptoms.)
- d* Vitamin H-Mangel *m*; Biotin-Mangel *m*
- f* carence *f* en vitamine H; carence *f* en biotine
- p* carência *f* de vitamina H; carência *f* de biotina
- 6876 vitaminic reaction deficiencies**  
(Vit.)  
(Vitamin physiology; ref. to hypovitaminosis in case of diseases with biochemical deviations in the organism.)
- d* reaktionelle Vitaminmanglerscheinungen *fpl*
- f* carences *fpl* réactionelles des vitamines
- p* carências *fpl* reacionais das vitaminas
- 6877 vitamin inactivation by heat exposure**  
(Vit.)  
(Vitamin technology.)
- d* Inaktivierung *f* des Vitamins durch Wärmeaussetzung; Unwirksammachung *f* des Vitamins durch Wärmeaussetzung
- f* inactivation *f* de la vitamine par l'exposition à la chaleur
- p* inativação *f* da vitamina por exposição ao calor
- 6878 vitamin inactivation by light exposure**  
(Vit.)  
(Vitamin technology.)
- d* Vitamin-Inaktivierung *f* durch Aussetzen an das Licht; Vitamin-Unwirksammachung *f* durch Aussetzen an das Licht
- f* inactivation *f* de la vitamine par l'exposition à la lumière
- p* inativação *f* da vitamina por exposição à luz



- 6879 vitamin inactivation due to exposure to humidity**  
(Vit.)  
(Vitamin technology.)  
*d* Inaktivierung *f* des Vitamins durch Aussetzung an die Feuchtigkeit; Unwirksammachung *f* des Vitamins durch Aussetzung an die Feuchtigkeit  
*f* inactivation *f* de la vitamine par l'exposition à l'humidité  
*p* inativação *f* da vitamina por exposição à umidade
- 6880 vitamin inactivity**  
(Vit.)  
(Vitamin physiology.)  
*d* Vitamin-Unwirksamkeit *f*; Vitamin-Inaktivität *f*  
*f* inactivité *f* de la vitamine  
*p* inatividade *f* da vitamina
- 6881 vitamin in crystalline form**  
(Vit.)  
(Vitamin technology; a vitamin presentation form.)  
*d* Vitamin *n* in kristalliner Form  
*f* vitamine *f* sous la forme de cristaux  
*p* vitamina *f* sob forma cristalina
- 6882 vitamin in fine crystalline form**  
(Vit.)  
(Vitamin technology; a vitamin presentation form.)  
*d* Vitamin *n* in feinkristalliner Form  
*f* vitamine *f* sous forme de cristaux fins  
*p* vitamina *f* sob forma de cristais finos
- 6883 vitamin in form of the pure substance**  
(Vit.)  
(Vitamin technology; a vitamin presentation form.)  
*d* Vitamin *n* in Form der Reinsubstanz  
*f* vitamine *f* sous forme de la substance pure  
*p* vitamina *f* sob forma da substância prima
- 6884 vitamin injections**  
(Vit.)  
(Vitamin technology; e.g. for pharmaceutical use in vitamin deficiencies etc.)  
*d* Vitamineinspritzungen *fpl*; Vitamininjektionen *fpl*  
*f* injections *fpl* de vitamines  
*p* injeções *fpl* de vitaminas
- 6885 vitamin in microcrystalline form**  
(Vit.)  
(Vitamin technology; ref. to production of pharmaceutical preparations.)  
*d* Vitamin *n* in mikrokristalliner Form  
*f* vitamine *f* sous forme microcristalline  
*p* vitamina *f* sob forma microcristalina
- 6886 vitamin instability to oxidizing agents**  
(Vit.)  
(Vitamin technology; e.g. ref. to vitamin E.)  
*d* Vitamin-Instabilität *f* gegenüber oxidierender Substanzen  
*f* instabilité *f* de la vitamine aux oxydants  
*p* instabilidade *f* da vitamina aos oxidantes
- 6887 vitamin interactions in specific enzymes**  
(Vit.)  
(Vitamin physiology; vitamin biochemistry.)  
*d* Zwischenwirkungen *fpl* von Vitaminen mit spezifischen Enzymen  
*f* interactions *fpl* vitaminiques sur de enzymes spécifiques  
*p* interações *fpl* vitamínicas em enzimas específicas
- 6888 vitamin interference**  
(Vit.)  
(Vitamin in enzymology: activity promoted by coenzymes.)  
*d* Interferenz *f* von Vitaminen; Einwirkung *f* von Vitaminen  
*f* interférence *f* vitaminique  
*p* interferência *f* vitamínica
- 6889 vitamin-interference level**  
(Vit.)  
(E.g. ref. to vitamin activity in metabolism.)  
*d* Vitamin-Interferenz-Ebene *f*; Vitamin-Überlagerungsniveau *n*  
*f* niveau *m* d'interférences de la vitamine  
*p* nível *m* de interferência da vitamina
- 6890 vitamin in various particle size distributions**  
(Vit.)  
(Vitamin technology; ref. to vitamin characteristics.)  
*d* Vitamin *n* in unterschiedlichen Korngrößenverteilungen  
*f* vitamine *f* de granulométries différentes  
*p* vitamina *f* de várias granulometrias
- 6891 vitaminized active substances**  
(Vit.)  
(Vitamin technology.)  
*d* vitaminisierte Wirkstoffe *mpl*  
*f* substances *fpl* vitaminisés  
*p* substâncias *fpl* ativas vitaminadas

- 6892 vitamin K**  
(Vit.)  
(Vitamin K<sub>1</sub>: 3-phytylmenadione; phytomenadione; C<sub>31</sub>H<sub>46</sub>O<sub>2</sub>; "Koagulationsvitamin", promotes blood coagulation. Vitamin K<sub>3</sub>: menadione: C<sub>11</sub>H<sub>8</sub>O<sub>2</sub>.)  
*d* Vitamin *n* K  
*f* vitamine *f*K  
*p* vitamina *f*K
- 6893 vitamin K activates the essential factors of coagulation**  
(Vit.)  
(Vitamin physiology; vitamin K in coagulation processes.)  
*d* Vitamin *n* K aktiviert die ausschlaggebenden Faktoren der Koagulation  
*f* vitamine *f*K active les facteurs essentiels de la coagulation  
*p* vitamina *f*K ativa os fatores essenciais da coagulação
- 6894 vitamin K – activator of the prothrombin**  
(Vit.)  
(Vitamin physiology; antihemorrhagic vitamin – vitamin K; the enzyme "thrombin" derives from prothrombin during the blood coagulation process.)  
*d* Vitamin *n* K als Aktivator des Prothrombins  
*f* vitamine *f*K – activateur de la prothrombine  
*p* vitamina *f*K – ativador de la protrombina
- 6895 vitamin K as activator of blood coagulation factors**  
(Vit.)  
(Vitamin physiology; vitamin K (generic denomination) as derivatives of 2-methyl-1,4 naphthoquinone.)  
*d* Vitamin *n* K als Aktivator der Blutkoagulierungs-Faktoren  
*f* vitamine *f*K comme activateur de facteurs de la coagulation sanguine  
*p* vitamina *f*K como ativador dos fatores da coagulação sanguínea
- 6896 vitamin K: coenzyme in the synthesis of coagulation factors**  
(Vit.)  
(Vitamin biochemistry/physiology; ref. to blood clotting factors, vitamin K activity in blood coagulation processes.)  
*d* Vitamin *n* K: Koenzym bei der Synthese von Gerinnungsfaktoren  
*f* vitamine *f*K: coenzyme dans la synthèse des facteurs de la coagulation  
*p* vitamina *f*K: coenzima na síntese de fatores de coagulação
- 6897 vitamin K: coenzyme in the synthesis of prothrombin**  
(Vit.)  
(Vitamin biochemistry/physiology; ref. prothrombin (a plasma glycoprotein) as coagulation factor: vitamin K activity in blood coagulation processes.)  
*d* Vitamin *n* K: Koenzym in der Synthese von Prothrombin  
*f* vitamine *f*K: coenzyme dans la synthèse de la prothrombine  
*p* vitamina *f*K: coenzima na síntese da protrombina
- 6898 vitamin K-deficit leads to h[a]emostasis troubles**  
(Vit.)  
(Vitamin physiology; haemostasis: arrest of bleeding, as vitamin K takes an essential part in the blood coagulation process.)  
*d* Defizit *n* an Vitamin K führt zu Störungen der Hämostase; Defizit *n* an Vitamin K führt zu Störungen der Blutstillung  
*f* déficit *m* en vitamine K conduit à des troubles de l'hémostase  
*p* déficit *m* de vitamina K conduz a perturbações da hemóstase
- 6899 vitamin K-dependent carboxylase**  
(Vit.)  
(Vitamin K physiology.)  
*d* Vitamin K-abhängige Carboxylase  
*f* carboxylase *f* vitamine K-dépendante  
*p* carboxilase *f* vitamina K-dependente
- 6900 vitamin K-dependent coagulation factors**  
(Vit.)  
(Vitamin biochemistry/physiology; ref. to blood clotting factors, vitamin K activity in blood coagulation processes.)  
*d* Vitamin-K-abhängige Gerinnungsfaktoren *mpl*  
*f* facteurs *mpl* de la coagulation vitamine K-dépendantes  
*p* fatores *mpl* de coagulação dependentes da vitamina K
- 6901 vitamin K is implicated in blood coagulation; vitamin K is involved in blood coagulation**  
(Vit.)  
(Vitamin biochemistry/physiology; ref. to vitamin K activity in blood coagulation processes.)  
*d* Vitamin *n* K ist an der Blutgerinnung beteiligt

- f* vitamine *f*K est impliquée dans la coagulation sanguine
- p* vitamina *f*K é implicada na coagulação sanguínea
- 6902 vitamin K originated by intestinal bacterial activity**  
(Vit.)  
(Vitamin physiology; vitamin K origin.)
- d* Vitamin *n* K herkommend von der bakteriellen Aktivität des Darmes
- f* vitamine *f*K provenant de l'activité bactérienne intestinale
- p* vitamina *f*K provindo da atividade bacteriana intestinal
- 6903 vitamin K participates in the formation of bone matter**  
(Vit.)  
(Vitamin physiology.)
- d* Vitamin *n* K nimmt an der Bildung der Knochenmaterie teil
- f* vitamine *f*K participe à la formation de la matière osseuse
- p* vitamina *f*K participa na formação do matéria óssea
- 6904 vitamin K<sub>1</sub> – phyloquinone – of plant origin**  
(Vit.)  
(Vitamin biochemistry; origin of vitamin K<sub>1</sub> = 2-methyl-3-phytyl-1,4-naphthoquinone.)
- d* Vitamin *n* K<sub>1</sub> – Phyllochinon – pflanzlichen Ursprungs
- f* vitamine *f*K<sub>1</sub> – phyloquinone – d'origine végétale
- p* vitamina *f*K<sub>1</sub> – filoquinona – de origem vegetal
- 6905 vitamin K<sub>3</sub>; menaquinone**  
(Vit.)  
(C<sub>11</sub>H<sub>8</sub>O<sub>2</sub>; 2-methyl-1,4-naphthoquinone; used in treatment of hypoprothrombinaemia: deficiency of prothrombin clotting factor.)
- d* Vitamin *n* K<sub>3</sub>; Menaquinon *n*
- f* vitamine *f*K<sub>3</sub>; menaquinone *f*
- p* vitamina *f*K<sub>3</sub>; menaquinona *f*
- \* **vitamin K<sub>3</sub> water-soluble → 4029**
- \* **vitamin K activates the clotting factors → 6906**
- 6906 vitamin K activates the coagulation factors; vitamin K activates the clotting factors**  
(Vit.)  
(Vitamin physiology.)
- d* Vitamin *n* K aktiviert die Koagulationsfaktoren; Vitamin *n* K macht den Blutgerinnungsfaktor reaktionsfähig
- f* vitamine *f*K active les facteurs de coagulation
- p* vitamina *f*K ativa os fatores de coagulação
- 6907 vitamin K – activator of the antih[a]emophilic factor B**  
(Vit.)  
(Vitamin physiology; antihemorrhagic vitamin – vitamin K.)
- d* Vitamin *n* K – Aktivator des antihämophilischen Faktors B
- f* vitamine *f*K – activateur du facteur antihémophilic B
- p* vitamina *f*K – ativador do fator antihemofílico B
- 6908 vitamin key molecules**  
(Vit.)  
(Basic vitamin molecules e.g. used in metabolic processes.)
- d* Vitamin-Schlüsselmoleküle *npl*
- f* molécules *mpl* clés des vitamines
- p* moléculas *fpl* chaves das vitaminas
- \* **vitamin K is involved in blood coagulation → 6901**
- 6909 vitamin level of action**  
(Vit.)  
(Vitamin physiology: vitamin activity in the human body.)
- d* Vitamin-Wirkungsebene *f*
- f* niveau *m* d'action des vitamines
- p* nível *m* de ação das vitaminas
- 6910 vitamin loss in stability test**  
(Vit.)  
(Vitamin technology; ref. to tablet-production method; loss determination after 12 months at a given temperature.)
- d* Vitaminverlust *m* im Stabilitätstest
- f* perte *f* de la vitamine dans l'essai sur la stabilité
- p* perda *f* da vitamina no teste de estabilidade
- 6911 vitamin loss of preparations by relative humidity**  
(Vit.)  
(Vitamin technology; ref. to storage problems.)
- d* Vitaminverlust *m* in Präparaten durch relative Feuchtigkeit
- f* perte *f* des vitamines dans des préparation par l'humidité relative
- p* perda *f* de vitaminas em preparações pela umidade relativa

- 6912 vitamin loss on heat sterilization**  
(Vit.)  
(Vitamin technology; ref. to processes etc.)  
*d* Vitaminverlust *m* bei Hitze-Sterilisation;  
Vitaminverlust *m* bei Hitze-Sterilisierung  
*f* perte *f* vitaminique sous stérilisation par le chauffage  
*p* perda *f* de vitaminas na esterilização por calor
- 6913 vitamin lozenges**  
(Vit.)  
(Vitamin technology; a medical vitamin presentation form.)  
*d* Vitamin-Lutschtabletten *fpl*  
*f* comprimés *mpl* vitaminiques à sucer; tablettes *fpl* vitaminiques à sucer  
*p* pastilhas *fpl* de vitaminas para chupar
- 6914 vitamin lozenges which disintegrate in the mouth**  
(Vit.)  
(Vitamin technology; ref. to product characteristic.)  
*d* Vitamin-Lutschtabletten *fpl* welche sich im Mund auflösen  
*f* tablettes *fpl* vitaminiques qui se désagrègent dans la bouche  
*p* pastilhas *fpl* de vitaminas as quais se desintegram na boca
- \* **vitamin metabolism** → 6915
- 6915 vitamin metabolizing; vitamin metabolism**  
(Vit.)  
(Vitamin physiology; ref. to the metabolism process in the body.)  
*d* Stoffwechsel *m* unterzogenes Vitamin  
*f* métabolisation *f* de la vitamine  
*p* metabolização *f* da vitamina
- 6916 vitamin mixtures**  
(Vit.)  
(Vitamin technology; in drug form, often together with trace elements.)  
*d* Vitaminmischungen *fpl*  
*f* mélanges *mpl* de vitamines  
*p* misturas *fpl* de vitaminas
- 6917 vitamin of pharmaceutical quality**  
(Vit.)  
(Vitamin biochemistry, vitamin purity.)  
*d* Vitamin *n* pharmazeutischer Qualität  
*f* vitamine *f* de qualité pharmaceutique  
*p* vitamina *f* de grau farmacêutico
- 6918 vitaminogenic** *adj*  
(Vit.)
- (Vitamin technology.)  
*d* vitaminursprünglich  
*f* vitaminogène  
*p* vitaminogênico
- 6919 vitaminous** *adj*  
(Vit.)  
(Vitamin technology.)  
*d* vitaminbezüglich  
*f* vitaminique  
*p* vitamínico
- 6920 vitamin overconsumption**  
(Vit.)  
(Vitamin physiology – can lead to hypervitaminoses.)  
*d* Vitamin-Überverbrauch *m*  
*f* surconsommation *f* vitaminique  
*p* superconsumição *f* de vitaminas; superconsumo *m* vitamínico
- 6921 vitamin overdosage; vitamin excess dosage**  
(Vit.)  
(Vitamin technology; excess dosage used in vitamin formulations to counteract concentration decline due to stability problems.)  
*d* Überdosierung *f* an Vitaminen  
*f* dosage *m* vitaminique en surplus  
*p* dosagem *f* excedente de vitaminas
- 6922 vitamin overproduction by bacteria**  
(Vit.)  
(Vitamin technology.)  
*d* Vitamin-Überproduktion *f* durch Bakterien  
*f* surproduction *f* de vitamines par des bactéries; production *f* excédentaire bactérienne de vitamines  
*p* superprodução *f* de vitaminas pelas bactérias
- \* **vitamin oxidation** → 4525
- 6923 vitamin P**  
(Vit.)  
(Flavonoid complex. Permeability vitamin. Antioxidant, favouring capillary permeability.)  
*d* Vitamin *n* P  
*f* vitamine *f* P  
*p* vitamina *f* P
- 6924 vitamin P, as bioflavonoid-complex, inhibits the heavy metal accumulation**  
(Vit.)  
(Vitamin physiology; action of the vitamin P complex of bioflavonoids, reducing this accumulation in the organism of humans.)

- d* Vitamin *n* P, als Bioflavonoidkomplex, hemmt die Ansammlung von Schwermetallen
- f* vitamine *f*P, comme complex de bioflavonoïdes, inhibe l'accumulation de métaux lourds
- p* vitamina *f*P, como complexo de bioflavonoides, inibe a acumulação de metais pesados
- 6925 vitamin P, as bioflavonoid-complex, inhibits the rapid adrenaline oxidation**  
(Vit.)  
(Vitamin physiology; action of the vitamin P complex of bioflavonoids.)
- d* Vitamin *n* P, als Bioflavonoidkomplex, verlangsamt die Adrenalinoxidation
- f* vitamine *f*P, comme complex de bioflavonoïdes, inhibe l'oxydation rapide de l'adrénaline
- p* vitamina *f*P, como complexo de bioflavonoides, inibe a oxidação rápida da adrenalina
- 6926 vitamin P, as bioflavonoid-complex used in vascular diseases**  
(Vit.)  
(Vitamin physiology; also in: diabetes mellitus, allergies, capillary bleeding etc.)
- d* Vitamin *n* P, als Bioflavonoidkomplex in Gefäßkrankheiten eingesetzt
- f* vitamine *f*P, comme complex de bioflavonoïdes employée dans les maladies vasculaires
- p* vitamina *f*P, como complexo de bioflavonoides usada em doenças vasculares
- 6927 vitamin phosphorylation**  
(Vit.)  
(Vitamin physiology.)
- d* Vitamin-Phosphorylierung *f*
- f* phosphorylation *f* des vitamines
- p* fosforilação *f* das vitaminas
- 6928 vitamin P intervenes in the protection of capillary permeability**  
(Vit.)  
(Vitamin physiology; bioflavonoids. Permeability vitamin. Antioxidant, favouring capillary permeability.)
- d* Vitamin *n* P greift schützend in die Kapillar-Durchlässigkeit ein; Vitamin *n* P greift schützend in die Kapillarpermeabilität ein
- f* vitamine *f*P intervient dans la protection de la perméabilité capillaire
- p* vitamina *f*P intervem na proteção da permeabilidade capilar
- 6929 vitamin polytherapy; vitamin therapeutic multiple treatment**  
(Vit.)  
(Vitamin physiology.)
- d* Vitamin-Polytherapie *f*; therapeutische Vitamin-Vielfachbehandlung *f*
- f* polythérapie *f* vitaminique; traitement *m* thérapeutique multiple à vitamines
- p* politerapia *f* vitamínica; tratamento *m* terapêutico múltiplo de vitaminas
- 6930 vitamin potency**  
(Vit.)  
(Vitamin physiology.)
- d* Vitaminwirksamkeit *f*
- f* puissance *f* de la vitamine
- p* potência *f* da vitamina
- 6931 vitamin powder with an acidic taste**  
(Vit.)  
(Vitamin technology; e.g. vitamin B<sub>6</sub> hydrochloride.)
- d* Vitaminpulver *n* mit einem säuerlichen Geschmack
- f* poudre *f* vitaminique d'une saveur acidulée
- p* pó *m* vitamínico de gosto ácido
- \* **vitamin PP** → 4329
- 6932 vitamin PP as the third factor of the vitamin B-principle; niacin as the third factor of the vitamin B-principle; nicotinic acid as the third factor of the vitamin B-principle**  
(Vit.)  
(See entry: nicotinic acid; niacin.)
- d* Vitamin *n* PP als dritter Faktor des Vitamin B-Prinzips; Niacin *n* als dritter Faktor des Vitamin B-Prinzips; Nicotinsäure *f* als dritter Faktor des Vitamin B-Prinzips
- f* vitamine *f*PP comme le deuxième facteur du principe vitaminique B; niacine *f* comme le deuxième facteur du principe vitaminique B; acide *m* nicotinique comme le deuxième facteur du principe vitaminique B
- p* vitamina *f*PP como segundo fator do princípio vitamínico B; niacina *f* como segundo fator do princípio vitamínico B; ácido *m* nicotínico como segundo fator do princípio vitamínico B
- 6933 vitamin PP-nicotinic acid deficiency**  
(Vit.)  
(Hypovitaminosis: Pellagra causing. Seborrhoeic eczema (skin inflammation), light-dermatoses, allergic skin disorders.)
- d* Vitamin PP-Nicotinsäure-Mangel *m*

- f* carence *f* en vitamine PP-acide nicotinique  
*p* carência de vitamina PP-ácido nicotínico
- 6934 vitamin principle**  
 (Vit.)  
 (Vitamin technology/biochemistry.)  
*d* Vitaminprinzip *n*  
*f* principe *m* vitaminique  
*p* principio *m* vitamínico
- 6935 vitamin processing**  
 (Vit.)  
 (Vitamin technology.)  
*d* Vitamin-Verarbeitung *f*  
*f* transformation *f* des vitamines  
*p* transformação *f* de vitaminas;  
 processamento *m* de vitaminas
- 6936 vitamin properties**  
 (Vit.)  
 (Vitamin technology; product characteristics.)  
*d* Eigenschaften *fpl* der Vitamine  
*f* propriétés *fpl* des vitamines  
*p* propriedades *fpl* das vitaminas
- 6937 vitamin requirement**  
 (Vit.)  
 (Ref. to requirements for the metabolism process of the human body.)  
*d* Vitaminbedarf *m*  
*f* besoin *m* en vitamines  
*p* necessidades *fpl* de vitaminas
- 6938 vitamins as antioxydants in metabolic processes**  
 (Vit.)  
 (Vitamin physiology – vitamin activity within the human body.)  
*d* Vitamine *npl* als Antioxydantien in Wechselstoffprozessen  
*f* vitamines *fpl* comme antioxydants dans des processus métaboliques  
*p* vitaminas *fpl* como antioxidantes em processos metabólicos
- 6939 vitamins as biocatalyzers**  
 (Vit.)  
 (Vitamin technology; as active principles, accelerating biochemical reactions.)  
*d* Vitamine *npl* als Biokatalysatoren  
*f* vitamines *fpl* comme biocatalyseurs  
*p* vitaminas *fpl* como biocatalisadores
- 6940 vitamins as dietary supplement**  
 (Vit.)  
 (Vitamin technology in human nutrition.)  
*d* Vitamine *npl* als Diät-Ergänzung
- f* vitamines *fpl* comme supplement des diètes;  
 vitamines *fpl* comme supplement diététique  
*p* vitaminas *fpl* como suplemento das dietas;  
 vitaminas *fpl* como suplemento dietéticos
- 6941 vitamins as essential active principles for the body**  
 (Vit.)  
 (Vitamin physiology; essential: required but not synthesized in the body – essential constituents of the diet.)  
*d* Vitamine *npl* als essentielle Wirkstoffe des Körpers  
*f* vitamines *fpl* comme principes actifs essentiels du corps  
*p* vitaminas *fpl* como princípios ativos essenciais para o corpo
- 6942 vitamins as nonenergetic foodstuff ingredients**  
 (Vit.)  
 (Vitamin physiology/biochemistry.)  
*d* Vitamine *fpl* als nicht energiegeladene Nahrungsmittelzutaten  
*f* vitamines *fpl* comme ingrédients non énergétiques dans les aliments  
*p* vitaminas *fpl* como ingredientes não energéticos nos alimentos
- 6943 vitamins as nutrients**  
 (Vit.)  
 (Vitamin technology in human nutrition.)  
*d* Vitamine *npl* als Nährstoffe  
*f* vitamines *fpl* comme nutriments  
*p* vitaminas *fpl* como nutrientes
- 6944 vitamins as therapeutic agents of prevention**  
 (Vit.)  
 (Vitamin physiology, ref. to vitamin activity in the body.)  
*d* Vitamine *npl* als therapeutische Substanzen der Vorbeugung  
*f* vitamines *fpl* comme agents thérapeutiques de prévention  
*p* vitaminas *fpl* como agentes terapêuticos de prevenção
- \* **vitamins broken down by light** → 6945
- 6945 vitamins decomposed by light; vitamins broken down by light**  
 (Vit.)  
 (Vitamin biochemistry; vitamin sensitivity to light.)  
*d* durch Licht abgebaute Vitamine *npl*  
*f* vitamines *fpl* dégradées par la lumière  
*p* vitaminas *fpl* decompostas pela luz

- 6946 vitamins diluted in oils**  
(Vit.)  
(Vitamin technology; a presentation form of vitamin drugs.)  
*d* Vitamine *npl* in öliger Verdünnung  
*f* vitamines *fpl* en dilution huileuse  
*p* vitaminas *fpl* em diluição oleosa
- 6947 vitamin sensitivity to oxygen**  
(Vit.)  
(Vitamin technology; e.g. vitamin C.)  
*d* Sauerstoffempfindlichkeit *f* der Vitamine  
*f* sensibilité *f* des vitamines en face de l'oxygène  
*p* sensibilidade *f* das vitaminas ao oxigênio
- 6948 vitamins have to be taken in mainly with the diet**  
(Vit.)  
(Vitamin physiology; essential: required but not synthesized in the body – essential constituents of the diet.)  
*d* Vitamine *npl* müssen hauptsächlich mit der Nahrung eingenommen werden  
*f* vitamines *fpl* doivent être pris surtout par la nourriture  
*p* vitaminas *fpl* devem ser tomadas principalmente pela alimentação
- 6949 vitamins in cellular respiration**  
(Vit.)  
(Vitamin physiology.)  
*d* Vitamine *npl* in der Zellatmung  
*f* vitamines *fpl* dans la respiration cellulaire  
*p* vitaminas *fpl* na respiração celular
- 6950 vitamins in the metabolism chain**  
(Vit.)  
(Vitamin physiology; influencing the course of metabolic processes as a whole.)  
*d* Vitamine *npl* in der Stoffwechselkette  
*f* vitamins *mpl* dans la chaîne métabolique  
*p* vitaminas *fpl* na cadeia metabólica
- 6951 vitamins necessary for the human being**  
(Vit.)  
(Vitamin physiology; vitamins act as coenzymes and precursors of coenzymes in the human body and in the regulation of metabolic processes, but they cannot be synthesized in the body.)  
*d* dem Menschen notwendige Vitamine *npl*  
*f* vitamines *fpl* nécessaires à l'homme  
*p* vitaminas *fpl* necessárias para o homem
- 6952 vitamins of the A group**  
(Vit.)  
(Fat-soluble vitamin.)  
*d* Vitamine *npl* der A-Gruppe  
*f* vitamines *fpl* du groupe A  
*p* vitaminas *fpl* do grupo A
- 6953 vitamins of the B-group**  
(Vit.)  
(Water-soluble vitamins.)  
*d* Vitamine *npl* der B-Gruppe  
*f* vitamines *fpl* du groupe B  
*p* vitaminas *fpl* o grupo B
- 6954 vitamin solution**  
(Vit.)  
(Vitamin technology; product form.)  
*d* Vitaminlösung *f*  
*f* solution *f* vitaminique  
*p* solução *f* de vitaminas
- 6955 vitamins produced by microbiological processes**  
(Vit.)  
(Vitamin technology; ref. to the origin of the vitamin.)  
*d* Vitamine *npl* auf mikrobiologischem Wege produziert; Vitamine *npl* durch mikrobiologische Prozesse produziert  
*f* vitamines *fpl* produites par de processus microbiologique  
*p* vitaminas *fpl* produzidas por processo microbiológico
- 6956 vitamin stability**  
(Vit.)  
(Vitamin technology.)  
*d* Vitaminstabilität *f*  
*f* stabilité *f* des vitamines; stabilité *f* vitaminique  
*p* estabilidade *f* das vitaminas; estabilidade *f* vitamínica
- 6957 vitamin stability against cold**  
(Vit.)  
(Vitamin technology.)  
*d* Vitaminstabilität *f* gegen Kälte; Vitaminstabilität *f* bei Kälte  
*f* stabilité *f* des vitamines au froid; stabilité *f* vitaminique au froid  
*p* estabilidade *f* das vitaminas contra frio; estabilidade *f* vitamínica contra frio
- 6958 vitamin storage losses**  
(Vit.)  
(Vitamin technology.)  
*d* Vitaminverluste *mpl* durch Lagerung  
*f* pertes *fpl* de vitamines par stockage  
*p* perdas *fpl* de vitaminas por estocagem

- 6959 vitamin structure**  
(Vit.)  
(Vitamin technology.)  
*d* Vitaminaufbau *m*; Vitaminstruktur *f*  
*f* structure *f* vitaminique  
*p* estrutura *f* da vitamina
- 6960 vitamin substance**  
(Vit.)  
(Vitamin technology; ref. to a substance with vitamin properties.)  
*d* Vitamin-Substanz *f*  
*f* substance *f* vitaminique  
*p* substância *f* vitamínica
- 6961 vitamin substance concentration**  
(Vit.)  
(Vitamin technology; e.g. to vitamin concentration.)  
*d* Vitamin-Wirkstoffkonzentration *f*  
*f* concentration *f* en substances actives vitaminiques  
*p* concentração *f* de substâncias ativas de vitaminas
- 6962 vitamin supply**  
(Vit.)  
(Vitamin physiology; vitamin therapy.)  
*d* Vitaminzufuhr *f*  
*f* apport *m* vitaminique; apport *m* en vitamines  
*p* aporte *m* de vitaminas; aporte *m* vitamínico
- 6963 vitamin supply source**  
(Vit.)  
(Vitamin technology/physiology.)  
*d* Vitaminversorgungsquelle *f*  
*f* source *f* d'approvisionnement en vitamines  
*p* fonte *f* de abastecimento com vitaminas
- 6964 vitamins useable as medicaments**  
(Vit.)  
(Vitamin technology; final vitamin product employable as a medicinal drug.)  
*d* Vitamine *npl* einsetzbar als Medikament  
*f* vitamines *fpl* utilisables comme médicaments  
*p* vitaminas *fpl* utilizáveis como medicamentos
- 6965 vitamin suspension**  
(Vit.)  
(Vitamin technology; suspensions are dispersive systems of insoluble fatty particles above colloidal size in liquids.)  
*d* Vitamin-Suspension *f*  
*f* suspension *f* vitaminique  
*p* suspensão *f* de vitaminas
- 6966 vitamin tablet coatings**  
(Vit.)  
(Vitamin technology; coating increases vitamin stability within the tablet.)  
*d* Vitamintablettenüberzüge *mpl*  
*f* revêtements *mpl* pour comprimés vitaminiques  
*p* revestimentos *mpl* para comprimidos de vitaminas
- 6967 vitamin tablet composition**  
(Vit.)  
(Vitamin technology; ref. to formulation of vitamin drugs.)  
*d* Vitamintablettenkomposition *f*;  
Vitamintablettenzusammensetzung *f*  
*f* composition *f* de comprimés vitaminiques  
*p* composição *f* de comprimidos de vitaminas
- 6968 vitamin tablet disintegrating agent**  
(Vit.)  
(Vitamin technology; a type of polyvinylpyrrolidone, for rapid disintegration of the tablet.)  
*d* Vitamintablettensprenngmittel *n*  
*f* agent *m* de désintégration des comprimés vitaminiques  
*p* agente *m* de desintegração de comprimidos de vitaminas
- 6969 vitamin tablet mixture**  
(Vit.)  
(Vitamin technology; ref. to the mixed constituents of the tablet.)  
*d* Vitamin-Tablettenmischung *f*  
*f* mélange *m* du comprimé vitaminique  
*p* mistura *f* do comprimido de vitaminas
- 6970 vitamin tablets susceptible to less capping**  
(Vit.)  
(Vitamin technology; capping is a structural problem in tablet production.)  
*d* Vitamintabletten *fpl* die weniger dem Abdeckeln unterliegen  
*f* comprimés *mpl* vitaminiques qui s'écaillent moins  
*p* comprimidos *mpl* de vitaminas menos sujeitos ao descamamento
- 6971 vitamin tableting methods**  
(Vit.)  
(Vitamin technology; ref. to tablet elaboration processes.)  
*d* Vitamintablettierung-Methoden *fpl*  
*f* méthodes *fpl* pour la compression de comprimés vitaminiques  
*p* métodos *mpl* de compressão para comprimidos contendo vitaminas



- \* **vitamin therapeutic multiple treatment** → **6929**
- 6972 vitamin therapy**  
(Vit.)  
(Treatment form by vitamins in medicine.)  
*d* Vitamintherapie *f*  
*f* vitamino-thérapie *f*  
*p* vitamino-terapia *f*; terapia *f* à base de vitaminas
- 6973 vitamin transport in the blood plasma**  
(Vit.)  
(Vitamin physiology.)  
*d* Vitamintransport *m* im Blutplasma  
*f* transport *m* plasmatique des vitamines  
*p* transporte *m* plasmático das vitaminas
- 6974 vitamin utilization**  
(Vit.)  
(Vitamin physiology; in therapy for deficiency compensation; in nutrition for deficiency symptom prevention.)  
*d* Verwertung *f* von Vitaminen  
*f* utilisation *f* des vitamines  
*p* utilização *f* das vitaminas
- 6975 vitreous humour of the eye**  
(Anat.)  
(Ref. to jelly material within the posterior chamber of the eye.)  
*d* Glaskörperflüssigkeit *m* des Auges  
*f* humeur *f* vitrée de l'œil  
*p* humor *m* vítreo do olho
- 6976 volatile bodies; volatile particles**  
(Phyto.)  
(Ref. to the composition of essences.)  
*d* flüchtige Körper *mpl*; flüchtige Teilchen *npl*  
*f* corps *mpl* volatils; corpuscules *mpl* volatils  
*p* corpos *mpl* voláteis; partículas *fpl* voláteis (sing.: volátil)
- 6977 volatile messenger molecules**  
(Horm.)  
(Produced by exocrine glands: pheromones; stimulating substance produced by one individual and perceived by other individuals of the same species; target cells are the olfactory neuron[e]s (nerve cells) of this other individual.)  
*d* flüchtige Botenmoleküle *npl*; flüchtige Messengermoleküle *npl*  
*f* molécules *fpl* messagères volatiles  
*p* moléculas *fpl* messageiras voláteis
- \* **volatile particles** → **6976**
- \* **volatile product** → **6978**
- 6978 volatility product; volatile product**  
(Prod.)  
(Pharmaceutical chemistry; ref. to chemical substances easily vaporizable at low temperatures.)  
*d* Flüchtigkeitsprodukt *n*; flüchtiges Produkt *n*  
*f* produit *m* de la volatilité; produit *m* volatil  
*p* produto *m* de volatilidade; produto *m* volátil
- 6979 volemia – secondary hypovolemia with water- and sodium loss, induced by the diuretic**  
(Pharm.)  
(Volemia: total blood volume (blood cells and plasma); ref. to the renal function in diuretic treatment.)  
*d* Volämie *f* – sekundäre Hypovolämie *f* durch das Diuretikum unter Wasser- und Natriumverlust hervorgerufen  
*f* volémie *f* – hypovolémie *f* secondaire induit par le diurétique par la perte de l'eau et de sodium  
*p* volemia *f* – hipovolemia *f* secundária induzida pelo diurético pela perda de água e sódio
- \* **volume of the sample material** → **5529**

## W

- 6980 walls of the arteries**  
(Anat.)  
(Ref. to the structure of the arteries.)  
*d* Artierienwandungen *fpl*  
*f* parois *fpl* artérielles  
*p* paredes *fpl* arteriais
- 6981 water-absorbant effect; water-absorbent effect**  
(Pharm.)  
(Ref. to salts containing medicine; e.g. saline laxatives: alkali-saline (salt of alkali metal), magnesium sulphate salt drug forms.)  
*d* wasserziehender Effekt *m*; wasseransaugende Auswirkung *f*  
*f* effet *m* absorbant de l'eau; effet *m* de l'absorption d'eau  
*p* efeito *m* de absorção de água
- \* **water-absorbent effect** → **6981**
- 6982 water absorption in tablets**  
(Prod.)  
(Pharmaceutical technology; characteristic of certain auxiliaries.)  
*d* Wasseraufnahme *f* in Tabletten; Wasserabsorption *f* in Tabletten  
*f* absorption *f* d'eau dans des comprimés  
*p* absorção *f* de água em comprimidos
- 6983 water absorption of a product**  
(Prod.)  
(Pharmaceutical chemistry; ref. to product characteristics.)  
*d* Wasseraufnahme *f* eines Produktes; Wasserabsorption *f* eines Produktes  
*f* absorption *f* d'eau par un produit  
*p* absorção *f* de água por um produto
- 6984 water adsorption**  
(Prod.)  
(Pharmaceutical chemistry; adhesion of water (H<sub>2</sub>O)- molecules to solid bodies or liquids.)  
*d* Wasser- Adsorption *f*  
*f* adsorption *f* de l'eau  
*p* adsorção *f* de água
- 6985 water affinity; hydrophilicity**  
(Prod.)  
(Pharmaceutical chemistry; product characteristic.)  
*d* Wasseraffinität *f*; Hydrophilie *f*  
*f* affinité *f* pour l'eau; hydrophilie *f*  
*p* hidroafinidade *f*; propriedade *f* hidrófila
- 6986 water/alcohol system**  
(Prod.)  
(Pharmaceutical chemistry.)  
*d* Wasser/Alkohol-System *n*  
*f* système *m* eau/alcool  
*p* sistema *m* água/álcool
- 6987 waterbath**  
(Prod.)  
(Pharmaceutical processes; heat bath type, used e.g. in research and analysis.)  
*d* Wasserbad *n*  
*f* bain-marie *m*  
*p* banho-maria *m*
- 6988 water binding capacity**  
(Prod.)  
(Pharmaceutical technology; characteristic of certain auxiliaries.)  
*d* Wasserbindefähigkeit *f*  
*f* capacité *f* liante de l'eau  
*p* capacidade *f* ligante de água; capacidade *f* de ligação de água
- 6989 water content of cells**  
(Pharm.)  
(Ref. to trace element-activity within the body.)  
*d* Wassergehalt *m* der Zelle  
*f* teneur *f* en eau de la cellule  
*p* teor *m* de água na célula
- 6990 water-dispersed, oil-free vitamin A**  
(Vit.)  
(Vitamin technology; the vitamin A form mostly used in oral/parenteral pharmaceutical preparations.)  
*d* wasserdispertiertes, ölfreies Vitamin *n* A  
*f* vitamine *f* A, dispersée dans l'eau, exempte de huiles  
*p* vitamina *f* A dispersa em água, isenta de óleos
- 6991 water-eliminating effect by resorptive decrease**  
(Pharm.)  
(Ref. to diuretic activity on the kidney.)  
*d* wasserausscheidender Effekt *m* durch Resorptiosverringering  
*f* effet *m* éliminatoire de l'eau par réduction de la résorption  
*p* efeito *m* eliminatório da água por redução da resorção

- 6992 water for injectable solutes**  
(Prod.)  
(Pharmaceutical technology: biologically purified water, free of pyrogens and microorganisms.)  
*d* Wasser *n* für Injektions-Lösungen  
*f* eau *f* pour solutés injectables  
*p* água *f* para solutos injetáveis
- 6993 water hardness; hardness of water**  
(Prod.)  
(Pharmaceutical technology; determined by the presence of calcium/magnesium ions and of dissolved calcium hydrogencarbonate [Ca(HCO<sub>3</sub>)<sub>2</sub>], ref. to temporary hard water removable by boiling; hardness caused by calcium sulphate (CaSO<sub>4</sub>): permanent water hardness)  
*d* Wasserhärte *f*  
*f* dureté *f* de l'eau  
*p* dureza *f* da água
- 6994 water-in-oil emulsion; w/o emulsion**  
(Prod.)  
(Pharmaceutical chemistry; structure-type of emulsions; the other one is: "oil-in-water emulsion; o/w emulsion.")  
*d* Wasser-in-Öl-Emulsion *f*; Wasser/Öl Emulsion *f*; W/Ö Emulsion *f*  
*f* émulsion *f* d'eau dans l'huile; émulsion *f* E/H  
*p* emulsão *f* água em óleo; emulsão *f* a/o
- 6995 water softener**  
(Prod.)  
(Pharmaceutical technology; complexing agents.)  
*d* Wasserenthärter *m*  
*f* agent *m* d'adoucissement d'eau  
*p* agente *m* de amolecimento da água
- 6996 water softening**  
(Prod.)  
(Pharmaceutical technology; elimination of salts, as calcium, iron etc from the water.)  
*d* Wasserenthärtung *f*  
*f* adoucissement *m* de l'eau  
*p* amolecimento *m* da água
- 6997 water softening by decalcification**  
(Prod.)  
(Pharmaceutical technology; ref. to removal of calcium.)  
*d* Wasserenthärtung *f* durch Calciumentzug; Wasserentkalkung *f*  
*f* adoucissement *m* de l'eau par decalcification; decalcification *f* d'eau  
*p* amolecimento *m* da água por descalcificação
- 6998 watersolubility of vitamins in therapeutics**  
(Vit.)  
(Vitamin technology; vitamin B complex.)  
*d* Wasserlöslichkeit *f* von Vitaminen in der Therapeutik  
*f* hydrosolubilité *f* des vitamines dans la thérapeutique  
*p* hidrossolubilidade *f* das vitaminas na terapêutica
- 6999 water-soluble antioxidant**  
(Vit.)  
(Ref. to vitamin activity: e.g. ascorbic acid = vitamin C.)  
*d* wasserlösliches Antioxidant *n*  
*f* antioxydant *m* hydrosoluble  
*p* antioxidante *m* hidrossolúvel
- 7000 water-soluble complex with the active principle**  
(Prod.)  
(Pharmaceutical technology; ability of certain auxiliaries to form these complexes, increasing the water solubility of the active principle.)  
*d* wasserlöslicher Komplex *m* mit dem Wirkstoff  
*f* complexe *m* hydrosoluble avec du principe actif  
*p* complexo *m* hidrossolúvel com o princípio ativo
- 7001 water-soluble film-coating**  
(Vit.)  
(Vitamin technology: In this case a film-coating type of vitamin tablets.)  
*d* wasserlöslicher Dünnschichtüberzug *f*  
*f* revêtement *m* par pellicule hydrosoluble; revêtement *m* par pellicule soluble dans l'eau  
*p* revestimento *m* por película hidrossolúvel; revestimento *m* por película solúvel em água
- 7002 water-soluble formulations with solubilizers**  
(Prod.)  
(Pharmaceutical technology.)  
*d* wasserlösliche Formulationen *fpl* mit Löslichkeitsvermittlern  
*f* formulations *fpl* hydrosolubles avec des solubilisants  
*p* formulações *fpl* hidrossolúveis com solubilizantes
- 7003 water-soluble vitamins**  
(Vit.)  
(Vitamin characteristic (hydrophilic vitamins); ref. to one of the vitamin groups.)  
*d* wasserlösliche Vitamine *npl*

- f* vitamines *fpl* hydrosolubles  
*p* vitaminas *fpl* hidrossolúveis
- 7004 wax emplastrum; cerate**  
 (Prod.)  
 (Pharmaceutical technology; pharmaceutical form for cutaneous application (application on the skin); with addition of medicamentous substances.)  
*d* Wachsheilpflaster *n*; Zerat *n*  
*f* emplâtre *m* de cire; cérat *m*  
*p* emplastro *m* de cera; cerato *m*
- 7005 waxlike powder**  
 (Prod.)  
 (Pharmaceutical chemistry; ref. to product characteristic.)  
*d* wachähnliches Puder *n*  
*f* poudre *f* cireuse  
*p* pó *m* parafinoso
- 7006 way of action of a cytostatic**  
 (Pharm.)  
 (Medicinal drug retarding cell multiplication: in cytostatic (cancer) treatment of tumor cells.)  
*d* Wirkungsweise *f* eines Zytostatikums  
*f* méthode *f* d'action d'un médicament cytostatique  
*p* método *m* de ação de um medicamento citostático
- 7007 way of administering a pharmaceutical form**  
 (Med.)  
 (This depends on the presentation form containing the drug, the medicamentous substances and auxiliaries.)  
*d* Verabreichungsart *f* einer pharmazeutischen Form  
*f* voie *f* d'administration d'une forme pharmaceutique  
*p* via *f* de ministrar uma forma farmacêutica
- 7008 way of digestion**  
 (Pharm.)  
 (Way of entering the human body for most of the tablets, (by direct swallowing) and their way of action, without coming into contact with the mucous membrane of the mouth.)  
*d* Verdauungsweg *m*  
*f* voie *f* digestive  
*p* via *f* digestiva
- 7009 way of fermentation as origin of vitamins**  
 (Vit.)  
 (Vitamin technology/biotechnology: ref. to vitamin B<sub>12</sub>; precursors of vitamins B<sub>2</sub> and C.)
- d* Gärungsweg *m* als Ursprung von Vitaminen  
*f* voie *f* de fermentation dans l'origine de vitamines  
*p* caminho *m* de fermentação na origem de vitaminas
- 7010 way of introduction of a medicament**  
 (Med.)  
 (Ref. to the application of a drug and the way it enters into the body, e.g. avoiding the liver or avoiding the gastrointestinal tract, avoiding the gastric juices etc.)  
*d* Zufuhrweg *m* eines Medikamentes  
*f* voie *f* de l'apport d'un médicament  
*p* via *f* de aporte de um medicamento
- 7011 weak bond**  
 (Mol.)  
 (A type of chemical bonds; see this entry, ref. to van der Waal's force.)  
*d* schwache Bindung *f*  
*f* liaison *f* faible  
*p* ligação *f* fraca
- 7012 weak concentration**  
 (Prod.)  
 (Pharmaceutical chemistry; e.g. ref. to solutions, emulsions, mixtures etc.)  
*d* schwache Konzentration *f*  
*f* concentration *f* faible  
*p* concentração *f* fraca
- 7013 weaken v**  
 (Prod.)  
 (Pharmaceutical chemistry; lab. and production activity: e.g. ref. to an acid.)  
*d* abschwächen  
*f* étendre  
*p* enfraquecer; atenuar
- 7014 weakly bound antibiotic fraction; feebly bound antibiotic fraction**  
 (Ant.)  
 (Ref. to antibiotic binding type on plasma protein.)  
*d* schwachgebundene Antibiotikumfraktion *f*  
*f* fraction *f* antibiotique fixée faiblement (sur la protéine)  
*p* fração *f* antibiótica fixada fracamente (na proteína)
- 7015 weak oxidation**  
 (Prod.)  
 (Pharmaceutical chemistry, ref. to oxidation processes.)  
*d* schwache Oxidation *f*  
*f* oxydation *f* faible  
*p* oxidação *f* fraca

- 7016 weak oxidizing agent**  
(Vit.)  
(E.g. air in vitamin processes/in production of final vitamin forms.)  
*d* schwaches Oxidationsmittel *n*  
*f* oxydant *m* faible  
*p* oxidante *m* fraco
- 7017 weak/strong interactions**  
(Pharm.)  
(Pharmacodynamics; pharmacodynamic characteristic.)  
*d* schwache/starke Wechselwirkungen *fpl*  
*f* interactions *fpl* faibles/fortes  
*p* interações *fpl* fracas/fortes
- 7018 weight control of the tablet**  
(Prod.)  
(Pharmaceutical processes; after tableting: control procedures; determination of the average tablet weight.)  
*d* Gewichtskontrolle *f* der Tablette  
*f* contrôle *m* pondéral du comprimé; contrôle *m* du poids du comprimé  
*p* controle *m* ponderal do comprimido; controle *m* de peso do comprimido
- 7019 weight of tablets**  
(Prod.)  
(Pharmaceutical technology, e.g. tablet aspect.)  
*d* Gewicht *n* der Tabletten; Tablettengewicht *n*  
*f* poids *m* des comprimés  
*p* peso *m* dos comprimidos
- 7020 well-tolerated antibiotic**  
(Ant.)  
(Ref. to the characteristic of certain antibiotics in antibiotherapy.)  
*d* gut verträgliches Antibiotikum *n*  
*f* antibiotique *m* bien tolérable  
*p* antibiótico *m* bem tolerável
- 7021 wet granulation**  
(Prod.)  
(Pharmaceutical technology; granulation process type in tablet production.)  
*d* Feucht-Granulierung *f*; Feuchtgranulierung *f*  
*f* granulation *f* humide  
*p* granulação *f* úmida
- 7022 wet granulation of auxiliaries**  
(Prod.)  
(Pharmaceutical technology: ref. to the production of auxiliaries for tableting via direct compression processes.)  
*d* Feuchtgranulierung *f* von Hilfsmitteln  
*f* granulation *f* humide des adjuvants  
*p* granulação *f* úmida de produtos auxiliares
- 7023 wetting; humidification**  
(Prod.)  
(Pharmaceutical processes.)  
*d* Befeuchtung *f*; Anfeuchtung *f*  
*f* humidification *f*  
*p* umedecimento *m*
- 7024 wetting agent; humidification agent**  
(Prod.)  
(Pharmaceutical technology, auxiliary e.g. in tableting processes.)  
*d* Befeuchter *m*; Befeuchtungsmittel *n*  
*f* mouillant *m*; agent *m* mouillant  
*p* humectante *m*
- 7025 wetting of the powder; humidification of the powder**  
(Prod.)  
(Pharmaceutical processes: ref. to tablet-production, preliminary operations.)  
*d* Befeuchtung *f* des Pulvers  
*f* humectation *f* de la poudre  
*p* umedecimento *m* do pó
- 7026 wetting properties**  
(Prod.)  
(Pharmaceutical chemistry; ref. to surfactants: spreading properties of a liquid, a solution etc.)  
*d* Netzeigenschaften *fpl*  
*f* propriétés *fpl* mouillantes  
*p* propriedades *fpl* de umectação; propriedades *fpl* umectantes
- \* **white blood cell** → 7027
- 7027 white blood corpuscle; white blood cell**  
(Med.)  
(Leucocyte.)  
*d* weißes Blutkörperchen *n*  
*f* globule *m* blanc du sang  
*p* glóbulo *m* branco do sangue
- 7028 white crystals**  
(Prod.)  
(Pharmaceutical chemistry; product characteristic.)  
*d* weiße Kristalle *mpl*  
*f* cristaux *mpl* blancs  
*p* cristais *mpl* brancos
- \* **white willow** → 7029
- \* **wild cotton tincture** → 625
- \* **wild saffron** → 3950

- 7029 willow; white willow**  
(Phyto.)  
(*Salix alba* L.; genus *salix*, family Salicaceae;  
active principles: salicin (C<sub>13</sub>H<sub>18</sub>O<sub>7</sub>);  
analgesic; salicyl alcohol = saliginin (C<sub>7</sub>H<sub>8</sub>O<sub>2</sub>)  
mucous membrane anaesthesia (compare  
salicylic acid: C<sub>7</sub>H<sub>6</sub>O<sub>3</sub>.)  
*d* weiße Weide *f*; Silberweide *f*  
*f* saule *m* blanc  
*p* salgueiro *m* branco; salgueiro *m* alvar
- p* hormônio *m* de contração do útero
- \* **woody nightshade** → 917
- 7030 winterberry tea**  
(Phyto.)  
(Herbal tea of the bark of the black alder;  
"Ilex verticillata", having a laxative  
(constipation relieving) effect.)  
*d* Schwarzerlenrindentee *m*;  
Faulbaumrindentee *m*  
*f* tisane *f* de l'écorce de la bourdaine; tisane *f* de  
l'écorce du aulne noir  
*p* chá *m* da casca do amieiro negro
- \* **witch hazel** → 3003
- 7031 with a range of cation activity**  
(Mol.)  
(Product characteristic.)  
*d* mit unterschiedlicher Kationenaktivität  
*f* à activité cationique différente  
*p* de atividade catiônica diversa
- 7032 withdraw v heat**  
(Prod.)  
(Pharmaceutical processes; ref. to processing  
activities.)  
*d* Wärme abziehen  
*f* soustraire de la chaleur  
*p* subtrair calor
- 7033 without previous granulation**  
(Prod.)  
(Pharmaceutical technology: ref. to tablet-  
production method.)  
*d* ohne vorhergehende Granulierung  
*f* sans granulation préalable  
*p* sem granulação prévia
- \* **w/o emulsion** → 6994
- \* **womb** → 6602
- 7034 womb-contracting hormone**  
(Horm.)  
(See also entry: oxytocin.)  
*d* Hormon *n* der Uterus-Kontraktion *f*;  
Hormon *n* der  
Gebärmutter-Zusammenziehung  
*f* hormone *f* de la contraction de l'utérus

# X

**7035 xanthinoxidase**

(Enz.)

(Enzyme which participates in the formation of uric acid in the metabolism.)

*d* Xanthinoxidase *f**f* xanthinoxidase *f**p* xantino-oxidase *f***7036 xerophthalmia**

(Vit.)

(Vitamin physiology; ref. to the eye: conjunctiva dryness, atrophy with opacity of the cornea: vitamin A deficiency.)

*d* Xerophthalmie *f**f* xérophthalmie *f**p* xeroftalmia *f***7037 xerosis**

(Med.)

(Conjunctiva dryness; e.g. vitamin A deficiency.)

*d* Xerose *f*; Augendarre *f**f* xérose *f**p* xerose *f***7038 xylene; xylol**

(Vit.)

(C<sub>8</sub>H<sub>10</sub>; demethylbenzene; a solvent; e.g.: o-xylol is starting material in the synthesis course of vitamin B<sub>2</sub>, riboflavin.)*d* Xylol *n**f* xylol *m**p* xileno *m***7039 xylitol**

(Prod.)

(Pharmaceutical chemistry; C<sub>5</sub>H<sub>12</sub>O<sub>5</sub>; xylose derivative: sweetening agent in pharmaceutical forms.)*d* Xylit *n**f* xylitol *m**p* xilitol *m***\* xylol → 7038**

## Y

**7040 yeast production by biological procedures**

(Enz.)  
(Biotechnology; example of applied biology  
for industrial production.)

- d* Hefe-Produktion *f* durch biologische  
Verfahren
- f* production *f* de la levure par des procédés  
biologiques
- p* produção *f* de fermento pelos processos  
biológicos; produção *f* de fermento por  
procedimentos biológicos

**7041 yellow gentian**

(Phyto.)  
("Gentiana lutea L, Gentianaceae"; medicinal  
herb used in appetite improving bitter tonics,  
stomachic.)

- d* gelber Enzian *m*
- f* gentiane *f* jaune
- p* genciana *f* amarela

**7042 yellow jasmine**

(Phyto.)  
("Gelsemium sempervirens (L.) Ait.,  
Loganiaceae"; active principle, e.g.  
gelsemine; C<sub>20</sub>H<sub>22</sub>N<sub>2</sub>O<sub>2</sub> use: in neuralgia.)

- d* gelber Jasmin *m*; echter Jasmin *m*
- f* jasmin *m* jaune
- p* jasmim-amarelo *m*

**7043 yohimbine; quebrachine**

(Prod.)  
(C<sub>21</sub>H<sub>26</sub>N<sub>2</sub>O<sub>3</sub>; see entry: derivatives of the  
indole core. Use: aphrodisiac (alpha-  
adrenergic receptor blocker); from the tree  
"Cryanthe yohimbe".)

- d* Yohimbin *n*; Quebrachin *n*
- f* yohimbine *f*
- p* ioimbina *f*

**7044 yohimbine hydrochloride**

(Prod.)  
(C<sub>21</sub>H<sub>26</sub>N<sub>2</sub>O<sub>3</sub>.HCl; alkaloid from "Corynanthe  
johimbe"; see entry: yohimbine;  
quebrachine.)

- d* Yohimbinhydrochlorid *n*
- f* hydrochlorure *m* de l'yohimbine
- p* hidrocloreto *m* de ioimbina



# Z

- 7045 zinc**  
(Enz.)  
(Zn. Microelement; e.g. enzyme-(aldolase) activator in the liver. Also: used in vitamin preparations.)  
*d* Zink *n*  
*f* zinc *m*  
*p* zinco *m*
- 7046 zinc carbonate liniment**  
(Prod.)  
(Pharmaceutical technology; pharmaceutical form (zinc subcarbonate: ca.  $5ZnO \cdot 2CO_3 \cdot 4H_2O$ ) for application (by rubbing) on the skin; skin antiseptic and astringent in inflammatory processes.)  
*d* Zinkcarbonatliniment *n*; Liniment *n* auf Basis von Zinkcarbonat  
*f* liniment *m* au carbonate de zinc  
*p* linimento *m* á base de carbonato e zinco
- 7047 zinc rubber emplastrum**  
(Prod.)  
(Pharmaceutical technology; pharmaceutical form for cutaneous application (application on the skin); skin antiseptic.)  
*d* Zink-Kautschuk-Heilpflaster *n*  
*f* emplâtre *m* caoutchouté de zinc  
*p* emplastro *m* de cauchu com zinco
- \* **zygomatic bone** → 1184
- 7048 zymase**  
(Enz.)  
(Biotechnology; enzyme mixture capable of alcoholic fermentation; German chemists E. and H. Buchner (1897) founded modern enzyme chemistry based on the zymase discovery.)  
*d* Zymase *f*; Gärungsenzyme *npl*  
*f* zymase *f*  
*p* zimase *f*

**Deutsch**

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**Português**

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xarope veiculo de substâncias

ativas 6218

xeroftalmia 7036

xerose 7037

xileno 7038

xilitol 7039

yohimbina 7043

zímase 7048

zinco 7045

zona de amolecimento 5711

zona de inatividade de um

princípio ativo 3392

zona terapêutica de um princípio

ativo 6330