Symbol	Typ	Titel
C	**Sektion**	**CHEMISTRY; METALLURGY**
C07	**Klasse**	**ORGANIC CHEMISTRY (such compounds as the oxides, sulfides, or oxysulfides of carbon, cyanogen, phosgene, hydrocyanic acid or salts thereof C01; products obtained from layered base-exchange silicates by ion-exchange with organic compounds such as ammonium, phosphonium or sulfonium compounds or by intercalation of organic compounds C01B 33/44; macromolecular compounds C08; dyes C09; fermentation products C12; fermentation or enzyme-using processes to synthesise a desired chemical compound or composition or to separate optical isomers from a racemic mixture C12P; production of organic compounds by electrolysis or electrophoresis C25B 3/00 , C25B 7/00) [2]**
C07D	**Unterklasse**	**HETEROCYCLIC COMPOUNDS [2]**
		Heterocyclic compounds having only nitrogen as ring hetero atom [2]
C07D 201/00	**Hauptgruppe**	**Preparation, separation, purification, or stabilisation of unsubstituted lactams [2]**
C07D 201/02	1-Punkt Untergruppe	. Preparation of lactams [2]
C07D 201/04	2-Punkt Untergruppe	. . from or via oximes by Beckmann rearrangement [2]
C07D 201/06	3-Punkt Untergruppe	. . . from ketones by simultaneous oxime formation and rearrangement [2]
C07D 201/08	2-Punkt Untergruppe	. . from carboxylic acids or derivatives thereof, e.g. hydroxy carboxylic acids, lactones, nitriles [2]
C07D 201/10	2-Punkt Untergruppe	. . from cycloaliphatic compounds by simultaneous nitrosylation and rearrangement [2]
C07D 201/12	2-Punkt Untergruppe	. . by depolymerising polyamides [2]
C07D 201/14	1-Punkt Untergruppe	. Preparation of salts or adducts of lactams [2]
C07D 201/16	1-Punkt Untergruppe	. Separation or purification (separation of inorganic salts C01) [2]
C07D 201/18	1-Punkt Untergruppe	. Stabilisation [2]
C07D 203/00	**Hauptgruppe**	**Heterocyclic compounds containing three-membered rings with one nitrogen atom as the only ring hetero atom [2]**
C07D 203/02	1-Punkt Untergruppe	. Preparation by ring-closure [2]
C07D 203/04	1-Punkt Untergruppe	. not condensed with other rings [2]
C07D 203/06	2-Punkt Untergruppe	. . having no double bonds between ring members or between ring members and non-ring members [2]
C07D 203/08	3-Punkt Untergruppe	. . . with only hydrogen atoms, hydrocarbon or substituted hydrocarbon radicals, directly attached to the ring nitrogen atom [2]
C07D 203/10	4-Punkt Untergruppe	. . . . Radicals substituted by singly bound oxygen atoms [2]
C07D 203/12	4-Punkt Untergruppe	. . . . Radicals substituted by nitrogen atoms not forming part of a nitro radical [2]
C07D 203/14	4-Punkt Untergruppe	. . . . with carbocyclic rings directly attached to the ring nitrogen atom [2]
C07D 203/16	3-Punkt Untergruppe	. . . with acylated ring nitrogen atoms [2]
C07D 203/18	4-Punkt Untergruppe	. . . . by carboxylic acids, or by sulfur or nitrogen analogues thereof [2]
C07D 203/20	4-Punkt Untergruppe	. . . . by carbonic acid, or by sulfur or nitrogen analogues thereof, e.g. carbamates [2]
C07D 203/22	3-Punkt Untergruppe	. . . with hetero atoms directly attached to the ring nitrogen atom [2]

Symbol	Typ	Titel
C07D 203/24	4-Punkt Untergruppe	. . . . Sulfur atoms [2]
C07D 203/26	1-Punkt Untergruppe	. condensed with carbocyclic rings or ring systems [2]
C07D 205/00	**Hauptgruppe**	**Heterocyclic compounds containing four-membered rings with one nitrogen atom as the only ring hetero atom [2]**
C07D 205/02	1-Punkt Untergruppe	. not condensed with other rings [2]
C07D 205/04	2-Punkt Untergruppe	. . having no double bonds between ring members or between ring members and non-ring members [2]
C07D 205/06	2-Punkt Untergruppe	. . having one double bond between ring members or between a ring member and a non-ring member [2]
C07D 205/08	3-Punkt Untergruppe	. . . with one oxygen atom directly attached in position 2, e.g. beta-lactams [2]
C07D 205/085	4-Punkt Untergruppe	. . . . with a nitrogen atom directly attached in position 3 [5]
C07D 205/09	4-Punkt Untergruppe	. . . . with a sulfur atom directly attached in position 4 [5]
C07D 205/095	5-Punkt Untergruppe	. . . . . and with a nitrogen atom directly attached in position 3 [5]
C07D 205/10	2-Punkt Untergruppe	. . having two double bonds between ring members or between ring members and non-ring members [2]
C07D 205/12	1-Punkt Untergruppe	. condensed with carbocyclic rings or ring systems [2]
C07D 207/00	**Hauptgruppe**	**Heterocyclic compounds containing five-membered rings not condensed with other rings, with one nitrogen atom as the only ring hetero atom [2]**
C07D 207/02	1-Punkt Untergruppe	. with only hydrogen or carbon atoms directly attached to the ring nitrogen atom [2]
C07D 207/04	2-Punkt Untergruppe	. . having no double bonds between ring members or between ring members and non-ring members [2]
C07D 207/06	3-Punkt Untergruppe	. . . with radicals, containing only hydrogen and carbon atoms, attached to ring carbon atoms [2]
C07D 207/08	3-Punkt Untergruppe	. . . with hydrocarbon radicals, substituted by hetero atoms, attached to ring carbon atoms [2]
C07D 207/09	4-Punkt Untergruppe	. . . . Radicals substituted by nitrogen atoms not forming part of a nitro radical [3]
C07D 207/10	3-Punkt Untergruppe	. . . with hetero atoms or with carbon atoms having three bonds to hetero atoms with at the most one bond to halogen, e.g. ester or nitrile radicals, directly attached to ring carbon atoms [2]
C07D 207/12	4-Punkt Untergruppe	. . . . Oxygen or sulfur atoms [2]
C07D 207/14	4-Punkt Untergruppe	. . . . Nitrogen atoms not forming part of a nitro radical [2]
C07D 207/16	4-Punkt Untergruppe	. . . . Carbon atoms having three bonds to hetero atoms with at the most one bond to halogen, e.g. ester or nitrile radicals [2]
C07D 207/18	2-Punkt Untergruppe	. . having one double bond between ring members or between a ring member and a non-ring member [2]
C07D 207/20	3-Punkt Untergruppe	. . . with only hydrogen atoms, hydrocarbon or substituted hydrocarbon radicals, directly attached to ring carbon atoms [2]
C07D 207/22	3-Punkt Untergruppe	. . . with hetero atoms or with carbon atoms having three bonds to hetero atoms with at the most one bond to halogen, e.g. ester or nitrile radicals, directly attached to ring carbon atoms [2]
C07D 207/24	4-Punkt Untergruppe	. . . . Oxygen or sulfur atoms [2]
C07D 207/26	5-Punkt Untergruppe	. . . . . 2-Pyrrolidones [2]
C07D 207/263	6-Punkt Untergruppe	. . . . . with only hydrogen atoms or radicals containing only hydrogen and carbon atoms directly attached to other ring carbon atoms [3]
C07D 207/267	7-Punkt Untergruppe	. . . . . with only hydrogen atoms or radicals containing only hydrogen and carbon atoms directly attached to the ring nitrogen atom [3]

Symbol	Typ	Titel
C07D 207/27	7-Punkt Untergruppe	. . . . . with substituted hydrocarbon radicals directly attached to the ring nitrogen atom [3]
C07D 207/273	6-Punkt Untergruppe	. . . . . with hetero atoms or with carbon atoms having three bonds to hetero atoms with at the most one bond to halogen, e.g. ester or nitrile radicals, directly attached to other ring carbon atoms [3]
C07D 207/277	7-Punkt Untergruppe	. . . . . Carbon atoms having three bonds to hetero atoms with at the most one bond to halogen, e.g. ester or nitrile radicals [3]
C07D 207/28	8-Punkt Untergruppe	. . . . . 2-Pyrrolidone-5- carboxylic acids; Functional derivatives thereof, e.g. esters, nitriles [2, 3]
C07D 207/30	2-Punkt Untergruppe	. . having two double bonds between ring members or between ring members and non-ring members [2]
C07D 207/32	3-Punkt Untergruppe	. . . with only hydrogen atoms, hydrocarbon or substituted hydrocarbon radicals, directly attached to ring carbon atoms [2]
C07D 207/323	4-Punkt Untergruppe	. . . . with only hydrogen atoms or radicals containing only hydrogen and carbon atoms directly attached to the ring nitrogen atoms [3]
C07D 207/325	4-Punkt Untergruppe	. . . . with substituted hydrocarbon radicals directly attached to the ring nitrogen atom [3]
C07D 207/327	5-Punkt Untergruppe	. . . . . Radicals substituted by carbon atoms having three bonds to hetero atoms with at the most one bond to halogen, e.g. ester or nitrile radicals [3]
C07D 207/33	4-Punkt Untergruppe	. . . . with substituted hydrocarbon radicals, directly attached to ring carbon atoms [3]
C07D 207/333	5-Punkt Untergruppe	. . . . . Radicals substituted by oxygen or sulfur atoms [3]
C07D 207/335	5-Punkt Untergruppe	. . . . . Radicals substituted by nitrogen atoms not forming part of a nitro radical [3]
C07D 207/337	5-Punkt Untergruppe	. . . . . Radicals substituted by carbon atoms having three bonds to hetero atoms with at the most one bond to halogen, e.g. ester or nitrile radicals [3]
C07D 207/34	3-Punkt Untergruppe	. . . with hetero atoms or with carbon atoms having three bonds to hetero atoms with at the most one bond to halogen, e.g. ester or nitrile radicals, directly attached to ring carbon atoms [2]
C07D 207/36	4-Punkt Untergruppe	. . . . Oxygen or sulfur atoms [2]
C07D 207/38	5-Punkt Untergruppe	. . . . . 2-Pyrrolones [2]
C07D 207/40	5-Punkt Untergruppe	. . . . . 2,5-Pyrrolidine-diones [2]
C07D 207/404	6-Punkt Untergruppe	. . . . . with only hydrogen atoms or radicals containing only hydrogen and carbon atoms directly attached to other ring carbon atoms, e.g. succinimide [3]
C07D 207/408	7-Punkt Untergruppe	. . . . . Radicals containing only hydrogen and carbon atoms attached to ring carbon atoms [3]
C07D 207/412	8-Punkt Untergruppe	. . . . . Acyclic radicals containing more than six carbon atoms [3]
C07D 207/416	6-Punkt Untergruppe	. . . . . with hetero atoms or with carbon atoms having three bonds to hetero atoms with at the most one bond to halogen, e.g. ester or nitrile radicals, directly attached to other ring carbon atoms [3]
C07D 207/42	4-Punkt Untergruppe	. . . . Nitro radicals [2]
C07D 207/44	2-Punkt Untergruppe	. . having three double bonds between ring members or between ring members and non-ring members [2]
C07D 207/444	3-Punkt Untergruppe	. . . having two doubly-bound oxygen atoms directly attached in positions 2 and 5 [3]
C07D 207/448	4-Punkt Untergruppe	. . . . with only hydrogen atoms or radicals containing only hydrogen and carbon atoms directly attached to other ring carbon atoms, e.g. maleimide [3]
C07D 207/452	5-Punkt Untergruppe	. . . . . with hydrocarbon radicals, substituted by hetero atoms, directly attached to the ring nitrogen atom [3]
C07D 207/456	4-Punkt Untergruppe	. . . . with hetero atoms or with carbon atoms having three bonds to hetero atoms with at the most one bond to halogen, e.g. ester or nitrile radicals, directly attached to other ring carbon atoms [3]

Symbol	Typ	Titel
C07D 207/46	1-Punkt Untergruppe	. with hetero atoms directly attached to the ring nitrogen atom [2]
C07D 207/48	2-Punkt Untergruppe	. . Sulfur atoms [2]
C07D 207/50	2-Punkt Untergruppe	. . Nitrogen atoms [2]
C07D 209/00	**Hauptgruppe**	**Heterocyclic compounds containing five-membered rings, condensed with other rings, with one nitrogen atom as the only ring hetero atom [2]**
C07D 209/02	1-Punkt Untergruppe	. condensed with one carbocyclic ring [2]
C07D 209/04	2-Punkt Untergruppe	. . Indoles; Hydrogenated indoles [2]
C07D 209/06	3-Punkt Untergruppe	. . . Preparation of indole from coal-tar [2]
C07D 209/08	3-Punkt Untergruppe	. . . with only hydrogen atoms or radicals containing only hydrogen and carbon atoms, directly attached to carbon atoms of the hetero ring [2]
C07D 209/10	3-Punkt Untergruppe	. . . with substituted hydrocarbon radicals attached to carbon atoms of the hetero ring [2]
C07D 209/12	4-Punkt Untergruppe	. . . . Radicals substituted by oxygen atoms [2]
C07D 209/14	4-Punkt Untergruppe	. . . . Radicals substituted by nitrogen atoms, not forming part of a nitro radical [2]
C07D 209/16	5-Punkt Untergruppe	. . . . . Tryptamines [2]
C07D 209/18	4-Punkt Untergruppe	. . . . Radicals substituted by carbon atoms having three bonds to hetero atoms with at the most one bond to halogen, e.g. ester or nitrile radicals [2]
C07D 209/20	5-Punkt Untergruppe	. . . . . substituted additionally by nitrogen atoms, e.g. tryptophane [2]
C07D 209/22	5-Punkt Untergruppe	. . . . . with an aralkyl radical attached to the ring nitrogen atom [2]
C07D 209/24	5-Punkt Untergruppe	. . . . . with an alkyl or cycloalkyl radical attached to the ring nitrogen atom [2]
C07D 209/26	5-Punkt Untergruppe	. . . . . with an acyl radical attached to the ring nitrogen atom [2]
C07D 209/28	6-Punkt Untergruppe	. . . . . 1-(4-Chlorobenzoyl)-2-methyl- indolyl-3-acetic acid, substituted in position 5 by an oxygen or nitrogen atom; Esters thereof [2]
C07D 209/30	3-Punkt Untergruppe	. . . with hetero atoms or with carbon atoms having three bonds to hetero atoms with at the most one bond to halogen, directly attached to carbon atoms of the hetero ring [2]
C07D 209/32	4-Punkt Untergruppe	. . . . Oxygen atoms [2]
C07D 209/34	5-Punkt Untergruppe	. . . . . in position 2 [2]
C07D 209/36	5-Punkt Untergruppe	. . . . . in position 3, e.g. adrenochrome [2]
C07D 209/38	5-Punkt Untergruppe	. . . . . in positions 2 and 3, e.g. isatin [2]
C07D 209/40	4-Punkt Untergruppe	. . . . Nitrogen atoms, not forming part of a nitro radical, e.g. isatin semicarbazone [2]
C07D 209/42	4-Punkt Untergruppe	. . . . Carbon atoms having three bonds to hetero atoms with at the most one bond to halogen, e.g. ester or nitrile radicals [2]
C07D 209/43	3-Punkt Untergruppe	. . . with an -OCH_2_CH(OH)CH_2_NH_2_ radical, which may be further substituted, attached in positions 4, 5, 6 or 7 [5]
C07D 209/44	2-Punkt Untergruppe	. . Iso-indoles; Hydrogenated iso-indoles [2]
C07D 209/46	3-Punkt Untergruppe	. . . with an oxygen atom in position 1 [2]
C07D 209/48	3-Punkt Untergruppe	. . . with oxygen atoms in positions 1 and 3, e.g. phthalimide [2]

Symbol	Typ	Titel
C07D 209/49	4-Punkt Untergruppe	. . . . and having in the molecule an acyl radical containing a saturated three-membered ring, e.g. chrysanthemumic acid esters [5]
C07D 209/50	3-Punkt Untergruppe	. . . with oxygen and nitrogen atoms in positions 1 and 3 [2]
C07D 209/52	2-Punkt Untergruppe	. . condensed with a ring other than six-membered [2]
C07D 209/54	2-Punkt Untergruppe	. . Spiro-condensed [2]
C07D 209/56	1-Punkt Untergruppe	. Ring systems containing three or more rings [2]
C07D 209/58	2-Punkt Untergruppe	. . [b]- or [c]-condensed [2]
C07D 209/60	3-Punkt Untergruppe	. . . Naphtho [b] pyrroles; Hydrogenated naphtho [b] pyrroles [2]
C07D 209/62	3-Punkt Untergruppe	. . . Naphtho [c] pyrroles; Hydrogenated naphtho [c] pyrroles [2]
C07D 209/64	4-Punkt Untergruppe	. . . . with an oxygen atom in position 1 [2]
C07D 209/66	4-Punkt Untergruppe	. . . . with oxygen atoms in positions 1 and 3 [2]
C07D 209/68	4-Punkt Untergruppe	. . . . with oxygen and nitrogen atoms in positions 1 and 3 [2]
C07D 209/70	3-Punkt Untergruppe	. . . containing carbocyclic rings other than six-membered [2]
C07D 209/72	3-Punkt Untergruppe	. . . 4,7-Endo-alkylene-iso-indoles [2]
C07D 209/74	4-Punkt Untergruppe	. . . . with an oxygen atom in position 1 [2]
C07D 209/76	4-Punkt Untergruppe	. . . . with oxygen atoms in positions 1 and 3 [2]
C07D 209/78	4-Punkt Untergruppe	. . . . with oxygen and nitrogen atoms in positions 1 and 3 [2]
C07D 209/80	2-Punkt Untergruppe	. . [b, c]- or [b, d]-condensed [2]
C07D 209/82	3-Punkt Untergruppe	. . . Carbazoles; Hydrogenated carbazoles [2]
C07D 209/84	4-Punkt Untergruppe	. . . . Separation, e.g. from tar; Purification [2]
C07D 209/86	4-Punkt Untergruppe	. . . . with only hydrogen atoms, hydrocarbon or substituted hydrocarbon radicals, directly attached to carbon atoms of the ring system [2]
C07D 209/88	4-Punkt Untergruppe	. . . . with hetero atoms or with carbon atoms having three bonds to hetero atoms with at the most one bond to halogen, e.g. ester or nitrile radicals, directly attached to carbon atoms of the ring system [2]
C07D 209/90	3-Punkt Untergruppe	. . . Benzo [c, d] indoles; Hydrogenated benzo [c, d] indoles [2]
C07D 209/92	4-Punkt Untergruppe	. . . . Naphthostyrils [2]
C07D 209/94	3-Punkt Untergruppe	. . . containing carbocyclic rings other than six-membered [4]
C07D 209/96	2-Punkt Untergruppe	. . Spiro-condensed ring systems [2]
C07D 211/00	**Hauptgruppe**	**Heterocyclic compounds containing hydrogenated pyridine rings, not condensed with other rings [2]**
C07D 211/02	1-Punkt Untergruppe	. Preparation by ring-closure or hydrogenation [2]
C07D 211/04	1-Punkt Untergruppe	. with only hydrogen or carbon atoms directly attached to the ring nitrogen atom [2]
C07D 211/06	2-Punkt Untergruppe	. . having no double bonds between ring members or between ring members and non-ring members [2]
C07D 211/08	3-Punkt Untergruppe	. . . with hydrocarbon or substituted hydrocarbon radicals directly attached to ring carbon atoms [2, 3]

Symbol	Typ	Titel
C07D 211/10	4-Punkt Untergruppe	. . . . with radicals containing only carbon and hydrogen atoms attached to ring carbon atoms [2, 3]
C07D 211/12	5-Punkt Untergruppe	. . . . . with only hydrogen atoms attached to the ring nitrogen atom [2, 3]
C07D 211/14	5-Punkt Untergruppe	. . . . . with hydrocarbon or substituted hydrocarbon radicals attached to the ring nitrogen atom [2]
C07D 211/16	5-Punkt Untergruppe	. . . . . with acylated ring nitrogen atom [2]
C07D 211/18	4-Punkt Untergruppe	. . . . with substituted hydrocarbon radicals attached to ring carbon atoms [2]
C07D 211/20	5-Punkt Untergruppe	. . . . . with hydrocarbon radicals, substituted by singly bound oxygen or sulfur atoms (bound to the same carbon atom C07D 211/30) [2]
C07D 211/22	6-Punkt Untergruppe	. . . . . by oxygen atoms [2]
C07D 211/24	6-Punkt Untergruppe	. . . . . by sulfur atoms to which a second hetero atom is attached [2]
C07D 211/26	5-Punkt Untergruppe	. . . . . with hydrocarbon radicals, substituted by nitrogen atoms [2]
C07D 211/28	6-Punkt Untergruppe	. . . . . to which a second hetero atom is attached [2]
C07D 211/30	5-Punkt Untergruppe	. . . . . with hydrocarbon radicals, substituted by doubly bound oxygen or sulfur atoms or by two oxygen or sulfur atoms singly bound to the same carbon atom [2]
C07D 211/32	6-Punkt Untergruppe	. . . . . by oxygen atoms [2]
C07D 211/34	5-Punkt Untergruppe	. . . . . with hydrocarbon radicals, substituted by carbon atoms having three bonds to hetero atoms with at the most one bond to halogen, e.g. ester or nitrile radicals [2]
C07D 211/36	3-Punkt Untergruppe	. . . with hetero atoms or with carbon atoms having three bonds to hetero atoms with at the most one bond to halogen, e.g. ester or nitrile radicals, directly attached to ring carbon atoms [2]
C07D 211/38	4-Punkt Untergruppe	. . . . Halogen atoms or nitro radicals [2]
C07D 211/40	4-Punkt Untergruppe	. . . . Oxygen atoms [2]
C07D 211/42	5-Punkt Untergruppe	. . . . . attached in position 3 or 5 [2]
C07D 211/44	5-Punkt Untergruppe	. . . . . attached in position 4 [2]
C07D 211/46	6-Punkt Untergruppe	. . . . . having a hydrogen atom as the second substituent in position 4 [2]
C07D 211/48	6-Punkt Untergruppe	. . . . . having an acyclic carbon atom attached in position 4 [2]
C07D 211/50	7-Punkt Untergruppe	. . . . . Aroyl radical [2]
C07D 211/52	6-Punkt Untergruppe	. . . . . having an aryl radical as the second substituent in position 4 [2]
C07D 211/54	4-Punkt Untergruppe	. . . . Sulfur atoms [2]
C07D 211/56	4-Punkt Untergruppe	. . . . Nitrogen atoms (nitro radicals C07D 211/38) [2]
C07D 211/58	5-Punkt Untergruppe	. . . . . attached in position 4 [2]
C07D 211/60	4-Punkt Untergruppe	. . . . Carbon atoms having three bonds to hetero atoms with at the most one bond to halogen, e.g. ester or nitrile radicals [2]
C07D 211/62	5-Punkt Untergruppe	. . . . . attached in position 4 [2]
C07D 211/64	6-Punkt Untergruppe	. . . . . having an aryl radical as the second substituent in position 4 [2]
C07D 211/66	6-Punkt Untergruppe	. . . . . having a hetero atom as the second substituent in position 4 [2]

Symbol	Typ	Titel
C07D 211/68	2-Punkt Untergruppe	. . having one double bond between ring members or between a ring member and a non-ring member [2]
C07D 211/70	3-Punkt Untergruppe	. . . with only hydrogen atoms, hydrocarbon or substituted hydrocarbon radicals, directly attached to ring carbon atoms [2]
C07D 211/72	3-Punkt Untergruppe	. . . with hetero atoms or with carbon atoms having three bonds to hetero atoms, with at the most one bond to halogen, directly attached to ring carbon atoms [2]
C07D 211/74	4-Punkt Untergruppe	. . . . Oxygen atoms [2]
C07D 211/76	5-Punkt Untergruppe	. . . . . attached in position 2 or 6 [2]
C07D 211/78	4-Punkt Untergruppe	. . . . Carbon atoms having three bonds to hetero atoms with at the most one bond to halogen [2]
C07D 211/80	2-Punkt Untergruppe	. . having two double bonds between ring members or between ring members and non-ring members [2]
C07D 211/82	3-Punkt Untergruppe	. . . with only hydrogen atoms, hydrocarbon or substituted hydrocarbon radicals, directly attached to ring carbon atoms [2]
C07D 211/84	3-Punkt Untergruppe	. . . with hetero atoms or with carbon atoms having three bonds to hetero atoms with at the most one bond to halogen, directly attached to ring carbon atoms [2]
C07D 211/86	4-Punkt Untergruppe	. . . . Oxygen atoms [2]
C07D 211/88	5-Punkt Untergruppe	. . . . . attached in positions 2 and 6, e.g. glutarimide [2]
C07D 211/90	4-Punkt Untergruppe	. . . . Carbon atoms having three bonds to hetero atoms with at the most one bond to halogen [2]
C07D 211/92	1-Punkt Untergruppe	. with a hetero atom directly attached to the ring nitrogen atom [2]
C07D 211/94	2-Punkt Untergruppe	. . Oxygen atom, e.g. piperidine N-oxide [2]
C07D 211/96	2-Punkt Untergruppe	. . Sulfur atom [2]
C07D 211/98	2-Punkt Untergruppe	. . Nitrogen atom [2]
C07D 213/00	**Hauptgruppe**	**Heterocyclic compounds containing six-membered rings, not condensed with other rings, with one nitrogen atom as the only ring hetero atom and three or more double bonds between ring members or between ring members and non-ring members [2]**
C07D 213/02	1-Punkt Untergruppe	. having three double bonds between ring members or between ring members and non-ring members [2]
C07D 213/04	2-Punkt Untergruppe	. . having no bond between the ring nitrogen atom and a non-ring member or having only hydrogen or carbon atoms directly attached to the ring nitrogen atom [2]
C07D 213/06	3-Punkt Untergruppe	. . . containing only hydrogen and carbon atoms in addition to the ring nitrogen atom [2]
C07D 213/08	4-Punkt Untergruppe	. . . . Preparation by ring-closure [2]
C07D 213/09	5-Punkt Untergruppe	. . . . . involving the use of ammonia, amines, amine salts, or nitriles [3]
C07D 213/10	6-Punkt Untergruppe	. . . . . from acetaldehyde or cyclic polymers thereof [3]
C07D 213/12	6-Punkt Untergruppe	. . . . . from unsaturated compounds [3]
C07D 213/127	4-Punkt Untergruppe	. . . . Preparation from compounds containing pyridine rings [3]
C07D 213/133	4-Punkt Untergruppe	. . . . Preparation by dehydrogenation of hydrogenated pyridine compounds [3]
C07D 213/14	4-Punkt Untergruppe	. . . . Preparation from compounds containing heterocyclic oxygen [2]
C07D 213/16	4-Punkt Untergruppe	. . . . containing only one pyridine ring [2]
C07D 213/18	5-Punkt Untergruppe	. . . . . Salts thereof [2]

Symbol	Typ	Titel
C07D 213/20	5-Punkt Untergruppe	. . . . . Quaternary compounds thereof [2]
C07D 213/22	4-Punkt Untergruppe	. . . . containing two or more pyridine rings directly linked together, e.g. bipyridyl [2]
C07D 213/24	3-Punkt Untergruppe	. . . with substituted hydrocarbon radicals attached to ring carbon atoms [2]
C07D 213/26	4-Punkt Untergruppe	. . . . Radicals substituted by halogen atoms or nitro radicals [2]
C07D 213/28	4-Punkt Untergruppe	. . . . Radicals substituted by singly-bound oxygen or sulfur atoms (bound to the same carbon atom C07D 213/44) [2]
C07D 213/30	5-Punkt Untergruppe	. . . . . Oxygen atoms [2]
C07D 213/32	5-Punkt Untergruppe	. . . . . Sulfur atoms [2]
C07D 213/34	6-Punkt Untergruppe	. . . . . to which a second hetero atom is attached [2]
C07D 213/36	4-Punkt Untergruppe	. . . . Radicals substituted by singly-bound nitrogen atoms (nitro radicals C07D 213/26) [2]
C07D 213/38	5-Punkt Untergruppe	. . . . . having only hydrogen or hydrocarbon radicals attached to the substituent nitrogen atom [2]
C07D 213/40	5-Punkt Untergruppe	. . . . . Acylated substituent nitrogen atom [2]
C07D 213/42	5-Punkt Untergruppe	. . . . . having hetero atoms attached to the substituent nitrogen atom (nitro radicals C07D 213/26) [2]
C07D 213/44	4-Punkt Untergruppe	. . . . Radicals substituted by doubly-bound oxygen, sulfur, or nitrogen atoms, or by two such atoms singly-bound to the same carbon atom [2]
C07D 213/46	5-Punkt Untergruppe	. . . . . Oxygen atoms [2]
C07D 213/48	6-Punkt Untergruppe	. . . . . Aldehydo radicals [2]
C07D 213/50	6-Punkt Untergruppe	. . . . . Ketonic radicals [2]
C07D 213/51	6-Punkt Untergruppe	. . . . . Acetal radicals [2]
C07D 213/52	5-Punkt Untergruppe	. . . . . Sulfur atoms [2]
C07D 213/53	5-Punkt Untergruppe	. . . . . Nitrogen atoms [2]
C07D 213/54	4-Punkt Untergruppe	. . . . Radicals substituted by carbon atoms having three bonds to hetero atoms with at the most one bond to halogen, e.g. ester or nitrile radicals [2]
C07D 213/55	5-Punkt Untergruppe	. . . . . Acids; Esters [2]
C07D 213/56	5-Punkt Untergruppe	. . . . . Amides [2]
C07D 213/57	5-Punkt Untergruppe	. . . . . Nitriles [2]
C07D 213/58	5-Punkt Untergruppe	. . . . . Amidines [2]
C07D 213/59	5-Punkt Untergruppe	. . . . . with at least one of the bonds being to sulfur [2]
C07D 213/60	3-Punkt Untergruppe	. . . with hetero atoms or with carbon atoms having three bonds to hetero atoms with at the most one bond to halogen, e.g. ester or nitrile radicals, directly attached to ring carbon atoms [2]
C07D 213/61	4-Punkt Untergruppe	. . . . Halogen atoms or nitro radicals [2]
C07D 213/62	4-Punkt Untergruppe	. . . . Oxygen or sulfur atoms [2]
C07D 213/63	5-Punkt Untergruppe	. . . . . One oxygen atom [2]
C07D 213/64	6-Punkt Untergruppe	. . . . . attached in position 2 or 6 [2]

Symbol	Typ	Titel
C07D 213/643	7-Punkt Untergruppe	. . . . . 2-Phenoxypyridines; Derivatives thereof [5]
C07D 213/647	7-Punkt Untergruppe	. . . . . and having in the molecule an acyl radical containing a saturated three-membered ring, e.g. chrysanthemumic acid esters [5]
C07D 213/65	6-Punkt Untergruppe	. . . . . attached in position 3 or 5 [2]
C07D 213/66	7-Punkt Untergruppe	. . . . . having in position 3 an oxygen atom and in each of the positions 4 and 5 a carbon atom bound to an oxygen, sulfur, or nitrogen atom, e.g. pyridoxal [2]
C07D 213/67	8-Punkt Untergruppe	. . . . . 2-Methyl-3-hydroxy-4,5-bis (hydroxy-methyl) pyridine, i.e. pyridoxine [2]
C07D 213/68	6-Punkt Untergruppe	. . . . . attached in position 4 [2]
C07D 213/69	5-Punkt Untergruppe	. . . . . Two or more oxygen atoms [2]
C07D 213/70	5-Punkt Untergruppe	. . . . . Sulfur atoms [4]
C07D 213/71	6-Punkt Untergruppe	. . . . . to which a second hetero atom is attached [4]
C07D 213/72	4-Punkt Untergruppe	. . . . Nitrogen atoms (nitro radicals C07D 213/61) [2]
C07D 213/73	5-Punkt Untergruppe	. . . . . Unsubstituted amino or imino radicals [2]
C07D 213/74	5-Punkt Untergruppe	. . . . . Amino or imino radicals substituted by hydrocarbon or substituted hydrocarbon radicals [2]
C07D 213/75	5-Punkt Untergruppe	. . . . . Amino or imino radicals, acylated by carboxylic or carbonic acids, or by sulfur or nitrogen analogues thereof, e.g. carbamates [2]
C07D 213/76	5-Punkt Untergruppe	. . . . . to which a second hetero atom is attached (nitro radicals C07D 213/61) [2]
C07D 213/77	6-Punkt Untergruppe	. . . . . Hydrazine radicals [2]
C07D 213/78	4-Punkt Untergruppe	. . . . Carbon atoms having three bonds to hetero atoms, with at the most one bond to halogen, e.g. ester or nitrile radicals [2]
C07D 213/79	5-Punkt Untergruppe	. . . . . Acids; Esters [2]
C07D 213/80	6-Punkt Untergruppe	. . . . . in position 3 [2]
C07D 213/803	6-Punkt Untergruppe	. . . . . Processes of preparation [3]
C07D 213/807	7-Punkt Untergruppe	. . . . . by oxidation of pyridines or condensed pyridines [3]
C07D 213/81	5-Punkt Untergruppe	. . . . . Amides; Imides [2]
C07D 213/82	6-Punkt Untergruppe	. . . . . in position 3 [2]
C07D 213/83	5-Punkt Untergruppe	. . . . . Thioacids; Thioesters; Thioamides; Thioimides [2]
C07D 213/84	5-Punkt Untergruppe	. . . . . Nitriles [2]
C07D 213/85	6-Punkt Untergruppe	. . . . . in position 3 [2]
C07D 213/86	5-Punkt Untergruppe	. . . . . Hydrazides; Thio or imino analogues thereof [2]
C07D 213/87	6-Punkt Untergruppe	. . . . . in position 3 [2]
C07D 213/88	5-Punkt Untergruppe	. . . . . Nicotinoylhydrazones [2]
C07D 213/89	2-Punkt Untergruppe	. . with hetero atoms directly attached to the ring nitrogen atom [2]

Symbol	Typ	Titel
C07D 213/90	1-Punkt Untergruppe	. having more than three double bonds between ring members or between ring members and non-ring members [2]
C07D 215/00	**Hauptgruppe**	**Heterocyclic compounds containing quinoline or hydrogenated quinoline ring systems [2]**
C07D 215/02	1-Punkt Untergruppe	. having no bond between the ring nitrogen atom and a non-ring member or having only hydrogen atoms or carbon atoms directly attached to the ring nitrogen atom [2]
C07D 215/04	2-Punkt Untergruppe	. . with only hydrogen atoms or radicals containing only hydrogen and carbon atoms, directly attached to the ring carbon atoms [2]
C07D 215/06	3-Punkt Untergruppe	. . . having only hydrogen atoms, hydrocarbon or substituted hydrocarbon radicals, attached to the ring nitrogen atom [2]
C07D 215/08	3-Punkt Untergruppe	. . . with acylated ring nitrogen atom [2]
C07D 215/10	3-Punkt Untergruppe	. . . Quaternary compounds [2]
C07D 215/12	2-Punkt Untergruppe	. . with substituted hydrocarbon radicals attached to ring carbon atoms [2]
C07D 215/14	3-Punkt Untergruppe	. . . Radicals substituted by oxygen atoms [2]
C07D 215/16	2-Punkt Untergruppe	. . with hetero atoms or with carbon atoms having three bonds to hetero atoms with at the most one bond to halogen, e.g. ester or nitrile radicals, directly attached to ring carbon atoms [2]
C07D 215/18	3-Punkt Untergruppe	. . . Halogen atoms or nitro radicals [2]
C07D 215/20	3-Punkt Untergruppe	. . . Oxygen atoms (quinophthalones C09B 25/00) [2]
C07D 215/22	4-Punkt Untergruppe	. . . . attached in position 2 or 4 [2]
C07D 215/227	5-Punkt Untergruppe	. . . . . only one oxygen atom which is attached in position 2 [5]
C07D 215/233	5-Punkt Untergruppe	. . . . . only one oxygen atom which is attached in position 4 [5]
C07D 215/24	4-Punkt Untergruppe	. . . . attached in position 8 [2]
C07D 215/26	5-Punkt Untergruppe	. . . . . Alcohols; Ethers thereof [2]
C07D 215/28	6-Punkt Untergruppe	. . . . . with halogen atoms or nitro radicals in positions 5, 6 or 7 [2]
C07D 215/30	6-Punkt Untergruppe	. . . . . Metal salts; Chelates [2]
C07D 215/32	6-Punkt Untergruppe	. . . . . Esters [2]
C07D 215/34	7-Punkt Untergruppe	. . . . . Carbamates [2]
C07D 215/36	3-Punkt Untergruppe	. . . Sulfur atoms (C07D 215/24 takes precedence) [2]
C07D 215/38	3-Punkt Untergruppe	. . . Nitrogen atoms (nitro radicals C07D 215/18) [2]
C07D 215/40	4-Punkt Untergruppe	. . . . attached in position 8 [2]
C07D 215/42	4-Punkt Untergruppe	. . . . attached in position 4 [2]
C07D 215/44	5-Punkt Untergruppe	. . . . . with aryl radicals attached to said nitrogen atoms [2]
C07D 215/46	5-Punkt Untergruppe	. . . . . with hydrocarbon radicals, substituted by nitrogen atoms, attached to said nitrogen atoms [2]
C07D 215/48	3-Punkt Untergruppe	. . . Carbon atoms having three bonds to hetero atoms with at the most one bond to halogen [2]
C07D 215/50	4-Punkt Untergruppe	. . . . attached in position 4 [2]
C07D 215/52	5-Punkt Untergruppe	. . . . . with aryl radicals attached in position 2 [2]

Symbol	Typ	Titel
C07D 215/54	4-Punkt Untergruppe	. . . . attached in position 3 [2]
C07D 215/56	5-Punkt Untergruppe	. . . . . with oxygen atoms in position 4 [2]
C07D 215/58	1-Punkt Untergruppe	. with hetero atoms directly attached to the ring nitrogen atom [2]
C07D 215/60	2-Punkt Untergruppe	. . N-oxides [2]
C07D 217/00	**Hauptgruppe**	**Heterocyclic compounds containing isoquinoline or hydrogenated isoquinoline ring systems [2]**
C07D 217/02	1-Punkt Untergruppe	. with only hydrogen atoms or radicals containing only carbon and hydrogen atoms, directly attached to carbon atoms of the nitrogen-containing ring; Alkylene-bis-isoquinolines [2]
C07D 217/04	2-Punkt Untergruppe	. . with hydrocarbon or substituted hydrocarbon radicals attached to the ring nitrogen atom [2]
C07D 217/06	2-Punkt Untergruppe	. . with the ring nitrogen atom acylated by carboxylic or carbonic acids, or with sulfur or nitrogen analogues thereof, e.g. carbamates [2]
C07D 217/08	2-Punkt Untergruppe	. . with a hetero atom directly attached to the ring nitrogen atom [2]
C07D 217/10	2-Punkt Untergruppe	. . Quaternary compounds [2]
C07D 217/12	1-Punkt Untergruppe	. with radicals, substituted by hetero atoms, attached to carbon atoms of the nitrogen-containing ring [2]
C07D 217/14	2-Punkt Untergruppe	. . other than aralkyl radicals [2]
C07D 217/16	3-Punkt Untergruppe	. . . substituted by oxygen atoms [2]
C07D 217/18	2-Punkt Untergruppe	. . Aralkyl radicals [2]
C07D 217/20	3-Punkt Untergruppe	. . . with oxygen atoms directly attached to the aromatic ring of said aralkyl radical, e.g. papaverine [2]
C07D 217/22	1-Punkt Untergruppe	. with hetero atoms or with carbon atoms having three bonds to hetero atoms with at the most one bond to halogen, e.g. ester or nitrile radicals, directly attached to carbon atoms of the nitrogen-containing ring [2]
C07D 217/24	2-Punkt Untergruppe	. . Oxygen atoms [2]
C07D 217/26	2-Punkt Untergruppe	. . Carbon atoms having three bonds to hetero atoms with at the most one bond to halogen [2]
C07D 219/00	**Hauptgruppe**	**Heterocyclic compounds containing acridine or hydrogenated acridine ring systems [2]**
C07D 219/02	1-Punkt Untergruppe	. with only hydrogen, hydrocarbon or substituted hydrocarbon radicals, directly attached to carbon atoms of the ring system [2]
C07D 219/04	1-Punkt Untergruppe	. with hetero atoms or with carbon atoms having three bonds to hetero atoms with at the most one bond to halogen, e.g. ester or nitrile radicals, directly attached to carbon atoms of the ring system [2]
C07D 219/06	2-Punkt Untergruppe	. . Oxygen atoms [2]
C07D 219/08	2-Punkt Untergruppe	. . Nitrogen atoms (acridine dyes C09B 15/00) [2]
C07D 219/10	3-Punkt Untergruppe	. . . attached in position 9 [2]
C07D 219/12	4-Punkt Untergruppe	. . . . Aminoalkyl-amino radicals attached in position 9 [2]
C07D 219/14	1-Punkt Untergruppe	. with hydrocarbon radicals, substituted by nitrogen atoms, attached to the ring nitrogen atom [2]
C07D 219/16	1-Punkt Untergruppe	. with acyl radicals, substituted by nitrogen atoms, attached to the ring nitrogen atom [2]
C07D 221/00	**Hauptgruppe**	**Heterocyclic compounds containing six-membered rings having one nitrogen atom as the only ring hetero atom, not provided for by groups C07D 211/00 to C07D 219/00 [2]**
C07D 221/02	1-Punkt Untergruppe	. condensed with carbocyclic rings or ring systems [2]
C07D 221/04	2-Punkt Untergruppe	. . Ortho- or peri-condensed ring systems [2]

Symbol	Typ	Titel
C07D 221/06	3-Punkt Untergruppe	. . . Ring systems of three rings [2]
C07D 221/08	4-Punkt Untergruppe	. . . . Aza-anthracenes (acridine C07D 219/00) [2]
C07D 221/10	4-Punkt Untergruppe	. . . . Aza-phenanthrenes [2]
C07D 221/12	5-Punkt Untergruppe	. . . . . Phenanthridines [2]
C07D 221/14	4-Punkt Untergruppe	. . . . Aza-phenalenes, e.g. 1,8-naphthalimide [2]
C07D 221/16	4-Punkt Untergruppe	. . . . containing carbocyclic rings other than six-membered [2]
C07D 221/18	3-Punkt Untergruppe	. . . Ring systems of four or more rings [2]
C07D 221/20	2-Punkt Untergruppe	. . Spiro-condensed ring systems [2]
C07D 221/22	2-Punkt Untergruppe	. . Bridged ring systems [2]
C07D 221/24	3-Punkt Untergruppe	. . . Camphidines [2]
C07D 221/26	3-Punkt Untergruppe	. . . Benzomorphans [2]
C07D 221/28	3-Punkt Untergruppe	. . . Morphinans [2]
C07D 223/00	**Hauptgruppe**	**Heterocyclic compounds containing seven-membered rings having one nitrogen atom as the only ring hetero atom [2]**
C07D 223/02	1-Punkt Untergruppe	. not condensed with other rings [2]
C07D 223/04	2-Punkt Untergruppe	. . with only hydrogen atoms, halogen atoms, hydrocarbon or substituted hydrocarbon radicals, directly attached to ring carbon atoms [2]
C07D 223/06	2-Punkt Untergruppe	. . with hetero atoms or with carbon atoms having three bonds to hetero atoms with at the most one bond to halogen, e.g. ester or nitrile radicals, directly attached to ring carbon atoms (halogen atoms C07D 223/04) [2]
C07D 223/08	3-Punkt Untergruppe	. . . Oxygen atoms [2]
C07D 223/10	4-Punkt Untergruppe	. . . . attached in position 2 [2]
C07D 223/12	3-Punkt Untergruppe	. . . Nitrogen atoms not forming part of a nitro radical [2]
C07D 223/14	1-Punkt Untergruppe	. condensed with carbocyclic rings or ring systems [2]
C07D 223/16	2-Punkt Untergruppe	. . Benzazepines; Hydrogenated benzazepines [2]
C07D 223/18	2-Punkt Untergruppe	. . Dibenzazepines; Hydrogenated dibenzazepines [2]
C07D 223/20	3-Punkt Untergruppe	. . . Dibenz [b, e] azepines; Hydrogenated dibenz [b, e] azepines [2]
C07D 223/22	3-Punkt Untergruppe	. . . Dibenz [b, f] azepines; Hydrogenated dibenz [b, f] azepines [2]
C07D 223/24	4-Punkt Untergruppe	. . . . with hydrocarbon radicals, substituted by nitrogen atoms, attached to the ring nitrogen atom [2]
C07D 223/26	5-Punkt Untergruppe	. . . . . having a double bond between positions 10 and 11 [2]
C07D 223/28	5-Punkt Untergruppe	. . . . . having a single bond between positions 10 and 11 [2]
C07D 223/30	4-Punkt Untergruppe	. . . . with hetero atoms directly attached to the ring nitrogen atom [2]
C07D 223/32	2-Punkt Untergruppe	. . containing carbocyclic rings other than six-membered [2]
C07D 225/00	**Hauptgruppe**	**Heterocyclic compounds containing rings of more than seven members having one nitrogen atom as the only ring hetero atom [2]**

Symbol	Typ	Titel
C07D 225/02	1-Punkt Untergruppe	. not condensed with other rings [2]
C07D 225/04	1-Punkt Untergruppe	. condensed with carbocyclic rings or ring systems [2]
C07D 225/06	2-Punkt Untergruppe	. . condensed with one six-membered ring [2]
C07D 225/08	2-Punkt Untergruppe	. . condensed with two six-membered rings [2]
C07D 227/00	**Hauptgruppe**	**Heterocyclic compounds containing rings having one nitrogen atom as the only ring hetero atom, according to more than one of groups C07D 203/00 to C07D 225/00 [2]**
C07D 227/02	1-Punkt Untergruppe	. with only hydrogen or carbon atoms directly attached to the ring nitrogen atom [2]
C07D 227/04	2-Punkt Untergruppe	. . with only hydrogen atoms, hydrocarbon or substituted hydrocarbon radicals, attached to ring carbon atoms [2]
C07D 227/06	2-Punkt Untergruppe	. . with hetero atoms or with carbon atoms having three bonds to hetero atoms with at the most one bond to halogen, e.g. ester or nitrile radicals, directly attached to ring carbon atoms [2]
C07D 227/08	3-Punkt Untergruppe	. . . Oxygen atoms [2]
C07D 227/087	4-Punkt Untergruppe	. . . . One doubly-bound oxygen atom in position 2, e.g. lactams [3]
C07D 227/093	4-Punkt Untergruppe	. . . . Two doubly-bound oxygen atoms attached to the carbon atoms adjacent to the ring nitrogen atom, e.g. dicarboxylic acid imides [3]
C07D 227/10	3-Punkt Untergruppe	. . . Nitrogen atoms not forming part of a nitro radical [2]
C07D 227/12	1-Punkt Untergruppe	. with hetero atoms directly attached to the ring nitrogen atom [2]
C07D 229/00	**Hauptgruppe**	**Heterocyclic compounds containing rings of less than five members having two nitrogen atoms as the only ring hetero atoms [2]**
C07D 229/02	1-Punkt Untergruppe	. containing three-membered rings [3]
C07D 231/00	**Hauptgruppe**	**Heterocyclic compounds containing 1,2-diazole or hydrogenated 1,2-diazole rings [2]**
C07D 231/02	1-Punkt Untergruppe	. not condensed with other rings [2]
C07D 231/04	2-Punkt Untergruppe	. . having no double bonds between ring members or between ring members and non-ring members [2]
C07D 231/06	2-Punkt Untergruppe	. . having one double bond between ring members or between a ring member and a non-ring member [2]
C07D 231/08	3-Punkt Untergruppe	. . . with oxygen or sulfur atoms directly attached to ring carbon atoms [2]
C07D 231/10	2-Punkt Untergruppe	. . having two or three double bonds between ring members or between ring members and non-ring members [2]
C07D 231/12	3-Punkt Untergruppe	. . . with only hydrogen atoms, hydrocarbon or substituted hydrocarbon radicals, directly attached to ring carbon atoms [2]
C07D 231/14	3-Punkt Untergruppe	. . . with hetero atoms or with carbon atoms having three bonds to hetero atoms with at the most one bond to halogen, e.g. ester or nitrile radicals, directly attached to ring carbon atoms [2]
C07D 231/16	4-Punkt Untergruppe	. . . . Halogen atoms or nitro radicals [2]
C07D 231/18	4-Punkt Untergruppe	. . . . One oxygen or sulfur atom [2]
C07D 231/20	5-Punkt Untergruppe	. . . . . One oxygen atom attached in position 3 or 5 [2]
C07D 231/22	6-Punkt Untergruppe	. . . . . with aryl radicals attached to ring nitrogen atoms [2]
C07D 231/24	7-Punkt Untergruppe	. . . . . having sulfone or sulfonic acid radicals in the molecule [2]
C07D 231/26	7-Punkt Untergruppe	. . . . . 1-Phenyl-3-methyl-5- pyrazolones, unsubstituted or substituted on the phenyl ring [2]

Symbol	Typ	Titel
C07D 231/28	4-Punkt Untergruppe	. . . . Two oxygen or sulfur atoms [2]
C07D 231/30	5-Punkt Untergruppe	. . . . . attached in position 3 and 5 [2]
C07D 231/32	6-Punkt Untergruppe	. . . . . Oxygen atoms [2]
C07D 231/34	7-Punkt Untergruppe	. . . . . with only hydrogen atoms or radicals containing only hydrogen and carbon atoms, attached in position 4 [2]
C07D 231/36	7-Punkt Untergruppe	. . . . . with hydrocarbon radicals, substituted by hetero atoms, attached in position 4 [2]
C07D 231/38	4-Punkt Untergruppe	. . . . Nitrogen atoms (nitro radicals C07D 231/16) [2]
C07D 231/40	5-Punkt Untergruppe	. . . . . Acylated on said nitrogen atom [2]
C07D 231/42	5-Punkt Untergruppe	. . . . . Benzene-sulfonamido pyrazoles [2]
C07D 231/44	4-Punkt Untergruppe	. . . . Oxygen and nitrogen or sulfur and nitrogen atoms [2]
C07D 231/46	5-Punkt Untergruppe	. . . . . Oxygen atom in position 3 or 5 and nitrogen atom in position 4 [2]
C07D 231/48	6-Punkt Untergruppe	. . . . . with hydrocarbon radicals attached to said nitrogen atom [2]
C07D 231/50	6-Punkt Untergruppe	. . . . . Acylated on said nitrogen atom [2]
C07D 231/52	5-Punkt Untergruppe	. . . . . Oxygen atom in position 3 and nitrogen atom in position 5, or vice-versa [2]
C07D 231/54	1-Punkt Untergruppe	. condensed with carbocyclic rings or ring systems [2]
C07D 231/56	2-Punkt Untergruppe	. . Benzopyrazoles; Hydrogenated benzopyrazoles [2]
C07D 233/00	**Hauptgruppe**	**Heterocyclic compounds containing 1,3-diazole or hydrogenated 1,3-diazole rings, not condensed with other rings [2]**
C07D 233/02	1-Punkt Untergruppe	. having no double bonds between ring members or between ring members and non-ring members [2]
C07D 233/04	1-Punkt Untergruppe	. having one double bond between ring members or between a ring member and a non-ring member [2]
C07D 233/06	2-Punkt Untergruppe	. . with only hydrogen atoms or radicals containing only hydrogen and carbon atoms, directly attached to ring carbon atoms [2]
C07D 233/08	3-Punkt Untergruppe	. . . with alkyl radicals, containing more than four carbon atoms, directly attached to ring carbon atoms [2]
C07D 233/10	4-Punkt Untergruppe	. . . . with only hydrogen atoms or radicals containing only hydrogen and carbon atoms, directly attached to ring nitrogen atoms [2]
C07D 233/12	4-Punkt Untergruppe	. . . . with substituted hydrocarbon radicals attached to ring nitrogen atoms [2]
C07D 233/14	5-Punkt Untergruppe	. . . . . Radicals substituted by oxygen atoms [2]
C07D 233/16	5-Punkt Untergruppe	. . . . . Radicals substituted by nitrogen atoms [2]
C07D 233/18	5-Punkt Untergruppe	. . . . . Radicals substituted by carbon atoms having three bonds to hetero atoms with at the most one bond to halogen, e.g. ester or nitrile radicals [2]
C07D 233/20	2-Punkt Untergruppe	. . with substituted hydrocarbon radicals, directly attached to ring carbon atoms [2]
C07D 233/22	3-Punkt Untergruppe	. . . Radicals substituted by oxygen atoms [2]
C07D 233/24	3-Punkt Untergruppe	. . . Radicals substituted by nitrogen atoms not forming part of a nitro radical [2]
C07D 233/26	3-Punkt Untergruppe	. . . Radicals substituted by carbon atoms having three bonds to hetero atoms [2]

Symbol	Typ	Titel
C07D 233/28	2-Punkt Untergruppe	. . with hetero atoms or with carbon atoms having three bonds to hetero atoms with at the most one bond to halogen, e.g. ester or nitrile radicals, directly attached to ring carbon atoms [2]
C07D 233/30	3-Punkt Untergruppe	. . . Oxygen or sulfur atoms [2]
C07D 233/32	4-Punkt Untergruppe	. . . . One oxygen atom [2]
C07D 233/34	5-Punkt Untergruppe	. . . . . Ethylene-urea [2]
C07D 233/36	5-Punkt Untergruppe	. . . . . with hydrocarbon radicals, substituted by nitrogen atoms, attached to ring nitrogen atoms [2]
C07D 233/38	5-Punkt Untergruppe	. . . . . with acyl radicals or hetero atoms directly attached to ring nitrogen atoms [2]
C07D 233/40	4-Punkt Untergruppe	. . . . Two or more oxygen atoms [2]
C07D 233/42	4-Punkt Untergruppe	. . . . Sulfur atoms [2]
C07D 233/44	3-Punkt Untergruppe	. . . Nitrogen atoms not forming part of a nitro radical [2]
C07D 233/46	4-Punkt Untergruppe	. . . . with only hydrogen atoms attached to said nitrogen atoms [2]
C07D 233/48	4-Punkt Untergruppe	. . . . with acyclic hydrocarbon or substituted acyclic hydrocarbon radicals, attached to said nitrogen atoms [2]
C07D 233/50	4-Punkt Untergruppe	. . . . with carbocyclic radicals directly attached to said nitrogen atoms [2]
C07D 233/52	4-Punkt Untergruppe	. . . . with hetero atoms directly attached to said nitrogen atoms [2]
C07D 233/54	1-Punkt Untergruppe	. having two double bonds between ring members or between ring members and non-ring members [2]
C07D 233/56	2-Punkt Untergruppe	. . with only hydrogen atoms or radicals containing only hydrogen and carbon atoms, attached to ring carbon atoms [2]
C07D 233/58	3-Punkt Untergruppe	. . . with only hydrogen atoms or radicals containing only hydrogen and carbon atoms, attached to ring nitrogen atoms [2]
C07D 233/60	3-Punkt Untergruppe	. . . with hydrocarbon radicals, substituted by oxygen or sulfur atoms, attached to ring nitrogen atoms [2]
C07D 233/61	3-Punkt Untergruppe	. . . with hydrocarbon radicals, substituted by nitrogen atoms not forming part of a nitro radical, attached to ring nitrogen atoms [3]
C07D 233/62	3-Punkt Untergruppe	. . . with triarylmethyl radicals attached to ring nitrogen atoms (triarylmethane dyes C09B 11/26) [2]
C07D 233/64	2-Punkt Untergruppe	. . with substituted hydrocarbon radicals attached to ring carbon atoms, e.g. histidine [2]
C07D 233/66	2-Punkt Untergruppe	. . with hetero atoms or with carbon atoms having three bonds to hetero atoms with at the most one bond to halogen, e.g. ester or nitrile radicals, directly attached to ring carbon atoms [2]
C07D 233/68	3-Punkt Untergruppe	. . . Halogen atoms [2]
C07D 233/70	3-Punkt Untergruppe	. . . One oxygen atom [2]
C07D 233/72	3-Punkt Untergruppe	. . . Two oxygen atoms, e.g. hydantoin [2]
C07D 233/74	4-Punkt Untergruppe	. . . . with only hydrogen atoms or radicals containing only hydrogen and carbon atoms, attached to other ring members [2]
C07D 233/76	4-Punkt Untergruppe	. . . . with substituted hydrocarbon radicals attached to the third ring carbon atom [2]
C07D 233/78	5-Punkt Untergruppe	. . . . . Radicals substituted by oxygen atoms [2]
C07D 233/80	4-Punkt Untergruppe	. . . . with hetero atoms or acyl radicals directly attached to ring nitrogen atoms [2]
C07D 233/82	5-Punkt Untergruppe	. . . . . Halogen atoms [2]

Symbol	Typ	Titel
C07D 233/84	3-Punkt Untergruppe	. . . Sulfur atoms [2]
C07D 233/86	3-Punkt Untergruppe	. . . Oxygen and sulfur atoms, e.g. thiohydantoin [2]
C07D 233/88	3-Punkt Untergruppe	. . . Nitrogen atoms, e.g. allantoin (nitro radicals C07D 233/91) [2]
C07D 233/90	3-Punkt Untergruppe	. . . Carbon atoms having three bonds to hetero atoms with at the most one bond to halogen, e.g. ester or nitrile radicals [2]
C07D 233/91	3-Punkt Untergruppe	. . . Nitro radicals [2]
C07D 233/92	4-Punkt Untergruppe	. . . . attached in position 4 or 5 [2]
C07D 233/93	5-Punkt Untergruppe	. . . . . with hydrocarbon radicals, substituted by halogen atoms, attached to other ring members [2]
C07D 233/94	5-Punkt Untergruppe	. . . . . with hydrocarbon radicals, substituted by oxygen or sulfur atoms, attached to other ring members [2]
C07D 233/95	5-Punkt Untergruppe	. . . . . with hydrocarbon radicals, substituted by nitrogen atoms, attached to other ring members [2]
C07D 233/96	1-Punkt Untergruppe	. having three double bonds between ring members or between ring members and non-ring members [2]
C07D 235/00	**Hauptgruppe**	**Heterocyclic compounds containing 1,3-diazole or hydrogenated 1,3-diazole rings, condensed with other rings [2]**
C07D 235/02	1-Punkt Untergruppe	. condensed with carbocyclic rings or ring systems [2]
C07D 235/04	2-Punkt Untergruppe	. . Benzimidazoles; Hydrogenated benzimidazoles [2]
C07D 235/06	3-Punkt Untergruppe	. . . with only hydrogen atoms, hydrocarbon or substituted hydrocarbon radicals, directly attached in position 2 [2]
C07D 235/08	4-Punkt Untergruppe	. . . . Radicals containing only hydrogen and carbon atoms [2]
C07D 235/10	4-Punkt Untergruppe	. . . . Radicals substituted by halogen atoms or nitro radicals [2]
C07D 235/12	4-Punkt Untergruppe	. . . . Radicals substituted by oxygen atoms [2]
C07D 235/14	4-Punkt Untergruppe	. . . . Radicals substituted by nitrogen atoms (by nitro radicals C07D 235/10) [2]
C07D 235/16	4-Punkt Untergruppe	. . . . Radicals substituted by carbon atoms having three bonds to hetero atoms with at the most one bond to halogen, e.g. ester or nitrile radicals [2]
C07D 235/18	3-Punkt Untergruppe	. . . with aryl radicals directly attached in position 2 [2]
C07D 235/20	3-Punkt Untergruppe	. . . Two benzimidazolyl-2 radicals linked together directly or via a hydrocarbon or substituted hydrocarbon radical [2]
C07D 235/22	3-Punkt Untergruppe	. . . with hetero atoms directly attached to ring nitrogen atoms (C07D 235/10 takes precedence) [2]
C07D 235/24	3-Punkt Untergruppe	. . . with hetero atoms or with carbon atoms having three bonds to hetero atoms with at the most one bond to halogen, e.g. ester or nitrile radicals, directly attached in position 2 [2]
C07D 235/26	4-Punkt Untergruppe	. . . . Oxygen atoms [2]
C07D 235/28	4-Punkt Untergruppe	. . . . Sulfur atoms [2]
C07D 235/30	4-Punkt Untergruppe	. . . . Nitrogen atoms not forming part of a nitro radical [2]
C07D 235/32	5-Punkt Untergruppe	. . . . . Benzimidazole-2-carbamic acids, unsubstituted or substituted; Esters thereof; Thio-analogues thereof [2]
C07D 237/00	**Hauptgruppe**	**Heterocyclic compounds containing 1,2-diazine or hydrogenated 1,2-diazine rings [2]**
C07D 237/02	1-Punkt Untergruppe	. not condensed with other rings [2]

Symbol	Typ	Titel
C07D 237/04	2-Punkt Untergruppe	. . having less than three double bonds between ring members or between ring members and non-ring members [2]
C07D 237/06	2-Punkt Untergruppe	. . having three double bonds between ring members or between ring members and non-ring members [2]
C07D 237/08	3-Punkt Untergruppe	. . . with only hydrogen atoms, hydrocarbon or substituted hydrocarbon radicals, directly attached to ring carbon atoms [2]
C07D 237/10	3-Punkt Untergruppe	. . . with hetero atoms or with carbon atoms having three bonds to hetero atoms with at the most one bond to halogen, e.g. ester or nitrile radicals, directly attached to ring carbon atoms [2]
C07D 237/12	4-Punkt Untergruppe	. . . . Halogen atoms or nitro radicals [2]
C07D 237/14	4-Punkt Untergruppe	. . . . Oxygen atoms [2]
C07D 237/16	5-Punkt Untergruppe	. . . . . Two oxygen atoms [2]
C07D 237/18	4-Punkt Untergruppe	. . . . Sulfur atoms [2]
C07D 237/20	4-Punkt Untergruppe	. . . . Nitrogen atoms (nitro radicals C07D 237/12) [2]
C07D 237/22	4-Punkt Untergruppe	. . . . Nitrogen and oxygen atoms [2]
C07D 237/24	4-Punkt Untergruppe	. . . . Carbon atoms having three bonds to hetero atoms with at the most one bond to halogen [2]
C07D 237/26	1-Punkt Untergruppe	. condensed with carbocyclic rings or ring systems [2]
C07D 237/28	2-Punkt Untergruppe	. . Cinnolines [2]
C07D 237/30	2-Punkt Untergruppe	. . Phthalazines [2]
C07D 237/32	3-Punkt Untergruppe	. . . with oxygen atoms directly attached to carbon atoms of the nitrogen-containing ring [2]
C07D 237/34	3-Punkt Untergruppe	. . . with nitrogen atoms directly attached to carbon atoms of the nitrogen-containing ring, e.g. hydrazine radicals [2]
C07D 237/36	2-Punkt Untergruppe	. . Benzo-cinnolines [2]
C07D 239/00	**Hauptgruppe**	**Heterocyclic compounds containing 1,3-diazine or hydrogenated 1,3-diazine rings [2]**
C07D 239/02	1-Punkt Untergruppe	. not condensed with other rings [2]
C07D 239/04	2-Punkt Untergruppe	. . having no double bonds between ring members or between ring members and non-ring members [2]
C07D 239/06	2-Punkt Untergruppe	. . having one double bond between ring members or between a ring member and a non-ring member [2]
C07D 239/08	3-Punkt Untergruppe	. . . with hetero atoms directly attached in position 2 [2]
C07D 239/10	4-Punkt Untergruppe	. . . . Oxygen or sulfur atoms [2]
C07D 239/12	4-Punkt Untergruppe	. . . . Nitrogen atoms not forming part of a nitro radical [2]
C07D 239/14	5-Punkt Untergruppe	. . . . . with only hydrogen atoms, hydrocarbon or substituted hydrocarbon radicals, attached to said nitrogen atoms [2]
C07D 239/16	5-Punkt Untergruppe	. . . . . acylated on said nitrogen atoms [2]
C07D 239/18	5-Punkt Untergruppe	. . . . . with hetero atoms attached to said nitrogen atoms, except nitro radicals, e.g. hydrazine radicals [2]
C07D 239/20	2-Punkt Untergruppe	. . having two double bonds between ring members or between ring members and non-ring members [2]
C07D 239/22	3-Punkt Untergruppe	. . . with hetero atoms directly attached to ring carbon atoms [2]

Symbol	Typ	Titel
C07D 239/24	2-Punkt Untergruppe	. . having three or more double bonds between ring members or between ring members and non-ring members [2]
C07D 239/26	3-Punkt Untergruppe	. . . with only hydrogen atoms, hydrocarbon or substituted hydrocarbon radicals, directly attached to ring carbon atoms [2]
C07D 239/28	3-Punkt Untergruppe	. . . with hetero atoms or with carbon atoms having three bonds to hetero atoms with at the most one bond to halogen, directly attached to ring carbon atoms [2]
C07D 239/30	4-Punkt Untergruppe	. . . . Halogen atoms or nitro radicals [2]
C07D 239/32	4-Punkt Untergruppe	. . . . One oxygen, sulfur or nitrogen atom [2]
C07D 239/34	5-Punkt Untergruppe	. . . . . One oxygen atom [2]
C07D 239/36	6-Punkt Untergruppe	. . . . . as doubly bound oxygen atom or as unsubstituted hydroxy radical [2]
C07D 239/38	5-Punkt Untergruppe	. . . . . One sulfur atom [2]
C07D 239/40	6-Punkt Untergruppe	. . . . . as doubly bound sulfur atom or as unsubstituted mercapto radical [2]
C07D 239/42	5-Punkt Untergruppe	. . . . . One nitrogen atom (nitro radicals C07D 239/30; benzenesulfonamido- pyrimidines C07D 239/69) [2]
C07D 239/46	4-Punkt Untergruppe	. . . . Two or more oxygen, sulfur or nitrogen atoms (benzenesulfonamido- pyrimidines C07D 239/69) [2]
C07D 239/47	5-Punkt Untergruppe	. . . . . One nitrogen atom and one oxygen or sulfur atom, e.g. cytosine [3]
C07D 239/48	5-Punkt Untergruppe	. . . . . Two nitrogen atoms [2]
C07D 239/49	6-Punkt Untergruppe	. . . . . with an aralkyl radical, or substituted aralkyl radical, attached in position 5, e.g. trimethoprim [3]
C07D 239/50	5-Punkt Untergruppe	. . . . . Three nitrogen atoms [2]
C07D 239/52	5-Punkt Untergruppe	. . . . . Two oxygen atoms [2]
C07D 239/54	6-Punkt Untergruppe	. . . . . as doubly bound oxygen atoms or as unsubstituted hydroxy radicals [2]
C07D 239/545	7-Punkt Untergruppe	. . . . . with other hetero atoms or with carbon atoms having three bonds to hetero atoms with at the most one bond to halogen, directly attached to ring carbon atoms [5]
C07D 239/553	8-Punkt Untergruppe	. . . . . with halogen atoms or nitro radicals directly attached to ring carbon atoms, e.g. fluorouracil [5]
C07D 239/557	8-Punkt Untergruppe	. . . . . with carbon atoms having three bonds to hetero atoms with at the most one bond to halogen, directly attached to ring carbon atoms, e.g. orotic acid [5]
C07D 239/56	5-Punkt Untergruppe	. . . . . One oxygen atom and one sulfur atom [2]
C07D 239/58	5-Punkt Untergruppe	. . . . . Two sulfur atoms [2]
C07D 239/60	5-Punkt Untergruppe	. . . . . Three or more oxygen or sulfur atoms [2]
C07D 239/62	6-Punkt Untergruppe	. . . . . Barbituric acids [2]
C07D 239/64	7-Punkt Untergruppe	. . . . . Salts of organic bases; Organic double compounds [2]
C07D 239/66	6-Punkt Untergruppe	. . . . . Thiobarbituric acids [2]
C07D 239/68	7-Punkt Untergruppe	. . . . . Salts of organic bases; Organic double compounds [2]
C07D 239/69	4-Punkt Untergruppe	. . . . Benzenesulfonamido-pyrimidines [3]
C07D 239/70	1-Punkt Untergruppe	. condensed with carbocyclic rings or ring systems [2]

Symbol	Typ	Titel
C07D 239/72	2-Punkt Untergruppe	. . Quinazolines; Hydrogenated quinazolines [2]
C07D 239/74	3-Punkt Untergruppe	. . . with only hydrogen atoms, hydrocarbon or substituted hydrocarbon radicals, attached to ring carbon atoms of the hetero ring [2]
C07D 239/76	4-Punkt Untergruppe	. . . . N-oxides [2]
C07D 239/78	3-Punkt Untergruppe	. . . with hetero atoms directly attached in position 2 [2]
C07D 239/80	4-Punkt Untergruppe	. . . . Oxygen atoms [2]
C07D 239/82	5-Punkt Untergruppe	. . . . . with an aryl radical attached in position 4 [2]
C07D 239/84	4-Punkt Untergruppe	. . . . Nitrogen atoms [2]
C07D 239/86	3-Punkt Untergruppe	. . . with hetero atoms directly attached in position 4 [2]
C07D 239/88	4-Punkt Untergruppe	. . . . Oxygen atoms [2]
C07D 239/90	5-Punkt Untergruppe	. . . . . with acyclic radicals attached in position 2 or 3 [2]
C07D 239/91	5-Punkt Untergruppe	. . . . . with aryl or aralkyl radicals attached in position 2 or 3 [2]
C07D 239/92	5-Punkt Untergruppe	. . . . . with hetero atoms directly attached to nitrogen atoms of the hetero ring [2]
C07D 239/93	4-Punkt Untergruppe	. . . . Sulfur atoms [2]
C07D 239/94	4-Punkt Untergruppe	. . . . Nitrogen atoms [2]
C07D 239/95	3-Punkt Untergruppe	. . . with hetero atoms directly attached in positions 2 and 4 [2]
C07D 239/96	4-Punkt Untergruppe	. . . . Two oxygen atoms [2]
C07D 241/00	**Hauptgruppe**	**Heterocyclic compounds containing 1,4-diazine or hydrogenated 1,4-diazine rings [2]**
C07D 241/02	1-Punkt Untergruppe	. not condensed with other rings [2]
C07D 241/04	2-Punkt Untergruppe	. . having no double bonds between ring members or between ring members and non-ring members [2]
C07D 241/06	2-Punkt Untergruppe	. . having one or two double bonds between ring members or between ring members and non-ring members [2]
C07D 241/08	3-Punkt Untergruppe	. . . with oxygen atoms directly attached to ring carbon atoms [2]
C07D 241/10	2-Punkt Untergruppe	. . having three double bonds between ring members or between ring members and non-ring members [2]
C07D 241/12	3-Punkt Untergruppe	. . . with only hydrogen atoms, hydrocarbon or substituted hydrocarbon radicals, directly attached to ring carbon atoms [2]
C07D 241/14	3-Punkt Untergruppe	. . . with hetero atoms or with carbon atoms having three bonds to hetero atoms with at the most one bond to halogen, e.g. ester or nitrile radicals, directly attached to ring carbon atoms [2]
C07D 241/16	4-Punkt Untergruppe	. . . . Halogen atoms; Nitro radicals [2]
C07D 241/18	4-Punkt Untergruppe	. . . . Oxygen or sulfur atoms [2]
C07D 241/20	4-Punkt Untergruppe	. . . . Nitrogen atoms (nitro radicals C07D 241/16) [2]
C07D 241/22	5-Punkt Untergruppe	. . . . . Benzenesulfonamido pyrazines [2]
C07D 241/24	4-Punkt Untergruppe	. . . . Carbon atoms having three bonds to hetero atoms with at the most one bond to halogen, e.g. ester or nitrile radicals [2]
C07D 241/26	5-Punkt Untergruppe	. . . . . with nitrogen atoms directly attached to ring carbon atoms [2]

Symbol	Typ	Titel
C07D 241/28	6-Punkt Untergruppe	. . . . . in which said hetero-bound carbon atoms have double bonds to oxygen, sulfur or nitrogen atoms [2, 5]
C07D 241/30	7-Punkt Untergruppe	. . . . . in which said hetero-bound carbon atoms are part of a substructure -C(=X)-X-C(=X)-X- in which X is an oxygen or sulfur atom or an imino radical, e.g. imidoylguanidines [2, 5]
C07D 241/32	8-Punkt Untergruppe	. . . . . (Amino-pyrazinoyl) guanidines [2, 5]
C07D 241/34	8-Punkt Untergruppe	. . . . . (Amino-pyrazine carbonamido) guanidines [2, 5]
C07D 241/36	1-Punkt Untergruppe	. condensed with carbocyclic rings or ring systems [2]
C07D 241/38	2-Punkt Untergruppe	. . with only hydrogen or carbon atoms directly attached to the ring nitrogen atoms [2]
C07D 241/40	3-Punkt Untergruppe	. . . Benzopyrazines [2]
C07D 241/42	4-Punkt Untergruppe	. . . . with only hydrogen atoms, hydrocarbon or substituted hydrocarbon radicals, directly attached to carbon atoms of the hetero ring [2]
C07D 241/44	4-Punkt Untergruppe	. . . . with hetero atoms or with carbon atoms having three bonds to hetero atoms with at the most one bond to halogen, e.g. ester or nitrile radicals, directly attached to carbon atoms of the hetero ring [2]
C07D 241/46	3-Punkt Untergruppe	. . . Phenazines [2]
C07D 241/48	4-Punkt Untergruppe	. . . . with hydrocarbon radicals, substituted by nitrogen atoms, directly attached to the ring nitrogen atoms [2]
C07D 241/50	2-Punkt Untergruppe	. . with hetero atoms directly attached to ring nitrogen atoms [2]
C07D 241/52	3-Punkt Untergruppe	. . . Oxygen atoms [2]
C07D 241/54	3-Punkt Untergruppe	. . . Nitrogen atoms [2]
C07D 243/00	**Hauptgruppe**	**Heterocyclic compounds containing seven-membered rings having two nitrogen atoms as the only ring hetero atoms [2]**
C07D 243/02	1-Punkt Untergruppe	. having the nitrogen atoms in positions 1 and 2 [2]
C07D 243/04	1-Punkt Untergruppe	. having the nitrogen atoms in positions 1 and 3 [2]
C07D 243/06	1-Punkt Untergruppe	. having the nitrogen atoms in positions 1 and 4 [2]
C07D 243/08	2-Punkt Untergruppe	. . not condensed with other rings [2]
C07D 243/10	2-Punkt Untergruppe	. . condensed with carbocyclic rings or ring systems [2]
C07D 243/12	3-Punkt Untergruppe	. . . 1,5-Benzodiazepines; Hydrogenated 1,5-benzodiazepines [2]
C07D 243/14	3-Punkt Untergruppe	. . . 1,4-Benzodiazepines; Hydrogenated 1,4-benzodiazepines [2]
C07D 243/16	4-Punkt Untergruppe	. . . . substituted in position 5 by aryl radicals [2]
C07D 243/18	5-Punkt Untergruppe	. . . . . substituted in position 2 by nitrogen, oxygen or sulfur atoms [2]
C07D 243/20	6-Punkt Untergruppe	. . . . . Nitrogen atoms [2]
C07D 243/22	6-Punkt Untergruppe	. . . . . Sulfur atoms [2]
C07D 243/24	6-Punkt Untergruppe	. . . . . Oxygen atoms [2]
C07D 243/26	7-Punkt Untergruppe	. . . . . Preparation from compounds already containing the benzodiazepine skeleton [2]
C07D 243/28	7-Punkt Untergruppe	. . . . . Preparation including building-up the benzodiazepine skeleton from compounds containing no hetero rings [2]

Symbol	Typ	Titel
C07D 243/30	7-Punkt Untergruppe	. . . . . Preparation including building-up the benzodiazepine skeleton from compounds already containing hetero rings [2]
C07D 243/32	8-Punkt Untergruppe	. . . . . containing a phthalimide or hydrogenated phthalimide ring system [2]
C07D 243/34	8-Punkt Untergruppe	. . . . . containing a quinazoline or hydrogenated quinazoline ring system [2]
C07D 243/36	8-Punkt Untergruppe	. . . . . containing an indole or hydrogenated indole ring system [2]
C07D 243/38	3-Punkt Untergruppe	. . . [b, e]- or [b, f]-condensed with six-membered rings [2]
C07D 245/00	**Hauptgruppe**	**Heterocyclic compounds containing rings of more than seven members having two nitrogen atoms as the only ring hetero atoms [2]**
C07D 245/02	1-Punkt Untergruppe	. not condensed with other rings [2]
C07D 245/04	1-Punkt Untergruppe	. condensed with carbocyclic rings or ring systems [2]
C07D 245/06	2-Punkt Untergruppe	. . condensed with one six-membered ring [2]
C07D 247/00	**Hauptgruppe**	**Heterocyclic compounds containing rings having two nitrogen atoms as the only ring hetero atoms, according to more than one of groups C07D 229/00 to C07D 245/00 [2]**
C07D 247/02	1-Punkt Untergruppe	. having the nitrogen atoms in positions 1 and 3 [2]
C07D 249/00	**Hauptgruppe**	**Heterocyclic compounds containing five-membered rings having three nitrogen atoms as the only ring hetero atoms [2]**
C07D 249/02	1-Punkt Untergruppe	. not condensed with other rings [2]
C07D 249/04	2-Punkt Untergruppe	. . 1,2,3-Triazoles; Hydrogenated 1,2,3-triazoles [2]
C07D 249/06	3-Punkt Untergruppe	. . . with aryl radicals directly attached to ring atoms [2]
C07D 249/08	2-Punkt Untergruppe	. . 1,2,4-Triazoles; Hydrogenated 1,2,4-triazoles [2]
C07D 249/10	3-Punkt Untergruppe	. . . with hetero atoms or with carbon atoms having three bonds to hetero atoms with at the most one bond to halogen, e.g. ester or nitrile radicals, directly attached to ring carbon atoms [2]
C07D 249/12	4-Punkt Untergruppe	. . . . Oxygen or sulfur atoms [2]
C07D 249/14	4-Punkt Untergruppe	. . . . Nitrogen atoms [2]
C07D 249/16	1-Punkt Untergruppe	. condensed with carbocyclic rings or ring systems [2]
C07D 249/18	2-Punkt Untergruppe	. . Benzotriazoles [2]
C07D 249/20	3-Punkt Untergruppe	. . . with aryl radicals directly attached in position 2 [2]
C07D 249/22	2-Punkt Untergruppe	. . Naphthotriazoles [2]
C07D 249/24	3-Punkt Untergruppe	. . . with stilbene radicals directly attached in position 2 [2]
C07D 251/00	**Hauptgruppe**	**Heterocyclic compounds containing 1,3,5-triazine rings [2]**
C07D 251/02	1-Punkt Untergruppe	. not condensed with other rings [2]
C07D 251/04	2-Punkt Untergruppe	. . having no double bonds between ring members or between ring members and non-ring members [2]
C07D 251/06	3-Punkt Untergruppe	. . . with hetero atoms directly attached to ring nitrogen atoms [2]
C07D 251/08	2-Punkt Untergruppe	. . having one double bond between ring members or between a ring member and a non-ring member [2]
C07D 251/10	2-Punkt Untergruppe	. . having two double bonds between ring members or between ring members and non-ring members [2]
C07D 251/12	2-Punkt Untergruppe	. . having three double bonds between ring members or between ring members and non-ring members [2]

Symbol	Typ	Titel
C07D 251/14	3-Punkt Untergruppe	. . . with hydrogen or carbon atoms directly attached to at least one ring carbon atom [2]
C07D 251/16	4-Punkt Untergruppe	. . . . to only one ring carbon atom [2]
C07D 251/18	5-Punkt Untergruppe	. . . . . with nitrogen atoms directly attached to the two other ring carbon atoms, e.g. guanamines [2]
C07D 251/20	5-Punkt Untergruppe	. . . . . with no nitrogen atoms directly attached to a ring carbon atom [2]
C07D 251/22	4-Punkt Untergruppe	. . . . to two ring carbon atoms [2]
C07D 251/24	4-Punkt Untergruppe	. . . . to three ring carbon atoms [2]
C07D 251/26	3-Punkt Untergruppe	. . . with only hetero atoms directly attached to ring carbon atoms [2]
C07D 251/28	4-Punkt Untergruppe	. . . . Only halogen atoms, e.g. cyanuric chloride [2]
C07D 251/30	4-Punkt Untergruppe	. . . . Only oxygen atoms [2]
C07D 251/32	5-Punkt Untergruppe	. . . . . Cyanuric acid; Isocyanuric acid [2]
C07D 251/34	5-Punkt Untergruppe	. . . . . Cyanuric or isocyanuric esters [2]
C07D 251/36	5-Punkt Untergruppe	. . . . . having halogen atoms directly attached to ring nitrogen atoms [2]
C07D 251/38	4-Punkt Untergruppe	. . . . Sulfur atoms [2]
C07D 251/40	4-Punkt Untergruppe	. . . . Nitrogen atoms [2]
C07D 251/42	5-Punkt Untergruppe	. . . . . One nitrogen atom [2]
C07D 251/44	6-Punkt Untergruppe	. . . . . with halogen atoms attached to the two other ring carbon atoms [2]
C07D 251/46	6-Punkt Untergruppe	. . . . . with oxygen or sulfur atoms attached to the two other ring carbon atoms [2]
C07D 251/48	5-Punkt Untergruppe	. . . . . Two nitrogen atoms [2]
C07D 251/50	6-Punkt Untergruppe	. . . . . with a halogen atom attached to the third ring carbon atom [2]
C07D 251/52	6-Punkt Untergruppe	. . . . . with an oxygen or sulfur atom attached to the third ring carbon atom [2]
C07D 251/54	5-Punkt Untergruppe	. . . . . Three nitrogen atoms [2]
C07D 251/56	6-Punkt Untergruppe	. . . . . Preparation of melamine [2]
C07D 251/58	7-Punkt Untergruppe	. . . . . from cyanamide, dicyanamide or calcium cyanamide [2]
C07D 251/60	7-Punkt Untergruppe	. . . . . from urea or from carbon dioxide and ammonia [2]
C07D 251/62	6-Punkt Untergruppe	. . . . . Purification of melamine [2]
C07D 251/64	6-Punkt Untergruppe	. . . . . Condensation products of melamine with aldehydes; Derivatives thereof (polycondensation products C08G) [2]
C07D 251/66	6-Punkt Untergruppe	. . . . . Derivatives of melamine in which a hetero atom is directly attached to a nitrogen atom of melamine [2]
C07D 251/68	6-Punkt Untergruppe	. . . . . Triazinylamino stilbenes [2]
C07D 251/70	6-Punkt Untergruppe	. . . . . Other substituted melamines [2]
C07D 251/72	1-Punkt Untergruppe	. condensed with carbocyclic rings or ring systems [2]
C07D 253/00	**Hauptgruppe**	**Heterocyclic compounds containing six-membered rings having three nitrogen atoms as the only ring hetero atoms, not provided for by group C07D 251/00 [2]**

Symbol	Typ	Titel
C07D 253/02	1-Punkt Untergruppe	. not condensed with other rings [2]
C07D 253/04	2-Punkt Untergruppe	. . 1,2,3-Triazines [2]
C07D 253/06	2-Punkt Untergruppe	. . 1,2,4-Triazines [2]
C07D 253/065	3-Punkt Untergruppe	. . . having three double bonds between ring members or between ring members and non-ring members [5]
C07D 253/07	4-Punkt Untergruppe	. . . . with hetero atoms, or with carbon atoms having three bonds to hetero atoms with at the most one bond to halogen, e.g. ester or nitrile radicals, directly attached to ring carbon atoms [5]
C07D 253/075	5-Punkt Untergruppe	. . . . . Two hetero atoms, in positions 3 and 5 [5]
C07D 253/08	1-Punkt Untergruppe	. condensed with carbocyclic rings or ring systems [2]
C07D 253/10	2-Punkt Untergruppe	. . Condensed 1,2,4-triazines; Hydrogenated condensed 1,2,4-triazines [5]
C07D 255/00	**Hauptgruppe**	**Heterocyclic compounds containing rings having three nitrogen atoms as the only ring hetero atoms, not provided for by groups C07D 249/00 to C07D 253/00 [2]**
C07D 255/02	1-Punkt Untergruppe	. not condensed with other rings [2]
C07D 255/04	1-Punkt Untergruppe	. condensed with carbocyclic rings or ring systems [2]
C07D 257/00	**Hauptgruppe**	**Heterocyclic compounds containing rings having four nitrogen atoms as the only ring hetero atoms [2]**
C07D 257/02	1-Punkt Untergruppe	. not condensed with other rings [2]
C07D 257/04	2-Punkt Untergruppe	. . Five-membered rings [2]
C07D 257/06	3-Punkt Untergruppe	. . . with nitrogen atoms directly attached to the ring carbon atom [2]
C07D 257/08	2-Punkt Untergruppe	. . Six-membered rings [2]
C07D 257/10	1-Punkt Untergruppe	. condensed with carbocyclic rings or ring systems [2]
C07D 257/12	2-Punkt Untergruppe	. . Six-membered rings having four nitrogen atoms [2]
C07D 259/00	**Hauptgruppe**	**Heterocyclic compounds containing rings having more than four nitrogen atoms as the only ring hetero atoms [2]**
		Heterocyclic compounds having nitrogen and oxygen as the only ring hetero atoms [2]
C07D 261/00	**Hauptgruppe**	**Heterocyclic compounds containing 1,2-oxazole or hydrogenated 1,2-oxazole rings [2]**
C07D 261/02	1-Punkt Untergruppe	. not condensed with other rings [2]
C07D 261/04	2-Punkt Untergruppe	. . having one double bond between ring members or between a ring member and a non-ring member [2]
C07D 261/06	2-Punkt Untergruppe	. . having two or more double bonds between ring members or between ring members and non-ring members [2]
C07D 261/08	3-Punkt Untergruppe	. . . with only hydrogen atoms, hydrocarbon or substituted hydrocarbon radicals, directly attached to ring carbon atoms [2]
C07D 261/10	3-Punkt Untergruppe	. . . with hetero atoms or with carbon atoms having three bonds to hetero atoms with at the most one bond to halogen, e.g. ester or nitrile radicals, directly attached to ring carbon atoms [2]
C07D 261/12	4-Punkt Untergruppe	. . . . Oxygen atoms [2]
C07D 261/14	4-Punkt Untergruppe	. . . . Nitrogen atoms [2]
C07D 261/16	5-Punkt Untergruppe	. . . . . Benzene-sulfonamido isoxazoles [2]
C07D 261/18	4-Punkt Untergruppe	. . . . Carbon atoms having three bonds to hetero atoms, with at the most one bond to halogen [2]

Symbol	Typ	Titel
C07D 261/20	1-Punkt Untergruppe	. condensed with carbocyclic rings or ring systems [2]
C07D 263/00	**Hauptgruppe**	**Heterocyclic compounds containing 1,3-oxazole or hydrogenated 1,3-oxazole rings [2]**
C07D 263/02	1-Punkt Untergruppe	. not condensed with other rings [2]
C07D 263/04	2-Punkt Untergruppe	. . having no double bonds between ring members or between ring members and non-ring members [2]
C07D 263/06	3-Punkt Untergruppe	. . . with hydrocarbon radicals, substituted by oxygen atoms, attached to ring carbon atoms [2]
C07D 263/08	2-Punkt Untergruppe	. . having one double bond between ring members or between a ring member and a non-ring member [2]
C07D 263/10	3-Punkt Untergruppe	. . . with only hydrogen atoms, hydrocarbon or substituted hydrocarbon radicals, directly attached to ring carbon atoms [2]
C07D 263/12	4-Punkt Untergruppe	. . . . with radicals containing only hydrogen and carbon atoms [2]
C07D 263/14	4-Punkt Untergruppe	. . . . with radicals substituted by oxygen atoms [2]
C07D 263/16	3-Punkt Untergruppe	. . . with hetero atoms or with carbon atoms having three bonds to hetero atoms with at the most one bond to halogen, e.g. ester or nitrile radicals, directly attached to ring carbon atoms [2]
C07D 263/18	4-Punkt Untergruppe	. . . . Oxygen atoms [2]
C07D 263/20	5-Punkt Untergruppe	. . . . . attached in position 2 [2]
C07D 263/22	6-Punkt Untergruppe	. . . . . with only hydrogen atoms or radicals containing only hydrogen and carbon atoms, directly attached to other ring carbon atoms [2]
C07D 263/24	6-Punkt Untergruppe	. . . . . with hydrocarbon radicals, substituted by oxygen atoms, attached to other ring carbon atoms [2]
C07D 263/26	6-Punkt Untergruppe	. . . . . with hetero atoms or acyl radicals directly attached to the ring nitrogen atom [2]
C07D 263/28	4-Punkt Untergruppe	. . . . Nitrogen atoms not forming part of a nitro radical [2]
C07D 263/30	2-Punkt Untergruppe	. . having two or three double bonds between ring members or between ring members and non-ring members [2]
C07D 263/32	3-Punkt Untergruppe	. . . with only hydrogen atoms, hydrocarbon or substituted hydrocarbon radicals, directly attached to ring carbon atoms [2]
C07D 263/34	3-Punkt Untergruppe	. . . with hetero atoms or with carbon atoms having three bonds to hetero atoms with at the most one bond to halogen, e.g. ester or nitrile radicals, directly attached to ring carbon atoms [2]
C07D 263/36	4-Punkt Untergruppe	. . . . One oxygen atom [2]
C07D 263/38	5-Punkt Untergruppe	. . . . . attached in position 2 [2]
C07D 263/40	5-Punkt Untergruppe	. . . . . attached in position 4 [2]
C07D 263/42	5-Punkt Untergruppe	. . . . . attached in position 5 [2]
C07D 263/44	4-Punkt Untergruppe	. . . . Two oxygen atoms [2]
C07D 263/46	4-Punkt Untergruppe	. . . . Sulfur atoms [2]
C07D 263/48	4-Punkt Untergruppe	. . . . Nitrogen atoms not forming part of a nitro radical [2]
C07D 263/50	5-Punkt Untergruppe	. . . . . Benzene-sulfonamido oxazoles [2]
C07D 263/52	1-Punkt Untergruppe	. condensed with carbocyclic rings or ring systems [2]
C07D 263/54	2-Punkt Untergruppe	. . Benzoxazoles; Hydrogenated benzoxazoles [2]

Symbol	Typ	Titel
C07D 263/56	3-Punkt Untergruppe	. . . with only hydrogen atoms, hydrocarbon or substituted hydrocarbon radicals, directly attached in position 2 [2]
C07D 263/57	4-Punkt Untergruppe	. . . . Aryl or substituted aryl radicals [5]
C07D 263/58	3-Punkt Untergruppe	. . . with hetero atoms or with carbon atoms having three bonds to hetero atoms with at the most one bond to halogen, e.g. ester or nitrile radicals, directly attached in position 2 [2]
C07D 263/60	2-Punkt Untergruppe	. . Naphthoxazoles; Hydrogenated naphthoxazoles [2]
C07D 263/62	2-Punkt Untergruppe	. . having two or more ring systems containing condensed 1,3-oxazole rings [2]
C07D 263/64	3-Punkt Untergruppe	. . . linked in positions 2 and 2' by chains containing six-membered aromatic rings or ring systems containing such rings [5]
C07D 265/00	**Hauptgruppe**	**Heterocyclic compounds containing six-membered rings having one nitrogen atom and one oxygen atom as the only ring hetero atoms [2]**
C07D 265/02	1-Punkt Untergruppe	. 1,2-Oxazines; Hydrogenated 1,2-oxazines [2]
C07D 265/04	1-Punkt Untergruppe	. 1,3-Oxazines; Hydrogenated 1,3-oxazines [2]
C07D 265/06	2-Punkt Untergruppe	. . not condensed with other rings [2]
C07D 265/08	3-Punkt Untergruppe	. . . having one double bond between ring members or between a ring member and a non-ring member [2]
C07D 265/10	4-Punkt Untergruppe	. . . . with oxygen atoms directly attached to ring carbon atoms [2]
C07D 265/12	2-Punkt Untergruppe	. . condensed with carbocyclic rings or ring systems [2]
C07D 265/14	3-Punkt Untergruppe	. . . condensed with one six-membered ring [2]
C07D 265/16	4-Punkt Untergruppe	. . . . with only hydrogen or carbon atoms directly attached in positions 2 and 4 [2]
C07D 265/18	4-Punkt Untergruppe	. . . . with hetero atoms directly attached in position 2 [2]
C07D 265/20	4-Punkt Untergruppe	. . . . with hetero atoms directly attached in position 4 [2]
C07D 265/22	5-Punkt Untergruppe	. . . . . Oxygen atoms [2]
C07D 265/24	4-Punkt Untergruppe	. . . . with hetero atoms directly attached in positions 2 and 4 [2]
C07D 265/26	5-Punkt Untergruppe	. . . . . Two oxygen atoms, e.g. isatoic anhydride [2]
C07D 265/28	1-Punkt Untergruppe	. 1,4-Oxazines; Hydrogenated 1,4-oxazines [2]
C07D 265/30	2-Punkt Untergruppe	. . not condensed with other rings [2]
C07D 265/32	3-Punkt Untergruppe	. . . with oxygen atoms directly attached to ring carbon atoms [2]
C07D 265/33	4-Punkt Untergruppe	. . . . Two oxygen atoms, in positions 3 and 5 [5]
C07D 265/34	2-Punkt Untergruppe	. . condensed with carbocyclic rings [2]
C07D 265/36	3-Punkt Untergruppe	. . . condensed with one six-membered ring [2]
C07D 265/38	3-Punkt Untergruppe	. . . [b, e]-condensed with two six-membered rings [2]
C07D 267/00	**Hauptgruppe**	**Heterocyclic compounds containing rings of more than six members having one nitrogen atom and one oxygen atom as the only ring hetero atoms [2]**
C07D 267/02	1-Punkt Untergruppe	. Seven-membered rings [2]
C07D 267/04	2-Punkt Untergruppe	. . having the hetero atoms in positions 1 and 2 [2]

Symbol	Typ	Titel
C07D 267/06	2-Punkt Untergruppe	. . having the hetero atoms in positions 1 and 3 [2]
C07D 267/08	2-Punkt Untergruppe	. . having the hetero atoms in positions 1 and 4 [2]
C07D 267/10	3-Punkt Untergruppe	. . . not condensed with other rings [2]
C07D 267/12	3-Punkt Untergruppe	. . . condensed with carbocyclic rings or ring systems [2]
C07D 267/14	4-Punkt Untergruppe	. . . . condensed with one six-membered ring [2]
C07D 267/16	4-Punkt Untergruppe	. . . . condensed with two six-membered rings [2]
C07D 267/18	5-Punkt Untergruppe	. . . . . [b, e]-condensed [2]
C07D 267/20	5-Punkt Untergruppe	. . . . . [b, f]-condensed [2]
C07D 267/22	1-Punkt Untergruppe	. Eight-membered rings [2]
C07D 269/00	**Hauptgruppe**	**Heterocyclic compounds containing rings having one nitrogen atom and one oxygen atom as the only ring hetero atoms according to more than one of groups C07D 261/00 to C07D 267/00 [2]**
C07D 269/02	1-Punkt Untergruppe	. having the hetero atoms in positions 1 and 3 [2]
C07D 271/00	**Hauptgruppe**	**Heterocyclic compounds containing five-membered rings having two nitrogen atoms and one oxygen atom as the only ring hetero atoms [2]**
C07D 271/02	1-Punkt Untergruppe	. not condensed with other rings [2]
C07D 271/04	2-Punkt Untergruppe	. . 1,2,3-Oxadiazoles; Hydrogenated 1,2,3-oxadiazoles [2]
C07D 271/06	2-Punkt Untergruppe	. . 1,2,4-Oxadiazoles; Hydrogenated 1,2,4-oxadiazoles [2]
C07D 271/07	3-Punkt Untergruppe	. . . with oxygen, sulfur or nitrogen atoms, directly attached to ring carbon atoms, the nitrogen atoms not forming part of a nitro radical [5]
C07D 271/08	2-Punkt Untergruppe	. . 1,2,5-Oxadiazoles; Hydrogenated 1,2,5-oxadiazoles [2]
C07D 271/10	2-Punkt Untergruppe	. . 1,3,4-Oxadiazoles; Hydrogenated 1,3,4-oxadiazoles [2]
C07D 271/107	3-Punkt Untergruppe	. . . with two aryl or substituted aryl radicals attached in positions 2 and 5 [5]
C07D 271/113	3-Punkt Untergruppe	. . . with oxygen, sulfur or nitrogen atoms, directly attached to ring carbon atoms, the nitrogen atoms not forming part of a nitro radical [5]
C07D 271/12	1-Punkt Untergruppe	. condensed with carbocyclic rings or ring systems [2]
C07D 273/00	**Hauptgruppe**	**Heterocyclic compounds containing rings having nitrogen and oxygen atoms as the only ring hetero atoms, not provided for by groups C07D 261/00 to C07D 271/00 [2]**
C07D 273/01	1-Punkt Untergruppe	. having one nitrogen atom [3]
C07D 273/02	1-Punkt Untergruppe	. having two nitrogen atoms and only one oxygen atom [2]
C07D 273/04	2-Punkt Untergruppe	. . Six-membered rings [2]
C07D 273/06	2-Punkt Untergruppe	. . Seven-membered rings [2]
C07D 273/08	1-Punkt Untergruppe	. having two nitrogen atoms and more than one oxygen atom [3]
		Heterocyclic compounds having nitrogen and sulfur as the only ring hetero atoms [2]
C07D 275/00	**Hauptgruppe**	**Heterocyclic compounds containing 1, 2-thiazole or hydrogenated 1,2-thiazole rings [2]**
C07D 275/02	1-Punkt Untergruppe	. not condensed with other rings [2]
C07D 275/03	2-Punkt Untergruppe	. . with hetero atoms or with carbon atoms having three bonds to hetero atoms with at the most one bond to halogen, e.g. ester or nitrile radicals, directly attached to ring carbon atoms [5]

Symbol	Typ	Titel
C07D 275/04	1-Punkt Untergruppe	. condensed with carbocyclic rings or ring systems [2]
C07D 275/06	2-Punkt Untergruppe	. . with hetero atoms directly attached to the ring sulfur atom [2]
C07D 277/00	**Hauptgruppe**	**Heterocyclic compounds containing 1,3-thiazole or hydrogenated 1,3-thiazole rings [2]**
C07D 277/02	1-Punkt Untergruppe	. not condensed with other rings [2]
C07D 277/04	2-Punkt Untergruppe	. . having no double bonds between ring members or between ring members and non-ring members [2]
C07D 277/06	3-Punkt Untergruppe	. . . with carbon atoms having three bonds to hetero atoms with at the most one bond to halogen, e.g. ester or nitrile radicals, directly attached to ring carbon atoms [2]
C07D 277/08	2-Punkt Untergruppe	. . having one double bond between ring members or between a ring member and a non-ring member [2]
C07D 277/10	3-Punkt Untergruppe	. . . with only hydrogen atoms, hydrocarbon or substituted hydrocarbon radicals, directly attached to ring carbon atoms [2]
C07D 277/12	3-Punkt Untergruppe	. . . with hetero atoms or with carbon atoms having three bonds to hetero atoms with at the most one bond to halogen, e.g. ester or nitrile radicals, directly attached to ring carbon atoms [2]
C07D 277/14	4-Punkt Untergruppe	. . . . Oxygen atoms [2]
C07D 277/16	4-Punkt Untergruppe	. . . . Sulfur atoms [2]
C07D 277/18	4-Punkt Untergruppe	. . . . Nitrogen atoms [2]
C07D 277/20	2-Punkt Untergruppe	. . having two or three double bonds between ring members or between ring members and non-ring members [2]
C07D 277/22	3-Punkt Untergruppe	. . . with only hydrogen atoms, hydrocarbon or substituted hydrocarbon radicals, directly attached to ring carbon atoms [2]
C07D 277/24	4-Punkt Untergruppe	. . . . Radicals substituted by oxygen atoms [2]
C07D 277/26	4-Punkt Untergruppe	. . . . Radicals substituted by sulfur atoms [2]
C07D 277/28	4-Punkt Untergruppe	. . . . Radicals substituted by nitrogen atoms [2]
C07D 277/30	4-Punkt Untergruppe	. . . . Radicals substituted by carbon atoms having three bonds to hetero atoms with at the most one bond to halogen, e.g. ester or nitrile radicals [2]
C07D 277/32	3-Punkt Untergruppe	. . . with hetero atoms or with carbon atoms having three bonds to hetero atoms with at the most one bond to halogen, e.g. ester or nitrile radicals, directly attached to ring carbon atoms [2]
C07D 277/34	4-Punkt Untergruppe	. . . . Oxygen atoms [2]
C07D 277/36	4-Punkt Untergruppe	. . . . Sulfur atoms [2]
C07D 277/38	4-Punkt Untergruppe	. . . . Nitrogen atoms [2]
C07D 277/40	5-Punkt Untergruppe	. . . . . Unsubstituted amino or imino radicals [2]
C07D 277/42	5-Punkt Untergruppe	. . . . . Amino or imino radicals substituted by hydrocarbon or substituted hydrocarbon radicals [2]
C07D 277/44	5-Punkt Untergruppe	. . . . . Acylated amino or imino radicals [2]
C07D 277/46	6-Punkt Untergruppe	. . . . . by carboxylic acids, or sulfur or nitrogen analogues thereof [2]
C07D 277/48	6-Punkt Untergruppe	. . . . . by radicals derived from carbonic acid, or sulfur or nitrogen analogues thereof, e.g. carbonylguanidines [2]
C07D 277/50	5-Punkt Untergruppe	. . . . . Nitrogen atoms bound to hetero atoms (nitro radicals C07D 277/58) [2]

Symbol	Typ	Titel
C07D 277/52	6-Punkt Untergruppe	. . . . . to sulfur atoms, e.g. sulfonamides [2]
C07D 277/54	4-Punkt Untergruppe	. . . . Nitrogen and either oxygen or sulfur atoms [2]
C07D 277/56	4-Punkt Untergruppe	. . . . Carbon atoms having three bonds to hetero atoms with at the most one bond to halogen [2]
C07D 277/58	4-Punkt Untergruppe	. . . . Nitro radicals [2]
C07D 277/587	3-Punkt Untergruppe	. . . with aliphatic hydrocarbon radicals substituted by carbon atoms having three bonds to hetero atoms with at the most one bond to halogen, e.g. ester or nitrile radicals, directly attached to ring carbon atoms, said aliphatic radicals being substituted in the alpha-position to the ring by a hetero atom, e.g. [Bild nicht vorhanden.] with m ò 0, Z being a singly or a doubly bound hetero atom [5]
C07D 277/593	4-Punkt Untergruppe	. . . . Z being doubly bound oxygen or doubly bound nitrogen, which nitrogen is part of a possibly substituted oximino radical [5]
C07D 277/60	1-Punkt Untergruppe	. condensed with carbocyclic rings or ring systems [2]
C07D 277/62	2-Punkt Untergruppe	. . Benzothiazoles [2]
C07D 277/64	3-Punkt Untergruppe	. . . with only hydrocarbon or substituted hydrocarbon radicals attached in position 2 [2]
C07D 277/66	4-Punkt Untergruppe	. . . . with aromatic rings or ring systems directly attached in position 2 [2]
C07D 277/68	3-Punkt Untergruppe	. . . with hetero atoms or with carbon atoms having three bonds to hetero atoms with at the most one bond to halogen, e.g. ester or nitrile radicals, directly attached in position 2 [2]
C07D 277/70	4-Punkt Untergruppe	. . . . Sulfur atoms [2]
C07D 277/72	5-Punkt Untergruppe	. . . . . 2-Mercaptobenzothiazole [2]
C07D 277/74	5-Punkt Untergruppe	. . . . . Sulfur atoms substituted by carbon atoms [2]
C07D 277/76	5-Punkt Untergruppe	. . . . . Sulfur atoms attached to a second hetero atom [2]
C07D 277/78	6-Punkt Untergruppe	. . . . . to a second sulfur atom [2]
C07D 277/80	6-Punkt Untergruppe	. . . . . to a nitrogen atom [2]
C07D 277/82	4-Punkt Untergruppe	. . . . Nitrogen atoms [2]
C07D 277/84	2-Punkt Untergruppe	. . Naphthothiazoles [2]
C07D 279/00	**Hauptgruppe**	**Heterocyclic compounds containing six-membered rings having one nitrogen atom and one sulfur atom as the only ring hetero atoms [2]**
C07D 279/02	1-Punkt Untergruppe	. 1,2-Thiazines; Hydrogenated 1,2-thiazines [2]
C07D 279/04	1-Punkt Untergruppe	. 1,3-Thiazines; Hydrogenated 1,3-thiazines [2]
C07D 279/06	2-Punkt Untergruppe	. . not condensed with other rings [2]
C07D 279/08	2-Punkt Untergruppe	. . condensed with carbocyclic rings or ring systems [2]
C07D 279/10	1-Punkt Untergruppe	. 1,4-Thiazines; Hydrogenated 1,4-thiazines [2]
C07D 279/12	2-Punkt Untergruppe	. . not condensed with other rings [2]
C07D 279/14	2-Punkt Untergruppe	. . condensed with carbocyclic rings or ring systems [2]
C07D 279/16	3-Punkt Untergruppe	. . . condensed with one six-membered ring [2]
C07D 279/18	3-Punkt Untergruppe	. . . [b, e]-condensed with two six-membered rings [2]

Symbol	Typ	Titel
C07D 279/20	4-Punkt Untergruppe	. . . . with hydrogen atoms directly attached to the ring nitrogen atom [2]
C07D 279/22	4-Punkt Untergruppe	. . . . with carbon atoms directly attached to the ring nitrogen atom [2]
C07D 279/24	5-Punkt Untergruppe	. . . . . with hydrocarbon radicals, substituted by amino radicals, attached to the ring nitrogen atom [2]
C07D 279/26	6-Punkt Untergruppe	. . . . . without other substituents attached to the ring system [2]
C07D 279/28	6-Punkt Untergruppe	. . . . . with other substituents attached to the ring system [2]
C07D 279/30	5-Punkt Untergruppe	. . . . . with acyl radicals attached to the ring nitrogen atom [2]
C07D 279/32	4-Punkt Untergruppe	. . . . with hetero atoms directly attached to the ring nitrogen atom [2]
C07D 279/34	4-Punkt Untergruppe	. . . . with hetero atoms directly attached to the ring sulfur atom [2]
C07D 279/36	3-Punkt Untergruppe	. . . [b, e]-condensed, at least one with a further condensed benzene ring [2]
C07D 281/00	**Hauptgruppe**	**Heterocyclic compounds containing rings of more than six members having one nitrogen atom and one sulfur atom as the only ring hetero atoms [2]**
C07D 281/02	1-Punkt Untergruppe	. Seven-membered rings [2]
C07D 281/04	2-Punkt Untergruppe	. . having the hetero atoms in positions 1 and 4 [2]
C07D 281/06	3-Punkt Untergruppe	. . . not condensed with other rings [2]
C07D 281/08	3-Punkt Untergruppe	. . . condensed with carbocyclic rings or ring systems [2]
C07D 281/10	4-Punkt Untergruppe	. . . . condensed with one six-membered ring [2]
C07D 281/12	4-Punkt Untergruppe	. . . . condensed with two six-membered rings [2]
C07D 281/14	5-Punkt Untergruppe	. . . . . [b, e]-condensed [2]
C07D 281/16	5-Punkt Untergruppe	. . . . . [b, f]-condensed [2]
C07D 281/18	1-Punkt Untergruppe	. Eight-membered rings [2]
C07D 283/00	**Hauptgruppe**	**Heterocyclic compounds containing rings having one nitrogen atom and one sulfur atom as the only ring hetero atoms, according to more than one of groups C07D 275/00 to C07D 281/00 [2]**
C07D 283/02	1-Punkt Untergruppe	. having the hetero atoms in positions 1 and 3 [2]
C07D 285/00	**Hauptgruppe**	**Heterocyclic compounds containing rings having nitrogen and sulfur atoms as the only ring hetero atoms, not provided for by groups C07D 275/00 to C07D 283/00 [2]**
C07D 285/01	1-Punkt Untergruppe	. Five-membered rings [5]
C07D 285/02	2-Punkt Untergruppe	. . Thiadiazoles; Hydrogenated thiadiazoles [2, 5]
C07D 285/04	3-Punkt Untergruppe	. . . not condensed with other rings [2, 5]
C07D 285/06	4-Punkt Untergruppe	. . . . 1,2,3-Thiadiazoles; Hydrogenated 1,2,3-thiadiazoles [2, 5]
C07D 285/08	4-Punkt Untergruppe	. . . . 1,2,4-Thiadiazoles; Hydrogenated 1,2,4-thiadiazoles [2, 5]
C07D 285/10	4-Punkt Untergruppe	. . . . 1,2,5-Thiadiazoles; Hydrogenated 1,2,5-thiadiazoles [2, 5]
C07D 285/12	4-Punkt Untergruppe	. . . . 1,3,4-Thiadiazoles; Hydrogenated 1,3,4-thiadiazoles [2, 5]
C07D 285/125	5-Punkt Untergruppe	. . . . . with oxygen, sulfur or nitrogen atoms, directly attached to ring carbon atoms, the nitrogen atoms not forming part of a nitro radical [5]
C07D 285/13	6-Punkt Untergruppe	. . . . . Oxygen atoms [5]

Symbol	Typ	Titel
C07D 285/135	6-Punkt Untergruppe	. . . . . Nitrogen atoms [5]
C07D 285/14	3-Punkt Untergruppe	. . . condensed with carbocyclic rings or ring systems [2, 5]
C07D 285/15	1-Punkt Untergruppe	. Six-membered rings [5]
C07D 285/16	2-Punkt Untergruppe	. . Thiadiazines; Hydrogenated thiadiazines [2, 5]
C07D 285/18	3-Punkt Untergruppe	. . . 1,2,4-Thiadiazines; Hydrogenated 1,2,4-thiadiazines [2, 5]
C07D 285/20	4-Punkt Untergruppe	. . . . condensed with carbocyclic rings or ring systems [2, 5]
C07D 285/22	5-Punkt Untergruppe	. . . . . condensed with one six-membered ring [2, 5]
C07D 285/24	6-Punkt Untergruppe	. . . . . with oxygen atoms directly attached to the ring sulfur atom [2, 5]
C07D 285/26	7-Punkt Untergruppe	. . . . . substituted in position 6 or 7 by sulfamoyl or substituted sulfamoyl radicals [2, 5]
C07D 285/28	8-Punkt Untergruppe	. . . . . with only hydrogen atoms or radicals containing only hydrogen and carbon atoms, directly attached in position 3 [2, 5]
C07D 285/30	8-Punkt Untergruppe	. . . . . with hydrocarbon radicals, substituted by hetero atoms, attached in position 3 [2, 5]
C07D 285/32	8-Punkt Untergruppe	. . . . . with hetero atoms or with carbon atoms having three bonds to hetero atoms with at the most one bond to halogen, e.g. ester or nitrile radicals, directly attached in position 3 [2, 5]
C07D 285/34	3-Punkt Untergruppe	. . . 1,3,5-Thiadiazines; Hydrogenated 1,3,5-thiadiazines [2, 5]
C07D 285/36	1-Punkt Untergruppe	. Seven-membered rings [2]
C07D 285/38	1-Punkt Untergruppe	. Eight-membered rings [2]
C07D 291/00	**Hauptgruppe**	**Heterocyclic compounds containing rings having nitrogen, oxygen and sulfur atoms as the only ring hetero atoms [2]**
C07D 291/02	1-Punkt Untergruppe	. not condensed with other rings [2]
C07D 291/04	2-Punkt Untergruppe	. . Five-membered rings [2]
C07D 291/06	2-Punkt Untergruppe	. . Six-membered rings [2]
C07D 291/08	1-Punkt Untergruppe	. condensed with carbocyclic rings or ring systems [2]
C07D 293/00	**Hauptgruppe**	**Heterocyclic compounds containing rings having nitrogen and selenium or nitrogen and tellurium, with or without oxygen or sulfur atoms, as the ring hetero atoms [2]**
C07D 293/02	1-Punkt Untergruppe	. not condensed with other rings [2]
C07D 293/04	2-Punkt Untergruppe	. . Five-membered rings [2]
C07D 293/06	3-Punkt Untergruppe	. . . Selenazoles; Hydrogenated selenazoles [2]
C07D 293/08	2-Punkt Untergruppe	. . Six-membered rings [2]
C07D 293/10	1-Punkt Untergruppe	. condensed with carbocyclic rings or ring systems [2]
C07D 293/12	2-Punkt Untergruppe	. . Selenazoles; Hydrogenated selenazoles [2]
C07D 295/00	**Hauptgruppe**	**Heterocyclic compounds containing polymethylene-imine rings with at least five ring members, 3-azabicyclo [3.2.2] nonane, piperazine, morpholine or thiomorpholine rings, having only hydrogen atoms directly attached to the ring carbon atoms [2]**
C07D 295/02	1-Punkt Untergruppe	. containing only hydrogen and carbon atoms in addition to the ring hetero elements [2]
C07D 295/023	2-Punkt Untergruppe	. . Preparation; Separation; Stabilisation; Use of additives [5]

Symbol	Typ	Titel
C07D 295/027	2-Punkt Untergruppe	. . containing only one hetero ring [5]
C07D 295/03	3-Punkt Untergruppe	. . . with the ring nitrogen atoms directly attached to acyclic carbon atoms [5]
C07D 295/033	3-Punkt Untergruppe	. . . with the ring nitrogen atoms directly attached to carbocyclic rings [5]
C07D 295/037	2-Punkt Untergruppe	. . with quaternary ring nitrogen atoms [5]
C07D 295/04	1-Punkt Untergruppe	. with substituted hydrocarbon radicals attached to ring nitrogen atoms [2]
C07D 295/06	2-Punkt Untergruppe	. . substituted by halogen atoms or nitro radicals [2]
C07D 295/067	3-Punkt Untergruppe	. . . with the ring nitrogen atoms and the substituents attached to the same carbon chain, which is not interrupted by carbocyclic rings [5]
C07D 295/073	3-Punkt Untergruppe	. . . with the ring nitrogen atoms and the substituents separated by carbocyclic rings or by carbon chains interrupted by carbocyclic rings [5]
C07D 295/08	2-Punkt Untergruppe	. . substituted by singly bound oxygen or sulfur atoms [2]
C07D 295/084	3-Punkt Untergruppe	. . . with the ring nitrogen atoms and the oxygen or sulfur atoms attached to the same carbon chain, which is not interrupted by carbocyclic rings [5]
C07D 295/088	4-Punkt Untergruppe	. . . . to an acyclic saturated chain [5]
C07D 295/092	4-Punkt Untergruppe	. . . . with aromatic radicals attached to the chain [5]
C07D 295/096	3-Punkt Untergruppe	. . . with the ring nitrogen atoms and the oxygen or sulfur atoms separated by carbocyclic rings or by carbon chains interrupted by carbocyclic rings [5]
C07D 295/10	2-Punkt Untergruppe	. . substituted by doubly bound oxygen or sulfur atoms (acylated ring nitrogen atoms C07D 295/16) [2]
C07D 295/104	3-Punkt Untergruppe	. . . with the ring nitrogen atoms and the doubly bound oxygen or sulfur atoms attached to the same carbon chain, which is not interrupted by carbocyclic rings [5]
C07D 295/108	4-Punkt Untergruppe	. . . . to an acyclic saturated chain [5]
C07D 295/112	3-Punkt Untergruppe	. . . with the ring nitrogen atoms and the doubly bound oxygen or sulfur atoms separated by carbocyclic rings or by carbon chains interrupted by carbocyclic rings [5]
C07D 295/116	4-Punkt Untergruppe	. . . . with the doubly bound oxygen or sulfur atoms directly attached to a carbocyclic ring [5]
C07D 295/12	2-Punkt Untergruppe	. . substituted by singly or doubly bound nitrogen atoms (nitro radicals C07D 295/06) [2]
C07D 295/125	3-Punkt Untergruppe	. . . with the ring nitrogen atoms and the substituent nitrogen atoms attached to the same carbon chain, which is not interrupted by carbocyclic rings [5]
C07D 295/13	4-Punkt Untergruppe	. . . . to an acyclic saturated chain [5]
C07D 295/135	3-Punkt Untergruppe	. . . with the ring nitrogen atoms and the substituent nitrogen atoms separated by carbocyclic rings or by carbon chains interrupted by carbocyclic rings [5]
C07D 295/14	2-Punkt Untergruppe	. . substituted by carbon atoms having three bonds to hetero atoms with at the most one bond to halogen, e.g. ester or nitrile radicals [2]
C07D 295/145	3-Punkt Untergruppe	. . . with the ring nitrogen atoms and the carbon atoms with three bonds to hetero atoms attached to the same carbon chain, which is not interrupted by carbocyclic rings [5]
C07D 295/15	4-Punkt Untergruppe	. . . . to an acyclic saturated chain [5]
C07D 295/155	3-Punkt Untergruppe	. . . with the ring nitrogen atoms and the carbon atoms with three bonds to hetero atoms separated by carbocyclic rings or by carbon chains interrupted by carbocyclic rings [5]
C07D 295/16	1-Punkt Untergruppe	. acylated on ring nitrogen atoms [2]

Symbol	Typ	Titel
C07D 295/18	2-Punkt Untergruppe	. . by radicals derived from carboxylic acids, or sulfur or nitrogen analogues thereof [2]
C07D 295/182	3-Punkt Untergruppe	. . . Radicals derived from carboxylic acids [5]
C07D 295/185	4-Punkt Untergruppe	. . . . from aliphatic carboxylic acids [5]
C07D 295/192	4-Punkt Untergruppe	. . . . from aromatic carboxylic acids [5]
C07D 295/194	3-Punkt Untergruppe	. . . Radicals derived from thio- or thiono carboxylic acids [5]
C07D 295/195	3-Punkt Untergruppe	. . . Radicals derived from nitrogen analogues of carboxylic acids [5]
C07D 295/20	2-Punkt Untergruppe	. . by radicals derived from carbonic acid, or sulfur or nitrogen analogues thereof [2]
C07D 295/205	3-Punkt Untergruppe	. . . Radicals derived from carbonic acid [5]
C07D 295/21	3-Punkt Untergruppe	. . . Radicals derived from sulfur analogues of carbonic acid [5]
C07D 295/215	3-Punkt Untergruppe	. . . Radicals derived from nitrogen analogues of carbonic acid [5]
C07D 295/22	1-Punkt Untergruppe	. with hetero atoms directly attached to ring nitrogen atoms [2]
C07D 295/24	2-Punkt Untergruppe	. . Oxygen atoms [5]
C07D 295/26	2-Punkt Untergruppe	. . Sulfur atoms [5]
C07D 295/28	2-Punkt Untergruppe	. . Nitrogen atoms [5]
C07D 295/30	3-Punkt Untergruppe	. . . non-acylated [5]
C07D 295/32	3-Punkt Untergruppe	. . . acylated with carboxylic or carbonic acids, or their nitrogen or sulfur analogues [5]
		Heterocyclic compounds having oxygen atoms, with or without sulfur, selenium, or tellurium atoms, as ring hetero atoms [2]
C07D 301/00	**Hauptgruppe**	**Preparation of oxiranes [2]**
C07D 301/02	1-Punkt Untergruppe	. Synthesis of the oxirane ring [2]
C07D 301/03	2-Punkt Untergruppe	. . by oxidation of unsaturated compounds, or of mixtures of unsaturated and saturated compounds [3]
C07D 301/04	3-Punkt Untergruppe	. . . with air or molecular oxygen [2, 3]
C07D 301/06	4-Punkt Untergruppe	. . . . in the liquid phase [2, 3]
C07D 301/08	4-Punkt Untergruppe	. . . . in the gaseous phase [2, 3]
C07D 301/10	5-Punkt Untergruppe	. . . . . with catalysts containing silver or gold [2, 3]
C07D 301/12	3-Punkt Untergruppe	. . . with hydrogen peroxide or inorganic peroxides or peracids [2, 3]
C07D 301/14	3-Punkt Untergruppe	. . . with organic peracids, or salts, anhydrides or esters thereof [2, 3]
C07D 301/16	4-Punkt Untergruppe	. . . . formed in situ, e.g. from carboxylic acids and hydrogen peroxide [2, 3]
C07D 301/18	5-Punkt Untergruppe	. . . . . from polybasic carboxylic acids [2, 3]
C07D 301/19	3-Punkt Untergruppe	. . . with organic hydroperoxides [3]
C07D 301/22	2-Punkt Untergruppe	. . by oxidation of saturated compounds with air or molecular oxygen (of mixtures of unsaturated and saturated compounds C07D 301/04) [2]
C07D 301/24	2-Punkt Untergruppe	. . by splitting-off Hal-Y from compounds containing the radical Hal-C-C-OY [2]
C07D 301/26	3-Punkt Untergruppe	. . . Y being hydrogen [2]

Symbol	Typ	Titel
C07D 301/27	1-Punkt Untergruppe	. Condensation of epihalohydrins or halohydrins with compounds containing active hydrogen atoms (macromolecular compounds C08) [3]
C07D 301/28	2-Punkt Untergruppe	. . by reaction with hydroxyl radicals [2, 3]
C07D 301/30	2-Punkt Untergruppe	. . by reaction with carboxyl radicals [2, 3]
C07D 301/32	1-Punkt Untergruppe	. Separation; Purification [2]
C07D 301/36	1-Punkt Untergruppe	. Use of additives, e.g. for stabilisation [3]
C07D 303/00	**Hauptgruppe**	**Compounds containing three-membered rings having one oxygen atom as the only ring hetero atom [2]**
C07D 303/02	1-Punkt Untergruppe	. Compounds containing oxirane rings [2]
C07D 303/04	2-Punkt Untergruppe	. . containing only hydrogen and carbon atoms in addition to the ring oxygen atoms [2]
C07D 303/06	3-Punkt Untergruppe	. . . in which the oxirane rings are condensed with a carbocyclic ring system having three or more relevant rings [2]
C07D 303/08	2-Punkt Untergruppe	. . with hydrocarbon radicals, substituted by halogen atoms, nitro radicals or nitroso radicals [2]
C07D 303/10	3-Punkt Untergruppe	. . . in which the oxirane rings are condensed with a carbocyclic ring system having three or more relevant rings (steroids C07J) [2]
C07D 303/12	2-Punkt Untergruppe	. . with hydrocarbon radicals, substituted by singly or doubly bound oxygen atoms [2]
C07D 303/14	3-Punkt Untergruppe	. . . by free hydroxyl radicals [2]
C07D 303/16	3-Punkt Untergruppe	. . . by esterified hydroxyl radicals [2]
C07D 303/17	4-Punkt Untergruppe	. . . . containing oxirane rings condensed with carbocyclic ring systems having three or more relevant rings [3]
C07D 303/18	3-Punkt Untergruppe	. . . by etherified hydroxyl radicals [2]
C07D 303/20	4-Punkt Untergruppe	. . . . Ethers with hydroxy compounds containing no oxirane rings [2]
C07D 303/22	5-Punkt Untergruppe	. . . . . with monohydroxy compounds [2]
C07D 303/23	6-Punkt Untergruppe	. . . . . Oxiranylmethyl ethers of compounds having one hydroxy group bound to a six-membered aromatic ring, the oxiranylmethyl radical not being further substituted, i.e. [Bild nicht vorhanden.] [5]
C07D 303/24	5-Punkt Untergruppe	. . . . . with polyhydroxy compounds [2]
C07D 303/26	6-Punkt Untergruppe	. . . . . having one or more free hydroxyl radicals [2]
C07D 303/27	6-Punkt Untergruppe	. . . . . having all hydroxyl radicals etherified with oxirane containing compounds [3]
C07D 303/28	4-Punkt Untergruppe	. . . . Ethers with hydroxy compounds containing oxirane rings [2]
C07D 303/30	5-Punkt Untergruppe	. . . . . Ethers of oxirane-containing polyhydroxy compounds in which all hydroxyl radicals are etherified with oxirane-containing hydroxy compounds [2]
C07D 303/31	4-Punkt Untergruppe	. . . . in which the oxirane rings are condensed with a carbocyclic ring system having three or more relevant rings [3]
C07D 303/32	3-Punkt Untergruppe	. . . by aldehydo- or ketonic radicals [2]
C07D 303/34	2-Punkt Untergruppe	. . with hydrocarbon radicals, substituted by sulfur, selenium, or tellurium atoms [2]
C07D 303/36	2-Punkt Untergruppe	. . with hydrocarbon radicals, substituted by nitrogen atoms (nitro, nitroso radicals C07D 303/08) [2]

Symbol	Typ	Titel
C07D 303/38	2-Punkt Untergruppe	. . with hydrocarbon radicals, substituted by carbon atoms having three bonds to hetero atoms with at the most one bond to halogen, e.g. ester or nitrile radicals [2]
C07D 303/40	3-Punkt Untergruppe	. . . by ester radicals [2]
C07D 303/42	4-Punkt Untergruppe	. . . . Acyclic compounds having a chain of seven or more carbon atoms, e.g. epoxidised fats [2]
C07D 303/44	4-Punkt Untergruppe	. . . . Esterified with oxirane-containing hydroxy compounds [2]
C07D 303/46	3-Punkt Untergruppe	. . . by amide or nitrile radicals [2]
C07D 303/48	2-Punkt Untergruppe	. . with hetero atoms or with carbon atoms having three bonds to hetero atoms with at the most one bond to halogen, directly attached to ring carbon atoms, e.g. ester or nitrile radicals [3]
C07D 305/00	**Hauptgruppe**	**Heterocyclic compounds containing four-membered rings having one oxygen atom as the only ring hetero atoms [2]**
C07D 305/02	1-Punkt Untergruppe	. not condensed with other rings [2]
C07D 305/04	2-Punkt Untergruppe	. . having no double bonds between ring members or between ring members and non-ring members [2]
C07D 305/06	3-Punkt Untergruppe	. . . with only hydrogen atoms, hydrocarbon or substituted hydrocarbon radicals, directly attached to the ring atoms [2]
C07D 305/08	3-Punkt Untergruppe	. . . with hetero atoms or with carbon atoms having three bonds to hetero atoms with at the most one bond to halogen, e.g. ester or nitrile radicals, directly attached to ring atoms [2]
C07D 305/10	2-Punkt Untergruppe	. . having one or more double bonds between ring members or between ring members and non-ring members [2]
C07D 305/12	3-Punkt Untergruppe	. . . Beta-lactones [2]
C07D 305/14	1-Punkt Untergruppe	. condensed with carbocyclic rings or ring systems [2]
C07D 307/00	**Hauptgruppe**	**Heterocyclic compounds containing five-membered rings having one oxygen atom as the only ring hetero atom [2]**
C07D 307/02	1-Punkt Untergruppe	. not condensed with other rings [2]
C07D 307/04	2-Punkt Untergruppe	. . having no double bonds between ring members or between ring members and non-ring members [2]
C07D 307/06	3-Punkt Untergruppe	. . . with only hydrogen atoms or radicals containing only hydrogen and carbon atoms, directly attached to ring carbon atoms [2]
C07D 307/08	4-Punkt Untergruppe	. . . . Preparation of tetrahydrofuran [2]
C07D 307/10	3-Punkt Untergruppe	. . . with substituted hydrocarbon radicals attached to ring carbon atoms [2]
C07D 307/12	4-Punkt Untergruppe	. . . . Radicals substituted by oxygen atoms [2]
C07D 307/14	4-Punkt Untergruppe	. . . . Radicals substituted by nitrogen atoms not forming part of a nitro radical [2]
C07D 307/16	4-Punkt Untergruppe	. . . . Radicals substituted by carbon atoms having three bonds to hetero atoms with at the most one bond to halogen, e.g. ester or nitrile radicals [2]
C07D 307/18	3-Punkt Untergruppe	. . . with hetero atoms or with carbon atoms having three bonds to hetero atoms with at the most one bond to halogen, e.g. ester or nitrile radicals, directly attached to ring carbon atoms [2]
C07D 307/20	4-Punkt Untergruppe	. . . . Oxygen atoms [2]
C07D 307/22	4-Punkt Untergruppe	. . . . Nitrogen atoms not forming part of a nitro radical [2]
C07D 307/24	4-Punkt Untergruppe	. . . . Carbon atoms having three bonds to hetero atoms with at the most one bond to halogen [2]
C07D 307/26	2-Punkt Untergruppe	. . having one double bond between ring members or between a ring member and a non-ring member [2]

Symbol	Typ	Titel
C07D 307/28	3-Punkt Untergruppe	. . . with only hydrogen atoms, hydrocarbon or substituted hydrocarbon radicals, directly attached to ring carbon atoms [2]
C07D 307/30	3-Punkt Untergruppe	. . . with hetero atoms or with carbon atoms having three bonds to hetero atoms with at the most one bond to halogen, e.g. ester or nitrile radicals, directly attached to ring carbon atoms [2]
C07D 307/32	4-Punkt Untergruppe	. . . . Oxygen atoms [2]
C07D 307/33	5-Punkt Untergruppe	. . . . . in position 2, the oxygen atom being in its keto or unsubstituted enol form [5]
C07D 307/34	2-Punkt Untergruppe	. . having two or three double bonds between ring members or between ring members and non-ring members [2]
C07D 307/36	3-Punkt Untergruppe	. . . with only hydrogen atoms or radicals containing only hydrogen and carbon atoms, directly attached to ring carbon atoms [2]
C07D 307/38	3-Punkt Untergruppe	. . . with substituted hydrocarbon radicals attached to ring carbon atoms [2]
C07D 307/40	4-Punkt Untergruppe	. . . . Radicals substituted by oxygen atoms [2]
C07D 307/42	5-Punkt Untergruppe	. . . . . Singly bound oxygen atoms (two oxygen atoms bound to the same carbon atom C07D 307/46) [2]
C07D 307/44	6-Punkt Untergruppe	. . . . . Furfuryl alcohol [2]
C07D 307/45	6-Punkt Untergruppe	. . . . . Oxygen atoms acylated by a cyclopropane containing carboxylic acyl radical, e.g. chrysanthemumates [3]
C07D 307/46	5-Punkt Untergruppe	. . . . . Doubly bound oxygen atoms, or two oxygen atoms singly bound to the same carbon atom [2]
C07D 307/48	6-Punkt Untergruppe	. . . . . Furfural [2]
C07D 307/50	7-Punkt Untergruppe	. . . . . Preparation from natural products [2]
C07D 307/52	4-Punkt Untergruppe	. . . . Radicals substituted by nitrogen atoms not forming part of a nitro radical [2]
C07D 307/54	4-Punkt Untergruppe	. . . . Radicals substituted by carbon atoms having three bonds to hetero atoms with at the most one bond to halogen, e.g. ester or nitrile radicals [2]
C07D 307/56	3-Punkt Untergruppe	. . . with hetero atoms or with carbon atoms having three bonds to hetero atoms with at the most one bond to halogen, e.g. ester or nitrile radicals, directly attached to ring carbon atoms [2]
C07D 307/58	4-Punkt Untergruppe	. . . . One oxygen atom, e.g. butenolide [2]
C07D 307/60	4-Punkt Untergruppe	. . . . Two oxygen atoms, e.g. succinic anhydride [2]
C07D 307/62	4-Punkt Untergruppe	. . . . Three oxygen atoms, e.g. ascorbic acid [2]
C07D 307/64	4-Punkt Untergruppe	. . . . Sulfur atoms [2]
C07D 307/66	4-Punkt Untergruppe	. . . . Nitrogen atoms (nitro radicals C07D 307/70) [2]
C07D 307/68	4-Punkt Untergruppe	. . . . Carbon atoms having three bonds to hetero atoms with at the most one bond to halogen [2]
C07D 307/70	4-Punkt Untergruppe	. . . . Nitro radicals [2]
C07D 307/71	5-Punkt Untergruppe	. . . . . attached in position 5 [2]
C07D 307/72	6-Punkt Untergruppe	. . . . . with hydrocarbon radicals, substituted by nitrogen-containing radicals, attached in position 2 [2]
C07D 307/73	7-Punkt Untergruppe	. . . . . by amino or imino, or substituted amino or imino radicals [2]
C07D 307/74	7-Punkt Untergruppe	. . . . . by hydrazino or hydrazono or such substituted radicals [2]

Symbol	Typ	Titel
C07D 307/75	8-Punkt Untergruppe	. . . . . having carboxylic acyl radicals or their thio or nitrogen analogues directly attached to the hydrazino or hydrazono radical, e.g. hydrazides [2]
C07D 307/76	8-Punkt Untergruppe	. . . . . having carbonic acyl radicals or their thio or nitrogen analogues directly attached to the hydrazino or hydrazono radical, e.g. semicarbazides [2, 3]
C07D 307/77	1-Punkt Untergruppe	. ortho- or peri-condensed with carbocyclic rings or ring systems [2]
C07D 307/78	2-Punkt Untergruppe	. . Benzo [b] furans; Hydrogenated benzo [b] furans [2]
C07D 307/79	3-Punkt Untergruppe	. . . with only hydrogen atoms, hydrocarbon or substituted hydrocarbon radicals, directly attached to carbon atoms of the hetero ring [2]
C07D 307/80	4-Punkt Untergruppe	. . . . Radicals substituted by oxygen atoms [2]
C07D 307/81	4-Punkt Untergruppe	. . . . Radicals substituted by nitrogen atoms not forming part of a nitro radical [2]
C07D 307/82	3-Punkt Untergruppe	. . . with hetero atoms or with carbon atoms having three bonds to hetero atoms with at the most one bond to halogen, e.g. ester or nitrile radicals, directly attached to carbon atoms of the hetero ring [2]
C07D 307/83	4-Punkt Untergruppe	. . . . Oxygen atoms [2]
C07D 307/84	4-Punkt Untergruppe	. . . . Carbon atoms having three bonds to hetero atoms with at the most one bond to halogen [2]
C07D 307/85	5-Punkt Untergruppe	. . . . . attached in position 2 [2]
C07D 307/86	3-Punkt Untergruppe	. . . with an oxygen atom directly attached in position 7 [2]
C07D 307/87	2-Punkt Untergruppe	. . Benzo [c] furans; Hydrogenated benzo [c] furans [2]
C07D 307/88	3-Punkt Untergruppe	. . . with one oxygen atom directly attached in position 1 or 3 [2]
C07D 307/885	4-Punkt Untergruppe	. . . . 3,3-Diphenylphthalides [5]
C07D 307/89	3-Punkt Untergruppe	. . . with two oxygen atoms directly attached in positions 1 and 3 [2]
C07D 307/90	3-Punkt Untergruppe	. . . with an oxygen atom in position 1 and a nitrogen atom in position 3, or vice versa [2]
C07D 307/91	2-Punkt Untergruppe	. . Dibenzofurans; Hydrogenated dibenzofurans [2]
C07D 307/92	2-Punkt Untergruppe	. . Naphthofurans; Hydrogenated naphthofurans [2]
C07D 307/93	2-Punkt Untergruppe	. . condensed with a ring other than six-membered [2]
C07D 307/935	3-Punkt Untergruppe	. . . Not further condensed cyclopenta [b] furans or hydrogenated cyclopenta [b] furans [3]
C07D 307/937	4-Punkt Untergruppe	. . . . with hydrocarbon or substituted hydrocarbon radicals directly attached in position 2, e.g. prostacyclins [5]
C07D 307/94	1-Punkt Untergruppe	. spiro-condensed with carbocyclic rings or ring systems, e.g. griseofulvins [2]
C07D 309/00	**Hauptgruppe**	**Heterocyclic compounds containing six-membered rings having one oxygen atom as the only ring hetero atom, not condensed with other rings [2]**
C07D 309/02	1-Punkt Untergruppe	. having no double bonds between ring members or between ring members and non-ring members [2]
C07D 309/04	2-Punkt Untergruppe	. . with only hydrogen atoms, hydrocarbon or substituted hydrocarbon radicals, directly attached to ring carbon atoms [2]
C07D 309/06	3-Punkt Untergruppe	. . . Radicals substituted by oxygen atoms [2]
C07D 309/08	2-Punkt Untergruppe	. . with hetero atoms or with carbon atoms having three bonds to hetero atoms with at the most one bond to halogen, e.g. ester or nitrile radicals, directly attached to ring carbon atoms [2]

Symbol	Typ	Titel
C07D 309/10	3-Punkt Untergruppe	. . . Oxygen atoms [2]
C07D 309/12	4-Punkt Untergruppe	. . . . only hydrogen atoms and one oxygen atom directly attached to ring carbon atoms, e.g. tetrahydropyranyl ethers [2]
C07D 309/14	3-Punkt Untergruppe	. . . Nitrogen atoms not forming part of a nitro radical [2]
C07D 309/16	1-Punkt Untergruppe	. having one double bond between ring members or between a ring member and a non-ring member [2]
C07D 309/18	2-Punkt Untergruppe	. . containing only hydrogen and carbon atoms in addition to the ring hetero atom [2]
C07D 309/20	2-Punkt Untergruppe	. . with hydrogen atoms and substituted hydrocarbon radicals directly attached to ring carbon atoms [2]
C07D 309/22	3-Punkt Untergruppe	. . . Radicals substituted by oxygen atoms [2]
C07D 309/24	4-Punkt Untergruppe	. . . . Methylol radicals [2]
C07D 309/26	4-Punkt Untergruppe	. . . . Carboxaldehyde radicals [2]
C07D 309/28	2-Punkt Untergruppe	. . with hetero atoms or with carbon atoms having three bonds to hetero atoms with at the most one bond to halogen, e.g. ester or nitrile radicals, directly attached to ring carbon atoms [2]
C07D 309/30	3-Punkt Untergruppe	. . . Oxygen atoms, e.g. delta-lactones [2]
C07D 309/32	1-Punkt Untergruppe	. having two double bonds between ring members or between ring members and non-ring members [2]
C07D 309/34	1-Punkt Untergruppe	. having three or more double bonds between ring members or between ring members and non-ring members [2]
C07D 309/36	2-Punkt Untergruppe	. . with oxygen atoms directly attached to ring carbon atoms [2]
C07D 309/38	3-Punkt Untergruppe	. . . one oxygen atom in position 2 or 4, e.g. pyrones [2]
C07D 309/40	3-Punkt Untergruppe	. . . Oxygen atoms attached in positions 3 and 4, e.g. maltol [2]
C07D 311/00	**Hauptgruppe**	**Heterocyclic compounds containing six-membered rings having one oxygen atom as the only hetero atom, condensed with other rings [2]**
C07D 311/02	1-Punkt Untergruppe	. ortho- or peri-condensed with carbocyclic rings or ring systems [2]
C07D 311/04	2-Punkt Untergruppe	. . Benzo [b] pyrans, not hydrogenated in the carbocyclic ring [2]
C07D 311/06	3-Punkt Untergruppe	. . . with oxygen or sulfur atoms directly attached in position 2 [2]
C07D 311/08	4-Punkt Untergruppe	. . . . not hydrogenated in the hetero ring [2]
C07D 311/10	5-Punkt Untergruppe	. . . . . unsubstituted [2]
C07D 311/12	5-Punkt Untergruppe	. . . . . substituted in position 3 and unsubstituted in position 7 [2]
C07D 311/14	5-Punkt Untergruppe	. . . . . substituted in position 6 and unsubstituted in position 7 [2]
C07D 311/16	5-Punkt Untergruppe	. . . . . substituted in position 7 [2]
C07D 311/18	5-Punkt Untergruppe	. . . . . substituted otherwise than in position 3 or 7 (substituted in position 4 by oxygen or sulfur C07D 311/42) [2]
C07D 311/20	4-Punkt Untergruppe	. . . . hydrogenated in the hetero ring [2]
C07D 311/22	3-Punkt Untergruppe	. . . with oxygen or sulfur atoms directly attached in position 4 [2]
C07D 311/24	4-Punkt Untergruppe	. . . . with carbon atoms having three bonds to hetero atoms with at the most one bond to halogen, e.g. ester or nitrile radicals, directly attached in position 2 [2]

Symbol	Typ	Titel
C07D 311/26	4-Punkt Untergruppe	. . . . with aromatic rings attached in position 2 or 3 [2]
C07D 311/28	5-Punkt Untergruppe	. . . . . with aromatic rings attached in position 2 only [2]
C07D 311/30	6-Punkt Untergruppe	. . . . . not hydrogenated in the hetero ring, e.g. flavones [2]
C07D 311/32	6-Punkt Untergruppe	. . . . . 2, 3-Dihydro derivatives, e.g. flavanones [2]
C07D 311/34	5-Punkt Untergruppe	. . . . . with aromatic rings attached in position 3 only [2]
C07D 311/36	6-Punkt Untergruppe	. . . . . not hydrogenated in the hetero ring, e.g. isoflavones [2]
C07D 311/38	6-Punkt Untergruppe	. . . . . 2, 3-Dihydro derivatives, e.g. isoflavanones [2]
C07D 311/40	5-Punkt Untergruppe	. . . . . Separation, e.g. from natural material; Purification [2]
C07D 311/42	3-Punkt Untergruppe	. . . with oxygen or sulfur atoms in positions 2 and 4 [2]
C07D 311/44	4-Punkt Untergruppe	. . . . with one hydrogen atom in position 3 [2]
C07D 311/46	5-Punkt Untergruppe	. . . . . unsubstituted in the carbocyclic ring [2]
C07D 311/48	6-Punkt Untergruppe	. . . . . with two such benzopyran radicals linked together by a carbon chain [2]
C07D 311/50	6-Punkt Untergruppe	. . . . . with elements other than carbon and hydrogen in position 3 [2]
C07D 311/52	6-Punkt Untergruppe	. . . . . Enol-esters or -ethers, or sulfur analogues thereof [2]
C07D 311/54	5-Punkt Untergruppe	. . . . . substituted in the carbocyclic ring [2]
C07D 311/56	4-Punkt Untergruppe	. . . . without hydrogen atoms in position 3 [2]
C07D 311/58	3-Punkt Untergruppe	. . . other than with oxygen or sulfur atoms in position 2 or 4 [2]
C07D 311/60	4-Punkt Untergruppe	. . . . with aryl radicals attached in position 2 [2]
C07D 311/62	5-Punkt Untergruppe	. . . . . with oxygen atoms directly attached in position 3, e.g. anthocyanidins [2]
C07D 311/64	4-Punkt Untergruppe	. . . . with oxygen atoms directly attached in position 8 [2]
C07D 311/66	4-Punkt Untergruppe	. . . . with carbon atoms having three bonds to hetero atoms with at the most one bond to halogen, e.g. ester or nitrile radicals, directly attached in position 2 [2]
C07D 311/68	4-Punkt Untergruppe	. . . . with nitrogen atoms directly attached in position 4 [2]
C07D 311/70	4-Punkt Untergruppe	. . . . with two hydrocarbon radicals attached in position 2 and elements other than carbon and hydrogen in position 6 [2]
C07D 311/72	5-Punkt Untergruppe	. . . . . 3, 4-Dihydro derivatives having in position 2 at least one methyl radical and in position 6 one oxygen atom, e.g. tocopherols [2]
C07D 311/74	2-Punkt Untergruppe	. . Benzo [b] pyrans, hydrogenated in the carbocyclic ring [2]
C07D 311/76	2-Punkt Untergruppe	. . Benzo [c] pyrans [2]
C07D 311/78	2-Punkt Untergruppe	. . Ring systems having three or more relevant rings [2]
C07D 311/80	3-Punkt Untergruppe	. . . Dibenzopyrans; Hydrogenated dibenzopyrans [2]
C07D 311/82	4-Punkt Untergruppe	. . . . Xanthenes [2]
C07D 311/84	5-Punkt Untergruppe	. . . . . with hetero atoms or with carbon atoms having three bonds to hetero atoms with at the most one bond to halogen, e.g. ester or nitrile radicals, directly attached in position 9 [2]

Symbol	Typ	Titel
C07D 311/86	6-Punkt Untergruppe	. . . . . Oxygen atoms, e.g. xanthones [2]
C07D 311/88	6-Punkt Untergruppe	. . . . . Nitrogen atoms [2]
C07D 311/90	5-Punkt Untergruppe	. . . . . with hydrocarbon radicals, substituted by amino radicals, directly attached in position 9 [2]
C07D 311/92	3-Punkt Untergruppe	. . . Naphthopyrans; Hydrogenated naphthopyrans [2]
C07D 311/94	2-Punkt Untergruppe	. . condensed with rings other than six-membered or with ring systems containing such rings [2, 5]
C07D 311/96	1-Punkt Untergruppe	. spiro-condensed with carbocyclic rings or ring systems [2]
C07D 313/00	**Hauptgruppe**	**Heterocyclic compounds containing rings of more than six members having one oxygen atom as the only ring hetero atom [2]**
C07D 313/02	1-Punkt Untergruppe	. Seven-membered rings [2]
C07D 313/04	2-Punkt Untergruppe	. . not condensed with other rings [2]
C07D 313/06	2-Punkt Untergruppe	. . condensed with carbocyclic rings or ring systems [2]
C07D 313/08	3-Punkt Untergruppe	. . . condensed with one six-membered ring [2]
C07D 313/10	3-Punkt Untergruppe	. . . condensed with two six-membered rings [2]
C07D 313/12	4-Punkt Untergruppe	. . . . [b, e]-condensed [2]
C07D 313/14	4-Punkt Untergruppe	. . . . [b, f]-condensed [2]
C07D 313/16	1-Punkt Untergruppe	. Eight-membered rings [2]
C07D 313/18	2-Punkt Untergruppe	. . not condensed with other rings [2]
C07D 313/20	2-Punkt Untergruppe	. . condensed with carbocyclic rings or ring systems [2]
C07D 315/00	**Hauptgruppe**	**Heterocyclic compounds containing rings having one oxygen atom as the only ring hetero atom according to more than one of groups C07D 303/00 to C07D 313/00 [2]**
C07D 317/00	**Hauptgruppe**	**Heterocyclic compounds containing five-membered rings having two oxygen atoms as the only ring hetero atoms [2]**
C07D 317/02	1-Punkt Untergruppe	. having the hetero atoms in positions 1 and 2 [2]
C07D 317/04	2-Punkt Untergruppe	. . not condensed with other rings [2]
C07D 317/06	2-Punkt Untergruppe	. . condensed with carbocyclic rings or ring systems [2]
C07D 317/08	1-Punkt Untergruppe	. having the hetero atoms in positions 1 and 3 [2]
C07D 317/10	2-Punkt Untergruppe	. . not condensed with other rings [2]
C07D 317/12	3-Punkt Untergruppe	. . . with only hydrogen atoms or radicals containing only hydrogen and carbon atoms, directly attached to ring carbon atoms [2]
C07D 317/14	3-Punkt Untergruppe	. . . with substituted hydrocarbon radicals attached to ring carbon atoms [2]
C07D 317/16	4-Punkt Untergruppe	. . . . Radicals substituted by halogen atoms or nitro radicals [2]
C07D 317/18	4-Punkt Untergruppe	. . . . Radicals substituted by singly bound oxygen or sulfur atoms [2]
C07D 317/20	5-Punkt Untergruppe	. . . . . Free hydroxyl or mercaptan [2]
C07D 317/22	5-Punkt Untergruppe	. . . . . etherified [2]
C07D 317/24	5-Punkt Untergruppe	. . . . . esterified [2]

Symbol	Typ	Titel
C07D 317/26	4-Punkt Untergruppe	. . . . Radicals substituted by doubly bound oxygen or sulfur atoms or by two such atoms singly bound to the same carbon atom [2]
C07D 317/28	4-Punkt Untergruppe	. . . . Radicals substituted by nitrogen atoms (nitro radicals C07D 317/16) [2]
C07D 317/30	4-Punkt Untergruppe	. . . . Radicals substituted by carbon atoms having three bonds to hetero atoms with at the most one bond to halogen, e.g. ester or nitrile radicals [2]
C07D 317/32	3-Punkt Untergruppe	. . . with hetero atoms or with carbon atoms having three bonds to hetero atoms with at the most one bond to halogen, e.g. ester or nitrile radicals, directly attached to ring carbon atoms [2]
C07D 317/34	4-Punkt Untergruppe	. . . . Oxygen atoms [2]
C07D 317/36	5-Punkt Untergruppe	. . . . . Alkylene carbonates; Substituted alkylene carbonates [2]
C07D 317/38	6-Punkt Untergruppe	. . . . . Ethylene carbonate [2]
C07D 317/40	5-Punkt Untergruppe	. . . . . Vinylene carbonate; Substituted vinylene carbonates [2]
C07D 317/42	4-Punkt Untergruppe	. . . . Halogen atoms or nitro radicals [2]
C07D 317/44	2-Punkt Untergruppe	. . ortho- or peri-condensed with carbocyclic rings or ring systems [2]
C07D 317/46	3-Punkt Untergruppe	. . . condensed with one six-membered ring [2]
C07D 317/48	4-Punkt Untergruppe	. . . . Methylenedioxybenzenes or hydrogenated methylenedioxybenzenes, unsubstituted on the hetero ring [2]
C07D 317/50	5-Punkt Untergruppe	. . . . . with only hydrogen atoms, hydrocarbon or substituted hydrocarbon radicals, directly attached to atoms of the carbocyclic ring [2]
C07D 317/52	6-Punkt Untergruppe	. . . . . Radicals substituted by halogen atoms or nitro radicals [2]
C07D 317/54	6-Punkt Untergruppe	. . . . . Radicals substituted by oxygen atoms [2]
C07D 317/56	6-Punkt Untergruppe	. . . . . Radicals substituted by sulfur atoms [2]
C07D 317/58	6-Punkt Untergruppe	. . . . . Radicals substituted by nitrogen atoms (nitro radicals C07D 317/52) [2]
C07D 317/60	6-Punkt Untergruppe	. . . . . Radicals substituted by carbon atoms having three bonds to hetero atoms with at the most one bond to halogen, e.g. ester or nitrile radicals [2]
C07D 317/62	5-Punkt Untergruppe	. . . . . with hetero atoms or with carbon atoms having three bonds to hetero atoms with at the most one bond to halogen, e.g. ester or nitrile radicals, directly attached to atoms of the carbocyclic ring [2]
C07D 317/64	6-Punkt Untergruppe	. . . . . Oxygen atoms [2]
C07D 317/66	6-Punkt Untergruppe	. . . . . Nitrogen atoms not forming part of a nitro radical [2]
C07D 317/68	6-Punkt Untergruppe	. . . . . Carbon atoms having three bonds to hetero atoms with at the most one bond to halogen [2]
C07D 317/70	3-Punkt Untergruppe	. . . condensed with ring systems containing two or more relevant rings [2]
C07D 317/72	2-Punkt Untergruppe	. . spiro-condensed with carbocyclic rings [2]
C07D 319/00	**Hauptgruppe**	**Heterocyclic compounds containing six-membered rings having two oxygen atoms as the only ring hetero atoms [2]**
C07D 319/02	1-Punkt Untergruppe	. 1,2-Dioxanes; Hydrogenated 1,2-dioxanes [2]
C07D 319/04	1-Punkt Untergruppe	. 1,3-Dioxanes; Hydrogenated 1,3-dioxanes [2]
C07D 319/06	2-Punkt Untergruppe	. . not condensed with other rings [2]

Symbol	Typ	Titel
C07D 319/08	2-Punkt Untergruppe	. . condensed with carbocyclic rings or ring systems [2]
C07D 319/10	1-Punkt Untergruppe	. 1,4-Dioxanes; Hydrogenated 1,4-dioxanes [2]
C07D 319/12	2-Punkt Untergruppe	. . not condensed with other rings [2]
C07D 319/14	2-Punkt Untergruppe	. . condensed with carbocyclic rings or ring systems [2]
C07D 319/16	3-Punkt Untergruppe	. . . condensed with one six-membered ring [2]
C07D 319/18	4-Punkt Untergruppe	. . . . Ethylenedioxybenzenes, not substituted on the hetero ring [2]
C07D 319/20	4-Punkt Untergruppe	. . . . with substituents attached to the hetero ring [2]
C07D 319/22	3-Punkt Untergruppe	. . . condensed with one naphthalene or hydrogenated naphthalene ring system [2]
C07D 319/24	3-Punkt Untergruppe	. . . [b, e]-condensed with two six-membered rings [2]
C07D 321/00	**Hauptgruppe**	**Heterocyclic compounds containing rings having two oxygen atoms as the only ring hetero atoms, not provided for by groups C07D 317/00 to C07D 319/00 [2]**
C07D 321/02	1-Punkt Untergruppe	. Seven-membered rings [2]
C07D 321/04	2-Punkt Untergruppe	. . not condensed with other rings [2]
C07D 321/06	3-Punkt Untergruppe	. . . 1, 3-Dioxepines; Hydrogenated 1,3-dioxepines [2]
C07D 321/08	3-Punkt Untergruppe	. . . 1, 4-Dioxepines; Hydrogenated 1,4-dioxepines [2]
C07D 321/10	2-Punkt Untergruppe	. . condensed with carbocyclic rings or ring systems [2]
C07D 321/12	1-Punkt Untergruppe	. Eight-membered rings [2]
C07D 323/00	**Hauptgruppe**	**Heterocyclic compounds containing more than two oxygen atoms as the only ring hetero atoms [2]**
C07D 323/02	1-Punkt Untergruppe	. Five-membered rings [2]
C07D 323/04	1-Punkt Untergruppe	. Six-membered rings [2]
C07D 323/06	2-Punkt Untergruppe	. . Trioxane [2]
C07D 325/00	**Hauptgruppe**	**Heterocyclic compounds containing rings having oxygen as the only ring hetero atom according to more than one of groups C07D 303/00 to C07D 323/00 [2]**
C07D 327/00	**Hauptgruppe**	**Heterocyclic compounds containing rings having oxygen and sulfur atoms as the only ring hetero atoms [2]**
C07D 327/02	1-Punkt Untergruppe	. one oxygen atom and one sulfur atom [2]
C07D 327/04	2-Punkt Untergruppe	. . Five-membered rings [2]
C07D 327/06	2-Punkt Untergruppe	. . Six-membered rings [2]
C07D 327/08	3-Punkt Untergruppe	. . . [b, e]-condensed with two six-membered carbocyclic rings [2]
C07D 327/10	1-Punkt Untergruppe	. two oxygen atoms and one sulfur atom, e.g. cyclic sulfates [2]
C07D 329/00	**Hauptgruppe**	**Heterocyclic compounds containing rings having oxygen and selenium or oxygen and tellurium atoms as the only ring hetero atoms [2]**
		Heterocyclic compounds having sulfur, selenium, or tellurium atoms as the only ring hetero atoms [2]
C07D 331/00	**Hauptgruppe**	**Heterocyclic compounds containing rings of less than five members, having one sulfur atom as the only ring hetero atom [2]**
C07D 331/02	1-Punkt Untergruppe	. Three-membered rings [2]

Symbol	Typ	Titel
C07D 331/04	1-Punkt Untergruppe	. Four-membered rings [2]
C07D 333/00	**Hauptgruppe**	**Heterocyclic compounds containing five-membered rings having one sulfur atom as the only ring hetero atom [2]**
C07D 333/02	1-Punkt Untergruppe	. not condensed with other rings [2]
C07D 333/04	2-Punkt Untergruppe	. . not substituted on the ring sulfur atom [2]
C07D 333/06	3-Punkt Untergruppe	. . . with only hydrogen atoms, hydrocarbon or substituted hydrocarbon radicals, directly attached to the ring carbon atoms [2]
C07D 333/08	4-Punkt Untergruppe	. . . . Hydrogen atoms or radicals containing only hydrogen and carbon atoms [2]
C07D 333/10	5-Punkt Untergruppe	. . . . . Thiophene [2]
C07D 333/12	4-Punkt Untergruppe	. . . . Radicals substituted by halogen atoms or nitro or nitroso radicals [2]
C07D 333/14	4-Punkt Untergruppe	. . . . Radicals substituted by singly bound hetero atoms other than halogen [2]
C07D 333/16	5-Punkt Untergruppe	. . . . . by oxygen atoms [2]
C07D 333/18	5-Punkt Untergruppe	. . . . . by sulfur atoms [2]
C07D 333/20	5-Punkt Untergruppe	. . . . . by nitrogen atoms (nitro, nitroso radicals C07D 333/12) [2]
C07D 333/22	4-Punkt Untergruppe	. . . . Radicals substituted by doubly bound hetero atoms, or by two hetero atoms other than halogen singly bound to the same carbon atom [2]
C07D 333/24	4-Punkt Untergruppe	. . . . Radicals substituted by carbon atoms having three bonds to hetero atoms with at the most one bond to halogen, e.g. ester or nitrile radicals [2]
C07D 333/26	3-Punkt Untergruppe	. . . with hetero atoms or with carbon atoms having three bonds to hetero atoms with at the most one bond to halogen, e.g. ester or nitrile radicals, directly attached to ring carbon atoms [2]
C07D 333/28	4-Punkt Untergruppe	. . . . Halogen atoms [2]
C07D 333/30	4-Punkt Untergruppe	. . . . Hetero atoms other than halogen [2]
C07D 333/32	5-Punkt Untergruppe	. . . . . Oxygen atoms [2]
C07D 333/34	5-Punkt Untergruppe	. . . . . Sulfur atoms [2]
C07D 333/36	5-Punkt Untergruppe	. . . . . Nitrogen atoms (nitro, nitroso radicals C07D 333/42) [2]
C07D 333/38	4-Punkt Untergruppe	. . . . Carbon atoms having three bonds to hetero atoms with at the most one bond to halogen, e.g. ester or nitrile radicals [2]
C07D 333/40	5-Punkt Untergruppe	. . . . . Thiophene-2-carboxylic acid [2]
C07D 333/42	4-Punkt Untergruppe	. . . . with nitro or nitroso radicals directly attached to ring carbon atoms [2]
C07D 333/44	5-Punkt Untergruppe	. . . . . attached in position 5 [2]
C07D 333/46	2-Punkt Untergruppe	. . substituted on the ring sulfur atom [2]
C07D 333/48	3-Punkt Untergruppe	. . . by oxygen atoms [2]
C07D 333/50	1-Punkt Untergruppe	. condensed with carbocyclic rings or ring systems [2]
C07D 333/52	2-Punkt Untergruppe	. . Benzo [b] thiophenes; Hydrogenated benzo [b] thiophenes [2]
C07D 333/54	3-Punkt Untergruppe	. . . with only hydrogen atoms, hydrocarbon or substituted hydrocarbon radicals, directly attached to carbon atoms of the hetero ring [2]

Symbol	Typ	Titel
C07D 333/56	4-Punkt Untergruppe	. . . . Radicals substituted by oxygen atoms [2]
C07D 333/58	4-Punkt Untergruppe	. . . . Radicals substituted by nitrogen atoms [2]
C07D 333/60	4-Punkt Untergruppe	. . . . Radicals substituted by carbon atoms having three bonds to hetero atoms with at the most one bond to halogen, e.g. ester or nitrile radicals [2]
C07D 333/62	3-Punkt Untergruppe	. . . with hetero atoms or with carbon atoms having three bonds to hetero atoms with at the most one bond to halogen, e.g. ester or nitrile radicals, directly attached to carbon atoms of the hetero ring [2]
C07D 333/64	4-Punkt Untergruppe	. . . . Oxygen atoms [2]
C07D 333/66	4-Punkt Untergruppe	. . . . Nitrogen atoms not forming part of a nitro radical [2]
C07D 333/68	4-Punkt Untergruppe	. . . . Carbon atoms having three bonds to hetero atoms with at the most one bond to halogen [2]
C07D 333/70	5-Punkt Untergruppe	. . . . . attached in position 2 [2]
C07D 333/72	2-Punkt Untergruppe	. . Benzo [c] thiophenes; Hydrogenated benzo [c] thiophenes [2]
C07D 333/74	2-Punkt Untergruppe	. . Naphthothiophenes [2]
C07D 333/76	2-Punkt Untergruppe	. . Dibenzothiophenes [2]
C07D 333/78	2-Punkt Untergruppe	. . condensed with rings other than six-membered or with ring systems containing such rings [2, 5]
C07D 333/80	3-Punkt Untergruppe	. . . Seven-membered rings [2]
C07D 335/00	**Hauptgruppe**	**Heterocyclic compounds containing six-membered rings having one sulfur atom as the only ring hetero atom [2]**
C07D 335/02	1-Punkt Untergruppe	. not condensed with other rings [2]
C07D 335/04	1-Punkt Untergruppe	. condensed with carbocyclic rings or ring systems [2]
C07D 335/06	2-Punkt Untergruppe	. . Benzothiopyrans; Hydrogenated benzothiopyrans [2]
C07D 335/08	2-Punkt Untergruppe	. . Naphthothiopyrans; Hydrogenated naphthothiopyrans [2]
C07D 335/10	2-Punkt Untergruppe	. . Dibenzothiopyrans; Hydrogenated dibenzothiopyrans [2]
C07D 335/12	3-Punkt Untergruppe	. . . Thioxanthenes [2]
C07D 335/14	4-Punkt Untergruppe	. . . . with hetero atoms or with carbon atoms having three bonds to hetero atoms with at the most one bond to halogen, e.g. ester or nitrile radicals, directly attached in position 9 [2]
C07D 335/16	5-Punkt Untergruppe	. . . . . Oxygen atoms, e.g. thioxanthones [2]
C07D 335/18	5-Punkt Untergruppe	. . . . . Nitrogen atoms [2]
C07D 335/20	4-Punkt Untergruppe	. . . . with hydrocarbon radicals, substituted by amino radicals, directly attached in position 9 [2]
C07D 337/00	**Hauptgruppe**	**Heterocyclic compounds containing rings of more than six members having one sulfur atom as the only ring hetero atom [2]**
C07D 337/02	1-Punkt Untergruppe	. Seven-membered rings [2]
C07D 337/04	2-Punkt Untergruppe	. . not condensed with other rings [2]
C07D 337/06	2-Punkt Untergruppe	. . condensed with carbocyclic rings or ring systems [2]
C07D 337/08	3-Punkt Untergruppe	. . . condensed with one six-membered ring [2]
C07D 337/10	3-Punkt Untergruppe	. . . condensed with two six-membered rings [2]

Symbol	Typ	Titel
C07D 337/12	4-Punkt Untergruppe	. . . . [b, e]-condensed [2]
C07D 337/14	4-Punkt Untergruppe	. . . . [b, f]-condensed [2]
C07D 337/16	1-Punkt Untergruppe	. Eight-membered rings [2]
C07D 339/00	**Hauptgruppe**	**Heterocyclic compounds containing rings having two sulfur atoms as the only ring hetero atoms [2]**
C07D 339/02	1-Punkt Untergruppe	. Five-membered rings [2]
C07D 339/04	2-Punkt Untergruppe	. . having the hetero atoms in positions 1 and 2, e.g. lipoic acid [2]
C07D 339/06	2-Punkt Untergruppe	. . having the hetero atoms in positions 1 and 3, e.g. cyclic dithiocarbonates [2]
C07D 339/08	1-Punkt Untergruppe	. Six-membered rings [2]
C07D 341/00	**Hauptgruppe**	**Heterocyclic compounds containing rings having three or more sulfur atoms as the only ring hetero atoms [2]**
C07D 343/00	**Hauptgruppe**	**Heterocyclic compounds containing rings having sulfur and selenium or sulfur and tellurium atoms as the only ring hetero atoms [2]**
C07D 345/00	**Hauptgruppe**	**Heterocyclic compounds containing rings having selenium or tellurium atoms as the only ring hetero atoms [2]**
C07D 347/00	**Hauptgruppe**	**Heterocyclic compounds containing rings having halogen atoms as ring hetero atoms [2]**
		Heterocyclic compounds containing two or more hetero rings [2]
C07D 401/00	**Hauptgruppe**	**Heterocyclic compounds containing two or more hetero rings, having nitrogen atoms as the only ring hetero atoms, at least one ring being a six-membered ring with only one nitrogen atom [2]**
C07D 401/02	1-Punkt Untergruppe	. containing two hetero rings [2]
C07D 401/04	2-Punkt Untergruppe	. . directly linked by a ring-member-to-ring- member bond [2]
C07D 401/06	2-Punkt Untergruppe	. . linked by a carbon chain containing only aliphatic carbon atoms [2]
C07D 401/08	2-Punkt Untergruppe	. . linked by a carbon chain containing alicyclic rings [2]
C07D 401/10	2-Punkt Untergruppe	. . linked by a carbon chain containing aromatic rings [2]
C07D 401/12	2-Punkt Untergruppe	. . linked by a chain containing hetero atoms as chain links [2]
C07D 401/14	1-Punkt Untergruppe	. containing three or more hetero rings [2]
C07D 403/00	**Hauptgruppe**	**Heterocyclic compounds containing two or more hetero rings, having nitrogen atoms as the only ring hetero atoms, not provided for by group C07D 401/00 [2]**
C07D 403/02	1-Punkt Untergruppe	. containing two hetero rings [2]
C07D 403/04	2-Punkt Untergruppe	. . directly linked by a ring-member-to-ring- member bond [2]
C07D 403/06	2-Punkt Untergruppe	. . linked by a carbon chain containing only aliphatic carbon atoms [2]
C07D 403/08	2-Punkt Untergruppe	. . linked by a carbon chain containing alicyclic rings [2]
C07D 403/10	2-Punkt Untergruppe	. . linked by a carbon chain containing aromatic rings [2]
C07D 403/12	2-Punkt Untergruppe	. . linked by a chain containing hetero atoms as chain links [2]
C07D 403/14	1-Punkt Untergruppe	. containing three or more hetero rings [2]
C07D 405/00	**Hauptgruppe**	**Heterocyclic compounds containing both one or more hetero rings having oxygen atoms as the only ring hetero atoms, and one or more rings having nitrogen as the only ring hetero atom [2]**
C07D 405/02	1-Punkt Untergruppe	. containing two hetero rings [2]

Symbol	Typ	Titel
C07D 405/04	2-Punkt Untergruppe	. . directly linked by a ring-member-to-ring- member bond [2]
C07D 405/06	2-Punkt Untergruppe	. . linked by a carbon chain containing only aliphatic carbon atoms [2]
C07D 405/08	2-Punkt Untergruppe	. . linked by a carbon chain containing alicyclic rings [2]
C07D 405/10	2-Punkt Untergruppe	. . linked by a carbon chain containing aromatic rings [2]
C07D 405/12	2-Punkt Untergruppe	. . linked by a chain containing hetero atoms as chain links [2]
C07D 405/14	1-Punkt Untergruppe	. containing three or more hetero rings [2]
C07D 407/00	**Hauptgruppe**	**Heterocyclic compounds containing two or more hetero rings, at least one ring having oxygen atoms as the only ring hetero atoms, not provided for by group C07D 405/00 [2]**
C07D 407/02	1-Punkt Untergruppe	. containing two hetero rings [2]
C07D 407/04	2-Punkt Untergruppe	. . directly linked by a ring-member-to-ring- member bond [2]
C07D 407/06	2-Punkt Untergruppe	. . linked by a carbon chain containing only aliphatic carbon atoms [2]
C07D 407/08	2-Punkt Untergruppe	. . linked by a carbon chain containing alicyclic rings [2]
C07D 407/10	2-Punkt Untergruppe	. . linked by a carbon chain containing aromatic rings [2]
C07D 407/12	2-Punkt Untergruppe	. . linked by a chain containing hetero atoms as chain links [2]
C07D 407/14	1-Punkt Untergruppe	. containing three or more hetero rings [2]
C07D 409/00	**Hauptgruppe**	**Heterocyclic compounds containing two or more hetero rings, at least one ring having sulfur atoms as the only ring hetero atoms [2]**
C07D 409/02	1-Punkt Untergruppe	. containing two hetero rings [2]
C07D 409/04	2-Punkt Untergruppe	. . directly linked by a ring-member-to-ring- member bond [2]
C07D 409/06	2-Punkt Untergruppe	. . linked by a carbon chain containing only aliphatic carbon atoms [2]
C07D 409/08	2-Punkt Untergruppe	. . linked by a carbon chain containing alicyclic rings [2]
C07D 409/10	2-Punkt Untergruppe	. . linked by a carbon chain containing aromatic rings [2]
C07D 409/12	2-Punkt Untergruppe	. . linked by a chain containing hetero atoms as chain links [2]
C07D 409/14	1-Punkt Untergruppe	. containing three or more hetero rings [2]
C07D 411/00	**Hauptgruppe**	**Heterocyclic compounds containing two or more hetero rings, at least one ring having oxygen and sulfur atoms as the only ring hetero atoms [2]**
C07D 411/02	1-Punkt Untergruppe	. containing two hetero rings [2]
C07D 411/04	2-Punkt Untergruppe	. . directly linked by a ring-member-to-ring- member bond [2]
C07D 411/06	2-Punkt Untergruppe	. . linked by a carbon chain containing only aliphatic carbon atoms [2]
C07D 411/08	2-Punkt Untergruppe	. . linked by a carbon chain containing alicyclic rings [2]
C07D 411/10	2-Punkt Untergruppe	. . linked by a carbon chain containing aromatic rings [2]
C07D 411/12	2-Punkt Untergruppe	. . linked by a chain containing hetero atoms as chain links [2]
C07D 411/14	1-Punkt Untergruppe	. containing three or more hetero rings [2]
C07D 413/00	**Hauptgruppe**	**Heterocyclic compounds containing two or more hetero rings, at least one ring having nitrogen and oxygen atoms as the only ring hetero atoms [2]**

Symbol	Typ	Titel
C07D 413/02	1-Punkt Untergruppe	. containing two hetero rings [2]
C07D 413/04	2-Punkt Untergruppe	. . directly linked by a ring-member-to-ring- member bond [2]
C07D 413/06	2-Punkt Untergruppe	. . linked by a carbon chain containing only aliphatic carbon atoms [2]
C07D 413/08	2-Punkt Untergruppe	. . linked by a carbon chain containing alicyclic rings [2]
C07D 413/10	2-Punkt Untergruppe	. . linked by a carbon chain containing aromatic rings [2]
C07D 413/12	2-Punkt Untergruppe	. . linked by a chain containing hetero atoms as chain links [2]
C07D 413/14	1-Punkt Untergruppe	. containing three or more hetero rings [2]
C07D 415/00	**Hauptgruppe**	**Heterocyclic compounds containing the thiamine skeleton [2]**
C07D 417/00	**Hauptgruppe**	**Heterocyclic compounds containing two or more hetero rings, at least one ring having nitrogen and sulfur atoms as the only ring hetero atoms, not provided for by group C07D 415/00 [2]**
C07D 417/02	1-Punkt Untergruppe	. containing two hetero rings [2]
C07D 417/04	2-Punkt Untergruppe	. . directly linked by a ring-member-to-ring- member bond [2]
C07D 417/06	2-Punkt Untergruppe	. . linked by a carbon chain containing only aliphatic carbon atoms [2]
C07D 417/08	2-Punkt Untergruppe	. . linked by a carbon chain containing alicyclic rings [2]
C07D 417/10	2-Punkt Untergruppe	. . linked by a carbon chain containing aromatic rings [2]
C07D 417/12	2-Punkt Untergruppe	. . linked by a chain containing hetero atoms as chain links [2]
C07D 417/14	1-Punkt Untergruppe	. containing three or more hetero rings [2]
C07D 419/00	**Hauptgruppe**	**Heterocyclic compounds containing two or more hetero rings, at least one ring having nitrogen, oxygen, and sulfur atoms as the only ring hetero atoms [2]**
C07D 419/02	1-Punkt Untergruppe	. containing two hetero rings [2]
C07D 419/04	2-Punkt Untergruppe	. . directly linked by a ring-member-to-ring- member bond [2]
C07D 419/06	2-Punkt Untergruppe	. . linked by a carbon chain containing only aliphatic carbon atoms [2]
C07D 419/08	2-Punkt Untergruppe	. . linked by a carbon chain containing alicyclic rings [2]
C07D 419/10	2-Punkt Untergruppe	. . linked by a carbon chain containing aromatic rings [2]
C07D 419/12	2-Punkt Untergruppe	. . linked by a chain containing hetero atoms as chain links [2]
C07D 419/14	1-Punkt Untergruppe	. containing three or more hetero rings [2]
C07D 421/00	**Hauptgruppe**	**Heterocyclic compounds containing two or more hetero rings, at least one ring having selenium, tellurium, or halogen atoms as ring hetero atoms [2]**
C07D 421/02	1-Punkt Untergruppe	. containing two hetero rings [2]
C07D 421/04	2-Punkt Untergruppe	. . directly linked by a ring-member-to-ring- member bond [2]
C07D 421/06	2-Punkt Untergruppe	. . linked by a carbon chain containing only aliphatic carbon atoms [2]
C07D 421/08	2-Punkt Untergruppe	. . linked by a carbon chain containing alicyclic rings [2]
C07D 421/10	2-Punkt Untergruppe	. . linked by a carbon chain containing aromatic rings [2]
C07D 421/12	2-Punkt Untergruppe	. . linked by a chain containing hetero atoms as chain links [2]
C07D 421/14	1-Punkt Untergruppe	. containing three or more hetero rings [2]

Symbol	Typ	Titel
		Heterocyclic compounds containing condensed hetero ring systems [2]
C07D 451/00	**Hauptgruppe**	**Heterocyclic compounds containing 8-azabicyclo [3.2.1] octane, 9-azabicyclo [3.3.1] nonane, or 3-oxa-9-azatricyclo [3.3.1.0(2,4(] nonane ring systems, e.g. tropane or granatane alkaloids, scopolamine; Cyclic acetals thereof [2]**
C07D 451/02	1-Punkt Untergruppe	. containing not further condensed 8-azabicyclo [3.2.1] octane or 3-oxa-9-azatricyclo [3.3.1.0(2,4(] nonane ring systems, e.g. tropane; Cyclic acetals thereof [2]
C07D 451/04	2-Punkt Untergruppe	. . with hetero atoms directly attached in position 3 of the 8-azabicyclo [3.2.1] octane or in position 7 of the 3-oxa-9-azatricyclo [3.3.1.0(2,4(] nonane ring system [2]
C07D 451/06	3-Punkt Untergruppe	. . . Oxygen atoms [2]
C07D 451/08	4-Punkt Untergruppe	. . . . Diarylmethoxy radicals [2]
C07D 451/10	4-Punkt Untergruppe	. . . . acylated by aliphatic or araliphatic carboxylic acids, e.g. atropine, scopolamine [2]
C07D 451/12	4-Punkt Untergruppe	. . . . acylated by aromatic or heteroaromatic carboxylic acids, e.g. cocaine [2]
C07D 451/14	1-Punkt Untergruppe	. containing 9-azabicyclo [3.3.1] nonane ring systems, e.g. granatane, 2-aza-adamantane; Cyclic acetals thereof [2]
C07D 453/00	**Hauptgruppe**	**Heterocyclic compounds containing quinuclidine or iso-quinuclidine ring systems, e.g. quinine alkaloids [2]**
C07D 453/02	1-Punkt Untergruppe	. containing not further condensed quinuclidine ring systems [2]
C07D 453/04	2-Punkt Untergruppe	. . having a quinolyl-4, a substituted quinolyl-4 or a alkylenedioxy-quinolyl-4 radical linked through only one carbon atom, attached in position 2, e.g. quinine [2]
C07D 453/06	1-Punkt Untergruppe	. containing iso-quinuclidine ring systems [2]
C07D 455/00	**Hauptgruppe**	**Heterocyclic compounds containing quinolizine ring systems, e.g. emetine alkaloids, protoberberine; Alkylenedioxy derivatives of dibenzo [a, g] quinolizines, e.g. berberine [2]**
C07D 455/02	1-Punkt Untergruppe	. containing not further condensed quinolizine ring systems [2]
C07D 455/03	1-Punkt Untergruppe	. containing quinolizine ring systems directly condensed with at least one six-membered carbocyclic ring, e.g. protoberberine; Alkylenedioxy derivatives of dibenzo [a, g] quinolizines, e.g. berberine [3]
C07D 455/04	2-Punkt Untergruppe	. . containing a quinolizine ring system condensed with only one six-membered carbocyclic ring, e.g. julolidine [2, 3]
C07D 455/06	3-Punkt Untergruppe	. . . containing benzo [a] quinolizine ring systems [2, 3]
C07D 455/08	4-Punkt Untergruppe	. . . . having an isoquinolyl-1, a substituted isoquinolyl-1 or an alkylenedioxyisoquinolyl-1 radical linked through only one carbon atom, attached in position 2, e.g. emetine [2, 3]
C07D 457/00	**Hauptgruppe**	**Heterocyclic compounds containing indolo [4, 3-f, g] quinoline ring systems, e.g. derivatives of ergoline, of the formula: [Bild nicht vorhanden.] , e.g. lysergic acid (compounds of the cyclic peptide type derived from ergotamane C07D 519/02) [2]**
C07D 457/02	1-Punkt Untergruppe	. with hydrocarbon or substituted hydrocarbon radicals, attached in position 8 [2]
C07D 457/04	1-Punkt Untergruppe	. with carbon atoms having three bonds to hetero atoms with at the most one bond to halogen, e.g. ester or nitrile radicals, directly attached in position 8 [2]
C07D 457/06	2-Punkt Untergruppe	. . Lysergic acid amides [2]
C07D 457/08	3-Punkt Untergruppe	. . . in which the amide nitrogen is a member of a heterocyclic ring [2]
C07D 457/10	1-Punkt Untergruppe	. with hetero atoms directly attached in position 8 [2]
C07D 457/12	2-Punkt Untergruppe	. . Nitrogen atoms [2]
C07D 457/14	1-Punkt Untergruppe	. containing indolo [4, 3-f, g] quinoline ring systems condensed with carbocyclic rings or ring systems [3]

Symbol	Typ	Titel
C07D 459/00	**Hauptgruppe**	**Heterocyclic compounds containing benz [g] indolo [2, 3-a] quinolizine ring systems, e.g. yohimbine; 16, 18-lactones thereof, e.g. reserpic acid lactone [2]**
C07D 461/00	**Hauptgruppe**	**Heterocyclic compounds containing indolo [3, 2, 1-d, e] pyrido [3, 2, 1-i, j] [1, 5]-naphthyridine ring systems, e.g. vincamine (dimeric indolo alkaloids C07D 519/04) [3]**
C07D 463/00	**Hauptgruppe**	**Heterocyclic compounds containing 1-azabicyclo [4.2.0] octane ring systems, i.e. compounds containing a ring system of the formula: [Bild nicht vorhanden.] , e.g. carbacephalosporins; Such ring systems being further condensed, e.g. 2,3-condensed with an oxygen-, nitrogen- or sulfur-containing hetero ring [5]**
C07D 463/02	1-Punkt Untergruppe	. Preparation (by microbiological processes C12P 17/18) [6]
C07D 463/04	2-Punkt Untergruppe	. . by forming the ring or condensed ring systems [6]
C07D 463/06	2-Punkt Untergruppe	. . from compounds already containing the ring or condensed ring systems, e.g. by dehydrogenation of the ring, by introduction, elimination or modification of substituents [6]
C07D 463/08	3-Punkt Untergruppe	. . . Modification of a carboxyl group directly attached in position 2, e.g. esterification [6]
C07D 463/10	1-Punkt Untergruppe	. with a carbon atom having three bonds to hetero atoms with at the most one bond to halogen, e.g. an ester or nitrile radical, directly attached in position 2 [6]
C07D 463/12	2-Punkt Untergruppe	. . with hydrogen atoms, hydrocarbon or substituted hydrocarbon radicals attached in position 7 [6]
C07D 463/14	2-Punkt Untergruppe	. . with hetero atoms directly attached in position 7 [6]
C07D 463/16	3-Punkt Untergruppe	. . . Nitrogen atoms [6]
C07D 463/18	4-Punkt Untergruppe	. . . . further acylated by radicals derived from carboxylic acids or by nitrogen or sulfur analogues thereof [6]
C07D 463/20	5-Punkt Untergruppe	. . . . . with the acylating radicals further substituted by hetero atoms or by carbon atoms having three bonds to hetero atoms with at the most one bond to halogen [6]
C07D 463/22	6-Punkt Untergruppe	. . . . . further substituted by nitrogen atoms [6]
C07D 471/00	**Hauptgruppe**	**Heterocyclic compounds containing nitrogen atoms as the only ring hetero atoms in the condensed system, at least one ring being a six-membered ring with one nitrogen atom, not provided for by groups C07D 451/00 to C07D 463/00 [2, 5]**
C07D 471/02	1-Punkt Untergruppe	. in which the condensed system contains two hetero rings [2]
C07D 471/04	2-Punkt Untergruppe	. . Ortho-condensed systems (carbacephams, e.g. homothienamycins, C07D 463/00) [2, 5]
C07D 471/06	2-Punkt Untergruppe	. . Peri-condensed systems [2]
C07D 471/08	2-Punkt Untergruppe	. . Bridged systems [2]
C07D 471/10	2-Punkt Untergruppe	. . Spiro-condensed systems [2]
C07D 471/12	1-Punkt Untergruppe	. in which the condensed system contains three hetero rings [2]
C07D 471/14	2-Punkt Untergruppe	. . Ortho-condensed systems [2]
C07D 471/16	2-Punkt Untergruppe	. . Peri-condensed systems [2]
C07D 471/18	2-Punkt Untergruppe	. . Bridged systems [2]
C07D 471/20	2-Punkt Untergruppe	. . Spiro-condensed systems [2]
C07D 471/22	1-Punkt Untergruppe	. in which the condensed systems contains four or more hetero rings [2]
C07D 473/00	**Hauptgruppe**	**Heterocyclic compounds containing purine ring systems [2]**
C07D 473/02	1-Punkt Untergruppe	. with oxygen, sulfur, or nitrogen atoms directly attached in positions 2 and 6 [2]
C07D 473/04	2-Punkt Untergruppe	. . two oxygen atoms [2]

Symbol	Typ	Titel
C07D 473/06	3-Punkt Untergruppe	. . . with radicals containing only hydrogen and carbon atoms, attached in position 1 or 3 [2]
C07D 473/08	4-Punkt Untergruppe	. . . . with methyl radicals in positions 1 and 3, e.g. theophylline [2]
C07D 473/10	4-Punkt Untergruppe	. . . . with methyl radicals in positions 3 and 7, e.g. theobromine [2]
C07D 473/12	4-Punkt Untergruppe	. . . . with methyl radicals in positions 1, 3, and 7, e.g. caffeine [2]
C07D 473/14	4-Punkt Untergruppe	. . . . with two methyl radicals in positions 1 and 3 and two methyl radicals in positions 7, 8, or 9 [2]
C07D 473/16	2-Punkt Untergruppe	. . two nitrogen atoms [2]
C07D 473/18	2-Punkt Untergruppe	. . one oxygen and one nitrogen atom, e.g. guanine [2]
C07D 473/20	2-Punkt Untergruppe	. . two sulfur atoms [2]
C07D 473/22	2-Punkt Untergruppe	. . one oxygen and one sulfur atom [2]
C07D 473/24	2-Punkt Untergruppe	. . one nitrogen and one sulfur atom [2]
C07D 473/26	1-Punkt Untergruppe	. with an oxygen, sulfur, or nitrogen atom directly attached in position 2 or 6, but not in both [2]
C07D 473/28	2-Punkt Untergruppe	. . Oxygen atom [2]
C07D 473/30	3-Punkt Untergruppe	. . . attached in position 6, e.g. hypoxanthine [2]
C07D 473/32	2-Punkt Untergruppe	. . Nitrogen atom [2]
C07D 473/34	3-Punkt Untergruppe	. . . attached in position 6, e.g. adenine [2]
C07D 473/36	2-Punkt Untergruppe	. . Sulfur atom [2]
C07D 473/38	3-Punkt Untergruppe	. . . attached in position 6 [2]
C07D 473/40	1-Punkt Untergruppe	. with halogen atoms or perhalogeno-alkyl radicals directly attached in position 2 or 6 [2]
C07D 475/00	**Hauptgruppe**	**Heterocyclic compounds containing pteridine ring systems [2]**
C07D 475/02	1-Punkt Untergruppe	. with an oxygen atom directly attached in position 4 [2]
C07D 475/04	2-Punkt Untergruppe	. . with a nitrogen atom directly attached in position 2 [2]
C07D 475/06	1-Punkt Untergruppe	. with a nitrogen atom directly attached in position 4 [2]
C07D 475/08	2-Punkt Untergruppe	. . with a nitrogen atom directly attached in position 2 [2]
C07D 475/10	2-Punkt Untergruppe	. . with an aromatic or hetero-aromatic ring directly attached in position 2 [2]
C07D 475/12	1-Punkt Untergruppe	. containing pteridine ring systems condensed with carbocyclic rings or ring systems [3]
C07D 475/14	2-Punkt Untergruppe	. . Benz [g] pteridines, e.g. riboflavin [3]
C07D 477/00	**Hauptgruppe**	**Heterocyclic compounds containing 1-azabicyclo [3.2.0] heptane ring systems, i.e. compounds containing a ring system of the formula: [Bild nicht vorhanden.] , e.g. carbapenicillins, thienamycins; Such ring systems being further condensed, e.g. 2,3-condensed with an oxygen-, nitrogen- or sulfur-containing hetero ring [5]**
C07D 477/02	1-Punkt Untergruppe	. Preparation (by microbiological processes C12P 17/18) [6]
C07D 477/04	2-Punkt Untergruppe	. . by forming the ring or condensed ring systems [6]
C07D 477/06	2-Punkt Untergruppe	. . from compounds already containing the ring or condensed ring systems, e.g. by dehydrogenation of the ring, by introduction, elimination or modification of substituents [6]
C07D 477/08	3-Punkt Untergruppe	. . . Modification of a carboxyl group directly attached in position 2, e.g. esterification [6]

Symbol	Typ	Titel
C07D 477/10	1-Punkt Untergruppe	. with hydrogen atoms, hydrocarbon or substituted hydrocarbon radicals, directly attached in position 4, and with a carbon atom having three bonds to hetero atoms with at the most one bond to halogen, e.g. an ester or nitrile radical, directly attached in position 2 [6]
C07D 477/12	2-Punkt Untergruppe	. . with hydrogen atoms, hydrocarbon or substituted hydrocarbon radicals, attached in position 6 [6]
C07D 477/14	3-Punkt Untergruppe	. . . with hydrogen atoms, hydrocarbon or substituted hydrocarbon radicals, attached in position 3 [6]
C07D 477/16	3-Punkt Untergruppe	. . . with hetero atoms or carbon atoms having three bonds to hetero atoms with at the most one bond to halogen, e.g. an ester or nitrile radical, directly attached in position 3 [6]
C07D 477/18	4-Punkt Untergruppe	. . . . Oxygen atoms [6]
C07D 477/20	4-Punkt Untergruppe	. . . . Sulfur atoms [6]
C07D 477/22	4-Punkt Untergruppe	. . . . Nitrogen atoms [6]
C07D 477/24	2-Punkt Untergruppe	. . with hetero atoms or carbon atoms having three bonds to hetero atoms with at the most one bond to halogen, e.g. an ester or nitrile radical, directly attached in position 6 [6]
C07D 477/26	1-Punkt Untergruppe	. with hetero atoms or carbon atoms having three bonds to hetero atoms with at the most one bond to halogen, e.g. an ester or nitrile radical, directly attached in position 4 [6]
C07D 487/00	**Hauptgruppe**	**Heterocyclic compounds containing nitrogen atoms as the only ring hetero atoms in the condensed system, not provided for by groups C07D 451/00 to C07D 477/00 [2, 5]**
C07D 487/02	1-Punkt Untergruppe	. in which the condensed system contains two hetero rings [2]
C07D 487/04	2-Punkt Untergruppe	. . Ortho-condensed systems (carbapenams, e.g. thienamycins, C07D 477/00) [2, 5]
C07D 487/06	2-Punkt Untergruppe	. . Peri-condensed systems [2]
C07D 487/08	2-Punkt Untergruppe	. . Bridged systems [2]
C07D 487/10	2-Punkt Untergruppe	. . Spiro-condensed systems [2]
C07D 487/12	1-Punkt Untergruppe	. in which the condensed system contains three hetero rings [2]
C07D 487/14	2-Punkt Untergruppe	. . Ortho-condensed systems [2]
C07D 487/16	2-Punkt Untergruppe	. . Peri-condensed systems [2]
C07D 487/18	2-Punkt Untergruppe	. . Bridged systems [2]
C07D 487/20	2-Punkt Untergruppe	. . Spiro-condensed systems [2]
C07D 487/22	1-Punkt Untergruppe	. in which the condensed system contains four or more hetero rings [2]
C07D 489/00	**Hauptgruppe**	**Heterocyclic compounds containing 4aH-8, 9 c- Iminoethano-phenanthro [4, 5-b, c, d] furan ring systems, e.g. derivatives of [4, 5-epoxy]-morphinan of the formula: [Bild nicht vorhanden.] [2]**
C07D 489/02	1-Punkt Untergruppe	. with oxygen atoms attached in positions 3 and 6, e.g. morphine, morphinone [2]
C07D 489/04	2-Punkt Untergruppe	. . Salts; Organic complexes [2]
C07D 489/06	1-Punkt Untergruppe	. with a hetero atom directly attached in position 14 [2]
C07D 489/08	2-Punkt Untergruppe	. . Oxygen atom [2]
C07D 489/09	1-Punkt Untergruppe	. containing 4aH-8, 9 c-Iminoethano- phenanthro [4, 5-b, c, d] furan ring systems condensed with carbocyclic rings or ring systems [3]
C07D 489/10	2-Punkt Untergruppe	. . with a bridge between positions 6 and 14 [2, 3]
C07D 489/12	3-Punkt Untergruppe	. . . the bridge containing only two carbon atoms [2, 3]

Symbol	Typ	Titel
C07D 491/00	**Hauptgruppe**	**Heterocyclic compounds containing in the condensed ring system both one or more rings having oxygen atoms as the only ring hetero atoms and one or more rings having nitrogen atoms as the only ring hetero atoms, not provided for by groups C07D 451/00 to C07D 459/00 , C07D 463/00 , C07D 477/00 or C07D 489/00 [2]**
C07D 491/02	1-Punkt Untergruppe	. in which the condensed system contains two hetero rings [2]
C07D 491/04	2-Punkt Untergruppe	. . Ortho-condensed systems [2]
C07D 491/044	3-Punkt Untergruppe	. . . with only one oxygen atom as ring hetero atom in the oxygen-containing ring [3]
C07D 491/048	4-Punkt Untergruppe	. . . . the oxygen-containing ring being five-membered [3]
C07D 491/052	4-Punkt Untergruppe	. . . . the oxygen-containing ring being six-membered [3]
C07D 491/056	3-Punkt Untergruppe	. . . with two or more oxygen atoms as ring hetero atoms in the oxygen-containing ring [3]
C07D 491/06	2-Punkt Untergruppe	. . Peri-condensed systems [2]
C07D 491/08	2-Punkt Untergruppe	. . Bridged systems [2]
C07D 491/10	2-Punkt Untergruppe	. . Spiro-condensed systems [2]
C07D 491/107	3-Punkt Untergruppe	. . . with only one oxygen atom as ring hetero atom in the oxygen-containing ring [3]
C07D 491/113	3-Punkt Untergruppe	. . . with two or more oxygen atoms as ring hetero atoms in the oxygen-containing ring [3]
C07D 491/12	1-Punkt Untergruppe	. in which the condensed system contains three hetero rings [2]
C07D 491/14	2-Punkt Untergruppe	. . Ortho-condensed systems (alkylenedioxy derivatives of dibenzo [a, g] quinolizines, e.g. berberine, C07D 455/03) [2]
C07D 491/147	3-Punkt Untergruppe	. . . the condensed system containing one ring with oxygen as ring hetero atom and two rings with nitrogen as ring hetero atom [3]
C07D 491/153	3-Punkt Untergruppe	. . . the condensed system containing two rings with oxygen as ring hetero atom and one ring with nitrogen as ring hetero atom [3]
C07D 491/16	2-Punkt Untergruppe	. . Peri-condensed systems [2]
C07D 491/18	2-Punkt Untergruppe	. . Bridged systems (3-oxa-9-azatricyclo [3.3.1.0(2,4(] nonane ring systems, e.g. scopolamine, C07D 451/00) [2]
C07D 491/20	2-Punkt Untergruppe	. . Spiro-condensed systems [2]
C07D 491/22	1-Punkt Untergruppe	. in which the condensed system contains four or more hetero rings [2]
C07D 493/00	**Hauptgruppe**	**Heterocyclic compounds containing oxygen atoms as the only ring hetero atoms in the condensed system [2]**
C07D 493/02	1-Punkt Untergruppe	. in which the condensed system contains two hetero rings [2]
C07D 493/04	2-Punkt Untergruppe	. . Ortho-condensed systems [2]
C07D 493/06	2-Punkt Untergruppe	. . Peri-condensed systems [2]
C07D 493/08	2-Punkt Untergruppe	. . Bridged systems [2]
C07D 493/10	2-Punkt Untergruppe	. . Spiro-condensed systems [2]
C07D 493/12	1-Punkt Untergruppe	. in which the condensed system contains three hetero rings [2]
C07D 493/14	2-Punkt Untergruppe	. . Ortho-condensed systems [2]
C07D 493/16	2-Punkt Untergruppe	. . Peri-condensed systems [2]

Symbol	Typ	Titel
C07D 493/18	2-Punkt Untergruppe	. . Bridged systems [2]
C07D 493/20	2-Punkt Untergruppe	. . Spiro-condensed systems [2]
C07D 493/22	1-Punkt Untergruppe	. in which the condensed system contains four or more hetero rings [2]
C07D 495/00	**Hauptgruppe**	**Heterocyclic compounds containing in the condensed system at least one hetero ring having sulfur atoms as the only ring hetero atoms [2]**
C07D 495/02	1-Punkt Untergruppe	. in which the condensed system contains two hetero rings [2]
C07D 495/04	2-Punkt Untergruppe	. . Ortho-condensed systems [2]
C07D 495/06	2-Punkt Untergruppe	. . Peri-condensed systems [2]
C07D 495/08	2-Punkt Untergruppe	. . Bridged systems [2]
C07D 495/10	2-Punkt Untergruppe	. . Spiro-condensed systems [2]
C07D 495/12	1-Punkt Untergruppe	. in which the condensed system contains three hetero rings [2]
C07D 495/14	2-Punkt Untergruppe	. . Ortho-condensed systems [2]
C07D 495/16	2-Punkt Untergruppe	. . Peri-condensed systems [2]
C07D 495/18	2-Punkt Untergruppe	. . Bridged systems [2]
C07D 495/20	2-Punkt Untergruppe	. . Spiro-condensed systems [2]
C07D 495/22	1-Punkt Untergruppe	. in which the condensed system contains four or more hetero rings [2]
C07D 497/00	**Hauptgruppe**	**Heterocyclic compounds containing in the condensed system at least one hetero ring having oxygen and sulfur atoms as the only ring hetero atoms [2]**
C07D 497/02	1-Punkt Untergruppe	. in which the condensed system contains two hetero rings [2]
C07D 497/04	2-Punkt Untergruppe	. . Ortho-condensed systems [2]
C07D 497/06	2-Punkt Untergruppe	. . Peri-condensed systems [2]
C07D 497/08	2-Punkt Untergruppe	. . Bridged systems [2]
C07D 497/10	2-Punkt Untergruppe	. . Spiro-condensed systems [2]
C07D 497/12	1-Punkt Untergruppe	. in which the condensed system contains three hetero rings [2]
C07D 497/14	2-Punkt Untergruppe	. . Ortho-condensed systems [2]
C07D 497/16	2-Punkt Untergruppe	. . Peri-condensed systems [2]
C07D 497/18	2-Punkt Untergruppe	. . Bridged systems [2]
C07D 497/20	2-Punkt Untergruppe	. . Spiro-condensed systems [2]
C07D 497/22	1-Punkt Untergruppe	. in which the condensed system contains four or more hetero rings [2]
C07D 498/00	**Hauptgruppe**	**Heterocyclic compounds containing in the condensed system at least one hetero ring having nitrogen and oxygen atoms as the only ring hetero atoms (4-oxa-1-azabicyclo [3.2.0] heptanes, e.g. oxapenicillins C07D 503/00; 5-oxa-1-azabicyclo [4.2.0] octanes, e.g. oxacephalosporins C07D 505/00; analogues thereof having ring oxygen atoms in other position C07D 507/00) [2, 6]**
C07D 498/02	1-Punkt Untergruppe	. in which the condensed system contains two hetero rings [2]
C07D 498/04	2-Punkt Untergruppe	. . Ortho-condensed systems [2]

Symbol	Typ	Titel
C07D 498/06	2-Punkt Untergruppe	. . Peri-condensed systems [2]
C07D 498/08	2-Punkt Untergruppe	. . Bridged systems [2]
C07D 498/10	2-Punkt Untergruppe	. . Spiro-condensed systems [2]
C07D 498/12	1-Punkt Untergruppe	. in which the condensed system contains three hetero rings [2]
C07D 498/14	2-Punkt Untergruppe	. . Ortho-condensed systems [2]
C07D 498/16	2-Punkt Untergruppe	. . Peri-condensed systems [2]
C07D 498/18	2-Punkt Untergruppe	. . Bridged systems [2]
C07D 498/20	2-Punkt Untergruppe	. . Spiro-condensed systems [2]
C07D 498/22	1-Punkt Untergruppe	. in which the condensed system contains four or more hetero rings [2]
C07D 499/00	**Hauptgruppe**	**Heterocyclic compounds containing 4-thia-1-azabicyclo [3.2.0] heptane ring systems, i.e. compounds containing a ring system of the formula: [Bild nicht vorhanden.] , e.g. penicillins, penems; Such ring systems being further condensed, e.g. 2,3-condensed with an oxygen-, nitrogen- or sulfur-containing hetero ring [2]**
C07D 499/04	1-Punkt Untergruppe	. Preparation [2, 6]
C07D 499/06	2-Punkt Untergruppe	. . by forming the ring or condensed ring systems (by microbiological processes C12P 37/00) [2, 6]
C07D 499/08	2-Punkt Untergruppe	. . Modification of a carboxyl radical directly attached in position 2, e.g. esterification [2, 6]
C07D 499/10	2-Punkt Untergruppe	. . Modification of an amino radical directly attached in position 6 [2, 6]
C07D 499/12	3-Punkt Untergruppe	. . . Acylation [2, 6]
C07D 499/14	2-Punkt Untergruppe	. . Preparation of salts [2, 6]
C07D 499/16	3-Punkt Untergruppe	. . . of alkali or alkaline earth metals [2, 6]
C07D 499/18	2-Punkt Untergruppe	. . Separation; Purification [2, 6]
C07D 499/20	3-Punkt Untergruppe	. . . via salts with organic bases [2, 6]
C07D 499/21	1-Punkt Untergruppe	. with a nitrogen atom directly attached in position 6 and a carbon atom having three bonds to hetero atoms with at the most one bond to halogen, e.g. an ester or nitrile radical, directly attached in position 2 [6]
C07D 499/22	2-Punkt Untergruppe	. . Salts with organic bases; Complexes with organic compounds [2]
C07D 499/24	3-Punkt Untergruppe	. . . with acyclic or carbocyclic compounds containing amino radicals [2]
C07D 499/26	3-Punkt Untergruppe	. . . with heterocyclic compounds [2]
C07D 499/28	2-Punkt Untergruppe	. . with modified 2-carboxyl group [2]
C07D 499/30	3-Punkt Untergruppe	. . . Acid anhydride [2]
C07D 499/32	3-Punkt Untergruppe	. . . Esters [2]
C07D 499/34	3-Punkt Untergruppe	. . . Thio-acid; Esters thereof [2]
C07D 499/36	4-Punkt Untergruppe	. . . . O-esters [2]
C07D 499/38	4-Punkt Untergruppe	. . . . S-esters [2]
C07D 499/40	3-Punkt Untergruppe	. . . Amides; Hydrazides; Azides [2]

Symbol	Typ	Titel
C07D 499/42	2-Punkt Untergruppe	. . Compounds with a free primary amino radical attached in position 6 [2]
C07D 499/44	2-Punkt Untergruppe	. . Compounds with an amino radical acylated by carboxylic acids, attached in position 6 [2]
C07D 499/46	3-Punkt Untergruppe	. . . with acyclic hydrocarbon radicals or such radicals substituted by carbocyclic or heterocyclic rings, attached to the carboxamido radical [2]
C07D 499/48	3-Punkt Untergruppe	. . . with a carbon chain, substituted by hetero atoms or by carbon atoms having three bonds to hetero atoms with at the most one bond to halogen, e.g. ester or nitrile radicals, attached to the carboxamido radical [2]
C07D 499/50	4-Punkt Untergruppe	. . . . substituted in beta-position to the carboxamido radical [2]
C07D 499/52	5-Punkt Untergruppe	. . . . . by oxygen or sulfur atoms [2]
C07D 499/54	5-Punkt Untergruppe	. . . . . by nitrogen atoms [2]
C07D 499/56	5-Punkt Untergruppe	. . . . . by carbon atoms having three bonds to hetero atoms with at the most one bond to halogen [2]
C07D 499/58	4-Punkt Untergruppe	. . . . substituted in alpha-position to the carboxamido radical [2]
C07D 499/60	5-Punkt Untergruppe	. . . . . by oxygen atoms [2]
C07D 499/62	5-Punkt Untergruppe	. . . . . by sulfur atoms [2]
C07D 499/64	5-Punkt Untergruppe	. . . . . by nitrogen atoms [2]
C07D 499/66	6-Punkt Untergruppe	. . . . . with alicyclic rings as additional substituents on the carbon chain [2]
C07D 499/68	6-Punkt Untergruppe	. . . . . with aromatic rings as additional substituents on the carbon chain [2]
C07D 499/70	6-Punkt Untergruppe	. . . . . with hetero rings as additional substituents on the carbon chain [2]
C07D 499/72	5-Punkt Untergruppe	. . . . . by carbon atoms having three bonds to hetero atoms [2]
C07D 499/74	3-Punkt Untergruppe	. . . with carbocyclic rings directly attached to the carboxamido radical [2]
C07D 499/76	3-Punkt Untergruppe	. . . with hetero rings directly attached to the carboxamido radical [2]
C07D 499/78	2-Punkt Untergruppe	. . Compounds with an amino radical, acylated by carbonic acid, or by nitrogen or sulfur analogues thereof, attached in position 6 [2]
C07D 499/80	2-Punkt Untergruppe	. . Compounds with a nitrogen-containing hetero ring, attached with the ring nitrogen atom in position 6 [2]
C07D 499/86	1-Punkt Untergruppe	. with only atoms other than nitrogen atoms directly attached in position 6 and a carbon atom having three bonds to hetero atoms with at the most one bond to halogen, e.g. an ester or nitrile radical, directly attached in position 2 [5, 6]
C07D 499/861	2-Punkt Untergruppe	. . with a hydrocarbon radical or a substituted hydrocarbon radical, directly attached in position 6 [6]
C07D 499/865	2-Punkt Untergruppe	. . with hetero atoms or with carbon atoms having three bonds to hetero atoms with at the most one bond to halogen, e.g. an ester or nitrile radical, directly attached in position 6 [6]
C07D 499/87	1-Punkt Untergruppe	. Compounds being unsubstituted in position 3 or with substituents other than only two methyl radicals attached in position 3, and with a carbon atom having three bonds to hetero atoms with at the most one bond to halogen, e.g. an ester or nitrile radical, directly attached in position 2 [6]
C07D 499/88	1-Punkt Untergruppe	. Compounds with a double bond between positions 2 and 3 and a carbon atom having three bonds to hetero atoms with at the most one bond to halogen, e.g. an ester or nitrile radical, directly attached in position 2 [5, 6]
C07D 499/881	2-Punkt Untergruppe	. . with a hydrogen atom or an unsubstituted hydrocarbon radical, attached in position 3 [6]
C07D 499/883	2-Punkt Untergruppe	. . with a substituted hydrocarbon radical attached in position 3 [6]

Symbol	Typ	Titel
C07D 499/887	2-Punkt Untergruppe	. . with a hetero atom or a carbon atom having three bonds to hetero atoms with at the most one bond to halogen, e.g. an ester or nitrile radical, directly attached in position 3 [6]
C07D 499/893	2-Punkt Untergruppe	. . with a hetero ring or a condensed hetero ring system, directly attached in position 3 [6]
C07D 499/897	1-Punkt Untergruppe	. Compounds with substituents other than a carbon atom having three bonds to hetero atoms with at the most one bond to halogen, directly attached in position 2 [6]
C07D 499/90	1-Punkt Untergruppe	. further condensed with carbocyclic rings or ring systems [5]
C07D 501/00	**Hauptgruppe**	**Heterocyclic compounds containing 5-thia-1-azabicyclo [4.2.0] octane ring systems, i.e. compounds containing a ring system of the formula: [Bild nicht vorhanden.] , e.g. cephalosporins; Such ring systems being further condensed, e.g. 2,3-condensed with an oxygen-, nitrogen- or sulfur-containing hetero ring [2]**
C07D 501/02	1-Punkt Untergruppe	. Preparation [2]
C07D 501/04	2-Punkt Untergruppe	. . from compounds already containing the ring or condensed ring systems, e.g. by dehydrogenation of the ring, by introduction, elimination or modification of substituents [2]
C07D 501/06	3-Punkt Untergruppe	. . . Acylation of 7-aminocephalosporanic acid [2]
C07D 501/08	2-Punkt Untergruppe	. . by forming the ring or condensed ring systems (by microbiological processes C12P 35/00) [2]
C07D 501/10	3-Punkt Untergruppe	. . . from compounds containing the penicillin ring system [2]
C07D 501/12	2-Punkt Untergruppe	. . Separation; Purification [2]
C07D 501/14	1-Punkt Untergruppe	. Compounds having a nitrogen atom directly attached in position 7 [2]
C07D 501/16	2-Punkt Untergruppe	. . with a double bond between positions 2 and 3 [2]
C07D 501/18	3-Punkt Untergruppe	. . . 7-Aminocephalosporanic or substituted 7-aminocephalosporanic acids [2]
C07D 501/20	3-Punkt Untergruppe	. . . 7-Acylaminocephalosporanic or substituted 7-acylaminocephalosporanic acids in which the acyl radicals are derived from carboxylic acids [2]
C07D 501/22	4-Punkt Untergruppe	. . . . with radicals containing only hydrogen and carbon atoms, attached in position 3 [2]
C07D 501/24	4-Punkt Untergruppe	. . . . with hydrocarbon radicals, substituted by hetero atoms or hetero rings, attached in position 3 [2]
C07D 501/26	5-Punkt Untergruppe	. . . . . Methylene radicals, substituted by oxygen atoms; Lactones thereof with the 2-carboxyl group [2]
C07D 501/28	6-Punkt Untergruppe	. . . . . with the 7-amino radical acylated by an aliphatic carboxylic acid, which is substituted by hetero atoms [2]
C07D 501/30	6-Punkt Untergruppe	. . . . . with the 7-amino-radical acylated by an araliphatic carboxylic acid [2]
C07D 501/32	6-Punkt Untergruppe	. . . . . with the 7-amino radical acylated by an araliphatic carboxylic acid, which is substituted on the aliphatic radical by hetero atoms [2]
C07D 501/34	6-Punkt Untergruppe	. . . . . with the 7-amino radical acylated by carboxylic acids containing hetero rings [2]
C07D 501/36	5-Punkt Untergruppe	. . . . . Methylene radicals, substituted by sulfur atoms [2]
C07D 501/38	5-Punkt Untergruppe	. . . . . Methylene radicals, substituted by nitrogen atoms; Lactams thereof with the 2-carboxyl group; Methylene radicals substituted by nitrogen-containing hetero rings attached by the ring nitrogen atom; Quaternary compounds thereof [2]
C07D 501/40	6-Punkt Untergruppe	. . . . . with the 7-amino radical acylated by an aliphatic carboxylic acid, which is substituted by hetero atoms [2]
C07D 501/42	6-Punkt Untergruppe	. . . . . with the 7-amino radical acylated by an araliphatic carboxylic acid [2]

Symbol	Typ	Titel
C07D 501/44	6-Punkt Untergruppe	. . . . . with the 7-amino radical acylated by an araliphatic carboxylic acid, which is substituted on the aliphatic radical by hetero atoms [2]
C07D 501/46	6-Punkt Untergruppe	. . . . . with the 7-amino radical acylated by carboxylic acids containing hetero rings [2]
C07D 501/48	5-Punkt Untergruppe	. . . . . Methylene radicals, substituted by hetero rings (C07D 501/38 to C07D 501/46 take precedence) [2]
C07D 501/50	6-Punkt Untergruppe	. . . . . with the 7-amino radical acylated by an aliphatic carboxylic acid, which is substituted by hetero atoms [2]
C07D 501/52	6-Punkt Untergruppe	. . . . . with the 7-amino radical acylated by an araliphatic carboxylic acid [2]
C07D 501/54	6-Punkt Untergruppe	. . . . . with the 7-amino radical acylated by an araliphatic carboxylic acid, which is substituted on the aliphatic radical by hetero atoms [2]
C07D 501/56	6-Punkt Untergruppe	. . . . . with the 7-amino radical acylated by carboxylic acids containing hetero rings [2]
C07D 501/57	4-Punkt Untergruppe	. . . . with a further substituent in position 7, e.g. cephamycines [3]
C07D 501/58	3-Punkt Untergruppe	. . . with a nitrogen atom, which is a member of a hetero ring, attached in position 7 [2]
C07D 501/59	3-Punkt Untergruppe	. . . with hetero atoms directly attached in position 3 [3]
C07D 501/60	2-Punkt Untergruppe	. . with a double bond between positions 3 and 4 [2]
C07D 501/62	1-Punkt Untergruppe	. Compounds further condensed with a carbocyclic ring or ring system [3]
C07D 503/00	**Hauptgruppe**	**Heterocyclic compounds containing 4-oxa-1-azabicyclo [3.2.0] heptane ring systems, i.e. compounds containing a ring system of the formula: [Bild nicht vorhanden.] , e.g. oxapenicillins, clavulanic acid derivatives; Such ring systems being further condensed, e.g. 2,3-condensed with an oxygen-, nitrogen- or sulfur-containing hetero ring [6]**
C07D 503/02	1-Punkt Untergruppe	. Preparation (by microbiological processes C12P 17/18) [6]
C07D 503/04	2-Punkt Untergruppe	. . by forming the ring or condensed ring systems [6]
C07D 503/06	2-Punkt Untergruppe	. . from compounds already containing the ring or condensed ring systems, e.g. by dehydrogenation of the ring, by introduction, elimination or modification of substituents [6]
C07D 503/08	3-Punkt Untergruppe	. . . Modification of a carboxyl group directly attached in position 2, e.g. esterification [6]
C07D 503/10	1-Punkt Untergruppe	. with a carbon atom having three bonds to hetero atoms with at the most one bond to halogen, e.g. an ester or nitrile radical, directly attached in position 2 [6]
C07D 503/12	2-Punkt Untergruppe	. . unsubstituted in position 6 [6]
C07D 503/14	3-Punkt Untergruppe	. . . with hydrogen atoms, hydrocarbon or substituted hydrocarbon radicals, other than a carbon atom having three bonds to hetero atoms with at the most one bond to halogen, attached in position 3 [6]
C07D 503/16	4-Punkt Untergruppe	. . . . Radicals substituted by hetero atoms or by carbon atoms having three bonds to hetero atoms with at the most one bond to halogen, e.g. an ester or nitrile radical [6]
C07D 503/18	5-Punkt Untergruppe	. . . . . by oxygen atoms [6]
C07D 503/20	5-Punkt Untergruppe	. . . . . by sulfur atoms [6]
C07D 503/22	5-Punkt Untergruppe	. . . . . by nitrogen atoms [6]
C07D 505/00	**Hauptgruppe**	**Heterocyclic compounds containing 5-oxa-1-azabicyclo [4.2.0] octane ring systems, i.e. compounds containing a ring system of the formula: [Bild nicht vorhanden.] , e.g. oxacephalosporins; Such ring systems being further condensed, e.g. 2,3-condensed with an oxygen-, nitrogen- or sulfur-containing hetero ring [6]**
C07D 505/02	1-Punkt Untergruppe	. Preparation (by microbiological processes C12P 17/18) [6]

Symbol	Typ	Titel
C07D 505/04	2-Punkt Untergruppe	. . by forming the ring or condensed ring systems [6]
C07D 505/06	2-Punkt Untergruppe	. . from compounds already containing the ring or condensed ring systems, e.g. by dehydrogenation of the ring, by introduction, elimination or modification of substituents [6]
C07D 505/08	3-Punkt Untergruppe	. . . Modification of a carboxyl group directly attached in position 2, e.g. esterification [6]
C07D 505/10	1-Punkt Untergruppe	. with a carbon atom having three bonds to hetero atoms with at the most one bond to halogen, e.g. an ester or nitrile radical, directly attached in position 2 [6]
C07D 505/12	2-Punkt Untergruppe	. . substituted in position 7 [6]
C07D 505/14	3-Punkt Untergruppe	. . . with hetero atoms directly attached in position 7 [6]
C07D 505/16	4-Punkt Untergruppe	. . . . Nitrogen atoms [6]
C07D 505/18	5-Punkt Untergruppe	. . . . . further acylated by radicals derived from carboxylic acids or by nitrogen or sulfur analogues thereof [6]
C07D 505/20	6-Punkt Untergruppe	. . . . . with the acylating radicals further substituted by hetero atoms or by carbon atoms having three bonds to hetero atoms with at the most one bond to halogen [6]
C07D 505/22	7-Punkt Untergruppe	. . . . . further substituted by singly-bound nitrogen atoms [6]
C07D 505/24	7-Punkt Untergruppe	. . . . . further substituted by doubly-bound nitrogen atoms [6]
C07D 507/00	**Hauptgruppe**	**Heterocyclic compounds containing a condensed beta-lactam ring system, not provided for by groups C07D 463/00 , C07D 477/00 or C07D 499/00 to C07D 505/00; Such ring systems being further condensed [6]**
C07D 507/02	1-Punkt Untergruppe	. containing 3-oxa-1-azabicyclo [3.2.0] heptane ring systems [6]
C07D 507/04	1-Punkt Untergruppe	. containing 2-oxa-1-azabicyclo [4.2.0] octane ring systems [6]
C07D 507/06	1-Punkt Untergruppe	. containing 3-oxa-1-azabicyclo [4.2.0] octane ring systems [6]
C07D 507/08	1-Punkt Untergruppe	. containing 4-oxa-1-azabicyclo [4.2.0] octane ring systems [6]
C07D 513/00	**Hauptgruppe**	**Heterocyclic compounds containing in the condensed system at least one hetero ring having nitrogen and sulfur atoms as the only ring hetero atoms, not provided for in groups C07D 463/00 , C07D 477/00 or C07D 499/00 to C07D 507/00 [2, 6]**
C07D 513/02	1-Punkt Untergruppe	. in which the condensed system contains two hetero rings [2]
C07D 513/04	2-Punkt Untergruppe	. . Ortho-condensed systems [2]
C07D 513/06	2-Punkt Untergruppe	. . Peri-condensed systems [2]
C07D 513/08	2-Punkt Untergruppe	. . Bridged systems [2]
C07D 513/10	2-Punkt Untergruppe	. . Spiro-condensed systems [2]
C07D 513/12	1-Punkt Untergruppe	. in which the condensed system contains three hetero rings [2]
C07D 513/14	2-Punkt Untergruppe	. . Ortho-condensed systems [2]
C07D 513/16	2-Punkt Untergruppe	. . Peri-condensed systems [2]
C07D 513/18	2-Punkt Untergruppe	. . Bridged systems [2]
C07D 513/20	2-Punkt Untergruppe	. . Spiro-condensed systems [2]
C07D 513/22	1-Punkt Untergruppe	. in which the condensed system contains four or more hetero rings [2]
C07D 515/00	**Hauptgruppe**	**Heterocyclic compounds containing in the condensed system at least one hetero ring having nitrogen, oxygen, and sulfur atoms as the only ring hetero atoms, not provided for in groups C07D 463/00 , C07D 477/00 or C07D 499/00 to C07D 507/00 [2]**

Symbol	Typ	Titel
C07D 515/02	1-Punkt Untergruppe	. in which the condensed system contains two hetero rings [2]
C07D 515/04	2-Punkt Untergruppe	. . Ortho-condensed systems [2]
C07D 515/06	2-Punkt Untergruppe	. . Peri-condensed systems [2]
C07D 515/08	2-Punkt Untergruppe	. . Bridged systems [2]
C07D 515/10	2-Punkt Untergruppe	. . Spiro-condensed systems [2]
C07D 515/12	1-Punkt Untergruppe	. in which the condensed system contains three hetero rings [2]
C07D 515/14	2-Punkt Untergruppe	. . Ortho-condensed systems [2]
C07D 515/16	2-Punkt Untergruppe	. . Peri-condensed systems [2]
C07D 515/18	2-Punkt Untergruppe	. . Bridged systems [2]
C07D 515/20	2-Punkt Untergruppe	. . Spiro-condensed systems [2]
C07D 515/22	1-Punkt Untergruppe	. in which the condensed system contains four or more hetero rings [2]
C07D 517/00	**Hauptgruppe**	**Heterocyclic compounds containing in the condensed system at least one hetero ring having selenium, tellurium, or halogen atoms as ring hetero atoms [2]**
C07D 517/02	1-Punkt Untergruppe	. in which the condensed system contains two hetero rings [2]
C07D 517/04	2-Punkt Untergruppe	. . Ortho-condensed systems [2]
C07D 517/06	2-Punkt Untergruppe	. . Peri-condensed systems [2]
C07D 517/08	2-Punkt Untergruppe	. . Bridged systems [2]
C07D 517/10	2-Punkt Untergruppe	. . Spiro-condensed systems [2]
C07D 517/12	1-Punkt Untergruppe	. in which the condensed system contains three hetero rings [2]
C07D 517/14	2-Punkt Untergruppe	. . Ortho-condensed systems [2]
C07D 517/16	2-Punkt Untergruppe	. . Peri-condensed systems [2]
C07D 517/18	2-Punkt Untergruppe	. . Bridged systems [2]
C07D 517/20	2-Punkt Untergruppe	. . Spiro-condensed systems [2]
C07D 517/22	1-Punkt Untergruppe	. in which the condensed system contains four or more hetero rings [2]
C07D 519/00	**Hauptgruppe**	**Heterocyclic compounds containing more than one system of two or more relevant hetero rings condensed among themselves or condensed with a common carbocyclic ring system not provided for in groups C07D 453/00 or C07D 455/00 [2]**
C07D 519/02	1-Punkt Untergruppe	. Ergot alkaloids of the cyclic peptide type [2]
C07D 519/04	1-Punkt Untergruppe	. Dimeric indole alkaloids, e.g. vincaleucoblastine [2]
C07D 519/06	1-Punkt Untergruppe	. containing at least one condensed beta-lactam ring system, provided for by groups C07D 463/00 , C07D 477/00 or C07D 499/00 to C07D 507/00 , e.g. a penem or a cepham system [6]
C07D 521/00	**Hauptgruppe**	**Heterocyclic compounds containing unspecified hetero rings [2]**