International Nonproprietary Names for Pharmaceutical Substances

In accordance with paragraph 7 of the Procedure for the Selection of Recommended International Nonproprietary Names for Pharmaceutical Substances, 1 no-

tice is hereby given that the following are selected as recommended international nonproprietary names.

The inclusion of a name in the

lists of recommended international nonproprietary names does not imply any recommendation for the use of the substance in medicine or pharmacy.

Recommended International Nonproprietary Names (Rec. INN): List 152

Recommended International Nonproprietary Name (Latin, English)

Chemical Name or Description and Molecular Formula

acemetacinum acemetacin 1-(p-chlorobenzoyl)-5-methoxy-2-methylindole-3-acetic acid ester with glycolic acid

glycolic acid C21H1eCINOs

acesulfamum acesulfame 6-methyl-1,2,3-oxathiazın-4(3H)-one 2,2-dioxide

C4H5NO4S

acidum etodolicum etodolic acid

1,8-diethyl-1,3,4,9-tetrahydropyrano[3,4-b]indole-1-acetic acid

C17H21NO3

C15H16l3N3O7

acidum ioglicicum

5-acetamido-2,4,6-triiodo-*N*- [(methylcarbamoyl)methyl]isophthalamic acid C13H12l3N3Os

acidum iosericum

ioseric acid

N-[2-hydroxy-1-(methylcarbamoyl)ethyl]-2,4,6-triiodo-5-(2-

methoxyacetamido) isophthalamic acid

acidum iosumeticum

W-ethyl-2/4/6'-triiodo-3'- (methylamino) succinanilic acid

iosumetic acid

3,3'-[axybis(ethyleneoxymethylenecarbonylimino)]bis[2,4,6-triiodobenzoic

acid]

acidum iotroxicum iotroxic acid

C22H18l6N2O3

acidum îoxotrizoicum ioxotrizoic acid

3-acetamido-5-glycolamido-2,4,6-triiodobenzoic acid C11Hel3N2O5

acidum pipemidicum

8-ethyl-5,8-dihydro-5-oxo-2-(1-piperazinyl)pyrido[2,3-d]pyrimidine-6-

carboxylic acid

pipemidic acid

7-isopropoxy-9-oxoxanthene-2-carboxylic acid

C17H14Os

acidum xanoxicum xanoxic acid

5-methylpyrazinecarboxylic acid 4-oxide

acipimoxum acipimox

C6H6N2O3

¹ Off. Rec. Wld Hith Org., 1955, **60**, 3 (Resolution EB15.R7); 1969, 173, 10 (Resolution EB43.R9).

nonproprietary names can be found in *Chron. Wid Hilb Org.*, 1955, 9, 185, *WHO*, *Chronide* 1959, 13, 106, 463; 1962, 16, 101; 1965, 19, 165, 206, 249; 1966, 20, 421, 1967, 21, 538; 1968,

^{22, 463, 1969, 23, 490; 1970, 24, 526; 1971, 25, 476; 1972, 26, 476; 1973, 27, 453;} Supplement to WHO Chronicle, 1974, Vol. 28, No. 10.

² Other lists of recommended international

(1)	
actodiginum actodigin	3β-(β-D-glucopyranosyloxy)-14,23-dihydroxy-24-nor-5β,14β-chol-20(22)- en-21-oic acid γ-lactone C29H44O9
ambroxolum ambroxol	trans-4-[(2-amino-3,5-dibromobenzyl)amino]cyclohexanol C13H18Br2N2O
amcinonidum amcinonide	9-fluoro-118,16a,17,21-tetrahydroxypregna-1,4-diene-3,20-dione cyclic 16,17-acetal with cyclopentanone, 21-acetate C2eHasFO7
azanatorum azanator	5- (1-methyl-4-piperidylidene)-5 H -[1]benzopyrano [2,3- b] pyridine C1s H 1e N 2O
azoliminum azolimine	2-imino-3-methyl-1-phenyl-4-imidazolidınone CıoHııN3O
bacampicillinum bacampiciilin	(2S,5R,6R)-6-[(R)-(2-amino-2-phenylacetamido)]-3,3-dimethyl-7-oxo-4-thia-1-azabicyclo[3.2.0]heptane-2-carboxylic acid ester with ethyl 1-hydroxyethyl carbonate C21H27N3O7S
bentazepamum bentazepam	1,3,6,7,8,9-hexahydro-5-phenyl-2 H -[1]benzothieno[2,3- e]-1,4-diazepin-2-one C ₁₇ H ₁₆ N ₂ OS
bifluranolum bifluranol	erythro-4,4'-(1-ethyl-2-methylethylene) bis [2-fluorophenol] $C_{17}H_{1}$ = $F_{2}O_{2}$
bisfenazonum bisfenazone	3-[[(2,3-dimethyl-5-oxo-1-phenyl-3-pyrazolin-4-yl)amino]methyl]-4- isopropyl-2-methyl-1-phenyl-3-pyrazolin-5-one C25H29N5O2
botiacrinum botiacrine	$S-[2-(dimethylamino)ethyl]$ 9,9-dimethyl-10-acridancarbothioate $C_{20}H_{24}N_{2}OS$
brindoximum brindoxime	2-[[(6,8-dibromo-9 <i>H</i> -indeno[2,1- <i>d</i>]pyrimidin-9-ylidene)amino]oxy]- <i>N</i> [2-(dimethylamino)ethyl]propionamide C1aH19Br2NsO2
bromperidolum bromperidol	4-[4-(p-bromophenyl)-4-hydroxypiperidino]-4'-fluorobutyrophenone C21H23BrFNO2
budralazinum budralazine	4-methyl-3-penten-2-one (1-phthalazinyl)hydrazone C14H16N4
buflomedilum buflomedil	2',4',6'-trimethoxy-4-(1-pyrrolidinyl)butyrophenone C17H25NO4
butanixinum butanixin	2-(p-butylanilino)nicotinic acid C16H18N2O2
butlbufenum butibufen	2-(p-isobutylphenyl)butyric acid C14H20O2
carboquonum carboquone	2,5-bis(1-aziridinyl)-3-(2-hydroxy-1-methoxyethyl)-6-methyl-p- benzoquinone carbamate (ester) C15H19N3Os
cartazolatum cartazolate	ethyl 4-(butylamino)-1-ethyl-1 <i>H</i> -pyrazolo[3,4- <i>b</i>]pyridine-5-carboxylate C15H22N4O2
ciclafrinum ciclafrine	m-1-oxa-4-azaspiro [4,6] undec-2-ylphenol C15H21NO2
ciclonicatum ciclonicate	trens-3,3,5-trimethyloyclohexyl nicotinate C15H21NO2
cicloprofenum cicloprofen	a-methylfluorene-2-acetic acid C16H14O2

cicloxolonum cicloxolone	3β-hydroxy-11-oxoolean-12-en-30-oic acid hydrogen <i>cis</i> -1,2-cyclohexanedicarboxylate CasH56O7
cimetidinum cimetidine	1-cyano-2-methyl-3-[2-[[(5-methylimidazol-4-yl)methyl]thio]ethyl}- guanidine C1oH1sNsS
cinoxacinum cinoxacin	1-ethyl-1,4-dihydro-4-oxo [1,3]dioxolo [4,5- g]cinnoline-3-carboxylic acid C12H1oN2O5
cinoxolonum cinoxolone	cinnamyl 3β-hydroxy-11-oxoolean-12-en-30-date acetate C41H56O5
clazoliminum ciazolimine	1-(p-chlorophenyl)-2-imino-3-methyl-4-imidazolıdınone C10H10ClN3O
clebopridum clebopride	4-amino-N-(1-benzyl-4-piperidyl)-5-chloro-a-anisamide CzoHz4ClN3Oz
climiqualinum climiqualine	3-chloro-1-imidazol-1-yl-4-phenylisoquinoline C18H12ClN3
cliprofenum cliprofen	3-chloro-4-(2-thenoyl)hydratropic acid C14H11ClO3S
clopimozidum clopimozide	1 - [1 - [4,4-bis(p-fluorophenyl)butyl] - 4-piperidyl] - 5-chloro - 2-benzimidazo- linone C2eH2eClF2N3O
cloprostenolum cloprostenol	(\pm) -(Z)-7-[(1R*,2R*,3R*,5S*)-2-[(E)-(3R*)-4-(m-chlorophenoxy)-3-hydroxy-1-butenyl]-3,5-dihydroxycyclopentyl]-5-heptenoic acid C2zH29ClO6
colimecyclinum colimecycline	reaction product of one molecule of colistin with three molecules of oxytetracycline in presence of formaldehyde N,N',N''-tris[[4-(dimethylamino)-1,4,4a,5,5a,6,11,12a-octahydro-3,5,6,10,12,12a-hexahydroxy-6-methyl-1,11-dioxo-2-naphthacenecarboxamido]methyl]polymyxin E (nominal) C122H172N22O4o (nominal)
deprostilum deprostil	$(1R,2S)$ -2- $(3$ -hydroxy-3-methyloctyl)-5-oxocyclopentaneheptanoic acid $C_{21}H_{38}O_4$
desmopressinum desmopressin	1-(3-mercaptopropionic acid)-8-D-argininevasopressin C46H64N14O12S2
dexclamolum dexclamol	(+)-2,3,4,4aβ,8,9,13bα,14-octahydro-3α-isopropyl-1 <i>H</i> -benzo[6,7]cyclohepta- [1,2,3- <i>de</i>]pyrido[2,1- <i>a</i>]isoquinolin-3-ol C24H29NO
deximafenum deximafen	(+)-2,3,5,6-tetrahydro-5-phenyl-1 H -imidazo [1,2-a]imidazole C11 H 13 N 3
dextranomerum dextranomer	dextran reaction product with epichlorohydrin
dibekacinum dibekacin	O -3-amino-3-deoxy-α-D-gíucopyranosyl-(1 \rightarrow 4)- O -[2,6-diamino-2,3,4,6-tetradeoxy-α-D- <i>erythro</i> -hexopyranosyl-(1 \rightarrow 6)]-2-deoxy-L-streptamine C18H37N5O8
dibuprolum dibuprol	1,3-dibutoxy-2-propanol C ₁₁ H ₂₄ O ₃
difenoximidum difenoximide	N-[[1-(3-cyano-3,3-diphenylpropyl)-4-phenylisonipecotoyl]oxy]succinimide C32H31N3O4

2',4'-difluoro-4-hydroxy-3-biphenylcarboxylic acid diflunisalum diflunisal C13H8F2O3 2',4'-dimethoxy-3-(4-pyridyl)acrylophenone ailmefonum C16H15NO3 dilmetone diproleandomycinum oleandomycin 4',11-dipropionate diproleandomycin C41H69NO14 droclidinii bromidum 3-hydroxy-1-methylquinuclidinium bromide a-phenylcyclohexaneglycolate droclidinium bromide C22H32B1NO3 enbucrilatum butyl 2-cyanoacrylate enbucrilate CaH11NO2 etazolatum ethyl 1-ethyl-4-(isopropylidenehydrazino)-1H-pyrazolo [3,4-b]pyridine-5etazolate carboxylate C14H19N5O2 eterobarbum 5-ethyl-1,3-bis(methoxymethyl)-5-phenylbarbituric acid eterobarh C16H25N2O5 exaprololum 1-(a-cyclohexylphenoxy)-3-(isopropylamino)-2-propanol exaprolo C18H29NO2 fazadinii bromidum 1,1'-azobis[3-methyl-2-phenyl-1H-imidazo[1,2-a]pyridin-4-jum] dibromide fazadinium bromide C28H24Br2N6 febuorolum 1-butoxy-3-phenoxy-2-propanol febuprol C13H20O3 fencloracum chloro(3-chloro-4-cyclohexylphenyl)acetic acid fenciorac C14H16Cl2O2 fenperatum 2-piperidinoethyl a-benzyl-a-hydroxyhydrocinnamate acetate (ester) fenperate C25H31NO4 fentiazacum 4-(p-chlorophenyl)-2-phenyl-5-thiazoleacetic acid fentiazac C17H12CINO2S fludazonii chloridum 1-[2,4-dichloro- β -[(2,4-dichlorobenzyl) α xy]phenethyl]-3-(p-fluorofludazonium chloride phenacyl) imidazolium chloride C26H20Cl5FN2O2 flumizolum 4,5-bis(p-methoxyphenyl)-2-(trifluoromethyl)imidazole C18H15F3N2O2 flumizole fluprostenolum (\pm) -(Z)-7- $[(1R^*,2R^*,3R^*,5S^*)$ -3,5-dihydroxy-2-[(E)- $(3R^*)$ -3-hydroxy-4fluprostenol [(a,a,a,-trifluoro-m-tolyl)oxy]-1-butenyl]cyclopentyl]-5-heptenoic acid C23H29F3O6 flutamidum a,a,a-trifluoro-2-methyl-4'-nitro-m-propionotoluidide flutamide C11H11F3N2O3 flutazolamum 10-chloro-11b-(a-fluorophenyl)-2,3,7,11b-tetrahydro-7-(2-hydroxyethyl)flutazolam oxazolo [3,2-d][1,4] benzodiazepin-6(5H)-one C19H18CIFN2O3 ftaxilidum 2',6'-dimethylphthalanilic acid ftaxilide C16H15NO3

gallii (67Ga) citras

gallium - 67 Ga citrate (1:1)

gallium (67Ga) citrate

gaiosemidum galosemide

N-[[4-(a,a,a-trifluoro-m-toluidino)-3-pyridyl]sulfonyl]propionamideC15H14F3N3O3S

gliamilidum gliamilide

endo-1-[[4-[2-(2-methoxynicotinamido)ethyl]piperidino]sulfonyl]-3-(5norbornen-2-ylmethyl) urea

C23H33N5O5S

(-)-(S)-N-(5-fluoro-2-methoxy- α -methylbenzyl)-2-[ρ -[(5-isobutyl-2-

gliflumidum pyrimidinyl)sulfamoyl]phenyl]acetamide gliflumide C25H29FN4O4S 2-[2-[1-(p-chlorobenzoyl)-5-methoxy-2-methylindoi-3-yl]acetamido]-2glucametacinum deoxy-D-glucose olucametacin C25H27CIN2OB luteinizing hormone-releasing factor (pig); 5-oxo-L-prolyl-L-histidyl-Lconadorelinum tryptophyl-L-seryl-L-tyrosylglycyl-L-leucyl-L-arginyl-L-prolylglycinamide gonadorelin C55H75N17Ö13 (1.4-benzodioxan-6-ylmethyl) guanidine quabenxanum C16H13N3O2 quabenxan (\pm) -trans-7-bromo-6-chloro-3-[3-(3-hydroxy-2-pipendyl)acetonyl]-4(3H)halofuginonum quinazolinone halofuginone C16H17BrCIN3O3 p-(1-oxo-2-isoindolinyl) hydratropic acid indoprofenum C17H15NO3 indoprofen 2-isopropyl-3-benzofuranyl 4-pyridyl ketone inicaronum C17H15NO2 inicarone o-[2-(diisopropylamino)ethoxy]-a-propylbenzyl alcohol ketocainolum C18H31NO2 ketocainol 2-chloro-6-methylergoline-8\$-acetonitrile lergotrilum C17H18CIN3 lergotrile (-)-6-methyl-2-(4-methyl-3-cyclohexen-1-yl)-5-hepten-2-ol levomenolum C15H26O levomeno 2-[[(5-carboxy-5-formamidopentyl)carbamoyl](2-phenylacetamido)libecillidum methyl]-5,5-dimethyl-4-thiazolidinecarboxylic acid libecillide C23H32N4O7S lividomycin A: 0-2-amino-2,3-dideoxy-a-D-1160-hexopyranosyl-(1-4)-0lividomycinum $[O-\alpha-D-mannopyranosyl-(1-4)-O-2,6-diamino-2,6-dideoxy-\beta-L-ido$ lividomycin pyranosyl $(1\rightarrow 3)$ - β -D-ribofuranosyl- $(1\rightarrow 5)$]-2-deoxy-D-streptamine C28H55N5O18 2-[1-(2,6-dichlorophenoxy)ethyl]-2-imidazoline lofexidinum C11H12Cl2N2O lofexidine technetium-99mTc labelled macroaggregated human serum albumin macrosalbum (**niTc) macrosalb (**mTc) 10-(formylmethyl)-7,13-dihydroxy-8-methoxy-3,12-dimethyl-5-oxomaridomycinum 4,17-dioxabicyclo[14.1.0] heptadec-14-en-9-yl 3,6-dideoxy-4-0-(2,6maridomycin dideoxy-3-C-methyl- α -L-riba-hexopyranosyl)-3-(dimethylamino)- β -D-glucopyranoside 4",7'-dipropionate (ester) C41 H67 NO16 5-(p-chlorophenyl)-2,5-dihydro-3H-imidazo[2,1-a]isoindol-5-ol mazındolum C16H13CIN2O mazindol 118,17-dihydroxy-21-(4-methyl-1-piperazinyl)pregna-1,4-diene-3,20-dione mazipredonum C26H38N2O4 mazipredone methyl 3,5,6-tri-O-benzyl-D-glucofuranoside mebenosidum C28H32O6 mebenoside (2S,5R,6R)-6-[[(hexahydro-1H-azepin-1-yl)methylene]amino]-3,3-dimethyl-7mecillinamum oxo-4-thia-1-azabicyclo[3.2.0]heptane-2-carboxylic acid mecillinam C15H23N3O3S (dimethylamino) acetaldehyde diphenyl acetal medifoxaminum

C16H19NO2

medifoxamine

DL-erythro-a-2-piperidyi-2,8-bis(trifluoromethyl)-4-quinolinemethanoi mefloquinum C17H16F6N2O mefloquine m-(1H-tetrazol-5-yloxy)phenol melizamum CzĤ6N4O2 melizame 17B-hydroxy-16,16-dimethylestr-4-en-3-one metogestum metogest C20H30O2 1-(8-methoxydibenz[b,f]oxepin-10-yl)-4-methylpiperazine metoxepinum C20H22N2O2 metoxepin 2-[(1,2,3,4-tetrahydro-7-methyl-1,4-ethanonaphthalen-6-yl)methyl]-2metrafazolinum ımidazoline metrafazoline C17H22N2 p-(trans-2-methylcyclohexyl) hydratropic acid mexoprofenum . C16H22O2 mexoprofen 7-methyl 21-potassium 17-hydroxy-3-oxo-17a-pregn-4-ene-7a,21mexrenoatum kalicum dicarboxylate dihydrate mexrenoate potassium C24H33KO6 2H2O 2-amino-N-(2,5-dimethoxy-β-hydroxyphenethyl)acetamide midodrinum C12H18N2O4 midodrine 4-methyl-7-(4-morpholinecarboxamido)-3-(2-morpholinoethyi)coumarin morocromenum morocromen C21H27N3O5 3-[[(1-methyl-5-nitroimidazol-2-yl)methylene]amino]-5-(morpholinomethyl)moxnidazolum 2-oxazolidinone moxnidazole C13H18N6O5 3-(cyclopentyloxy)-19-nor-17α-pregna-1,3,5(10)-trien-20-yne-16α,17-diol nilestriolum nilestriol C25H32O3 5-methoxy-2-methyl-1-nicotinoylindole-3-acetic acid niometacinum niometacin C18H16N2O4 (\pm) -2,3,5,6-tetrahydro-6-(m-nitrophenyl)imidazo[2,1-b]thiazole nitramisolum C11H11N3O2S nitramisole $1-[2-[p-[\alpha-(p-methoxyphenyl)-\beta-nitrostyryl]phenoxy]ethyl]pyrrolidine$ nitromifenum C27H28N2O4 nitromifene p-(p-nitrophenoxy) phenyl isothiocyanate nitroscanatum C13H8N2O3S nitroscanate 11 α-hydroxy-17,17-dimethyl-18-norandrosta-4,13-dien-3-one nordinonum nordinone C20H28O2 17-hydroxy-118-methyl-19-norpregn-4-ene-3,20-dione acetate norgestometum C23H32O4 norgestomet octopaminum α-(aminomethyl)-p-hydroxybenzyl alcohol octopamine CeH11NO2 1a,10b-dihydro-N-methyldibenzo [a,e]cyclopropa [c]cycloheptene- $\varDelta^{e(iH),\gamma}$ octriptylinum propylamine octriptyline C20H21N $(2S,5R,6R)-6-\{(R)-\{4-(p-hydroxyphenyl)-2,2-dimethyl-5-oxo-1$ oxetacillinum imidazolidinyl]]-3,3-dimethyl-7-oxo-4-thia-1-azabicyclo[3.2.0]heptane-2oxetacillin

oxiramidum oxiramide parsalmidum N-[4-(2,6-d:methylpiperidino)butyl]-2-phenoxy-2-phenylacetamide C25H34N2O2

E ----- A(

carboxylic acid CteH23N2O5S

5-amino-N-butyl-2-(2-propynyloxy)benzamide C14H18N2O2

parsalmide C12H18N

4-(6-bromoveratryl)-4-[2-[2-(6,6-dimethyl-2-norpinyl)ethoxy]ethyl]pinaverii bromidum marpholinium bromide pinaverium bromide C26H41Br2NO4 7-chloro-1.3-dihydro-5-phenyl-1-(2-propynyl)-2H-1,4-benzodiazepin-2-one pinazepamum C18H13CIN2O pinazepam 1-(indol-4-vloxy)-3-(isopropylamino)-2-propanol pindololum pindolpl C14H20N2O2 D-(+)-1-methyl-1-(1-methyl-2-piperidyl)ethyl diphenylacetate pinolcainum pinolcaine C23H29NO2 pipoctanonum 4'-octyl-3-piperidinopropiophenone pipoctanone C22H35NO 2-[2-[4-(diphenylmethylene)piperidino]ethoxy]exothylethanol munizixogia pipoxizine C24H31NO3 pirandaminum 1.3.4.9-tetrahydro-*N.N.*1-trimethylindeno[2,1-c]pyran-1-ethylamine C17H23NO pirandamine 4-phenoxy-3-(1-pyrrolidinyl)-5-sulfamoylbenzoic acid piretanidum piretanide C17H18N2O5S pirfenidonum 5-methyl-1-phenyl-2(1H)-pyridone pirrenidone C12H11NO pirinidazolum 2-[[(1-methyl-5-nitroimidazol-2-yl)methyl]thio]pyridine pirinidazole C10H10N4O2S pirolazamidum hexahydro- α , α -diphenylpyrrolo [1,2-a] pyrazine-2(1H)-butyramide pirolazamide C23H29N3O piroxicamum 4-hydroxy-2-methyl-N-2-pyridyl-2H-1,2-benzothiazine-3-carboxamide 1,1piroxicam dioxide C15H13N3O4S pirozadilum 2.6-pyridinediyldimethylene bis(3.4.5-trimethoxybenzoate) C27H29NO:0 pirozadil pirprofenum 3-chioro-4-(3-pyrrolin-1-yl) hydratropic acid C13H14CINO2 pirprofen pivmecillinamum hydroxymethyl (2S,5R,6R)-6-[[(hexahydro-1H-azepin-1-yl)methylene]piymecillinam amino]-3,3-dimethyl-7-oxo-4-thia-1-azabicyclo[3 2.0]heptane-2carboxylate pivalate (ester) C21 H33 N3 O5 S dextran 2-(diethylamino)ethyl 2-[[2-(diethylamino)ethyl]diethylammonio]polidexidum ethyl ether chloride, hydrochloride, epichlorohydrin crosslinked polidexide [2-hydroxy-3-(1-naphthyloxy)propyl]isopropyldimethylammonium chloride pranolii chloridum pranolium chloride C18H26CINO2 praxadinum pyrazole-1-carboxamidine praxadine C4H5N4 pribecainum 3-piperidinopropyl m-anisate pribecaine C16H23NO3 profexalonum 2-axo-5-phenyl-N-propyl-3-oxazolidinecarboxamide profexalone C13H16N2O3

proquazonum 1-isopropyl-7-methyl-4-phenyl-2(1H)-quinazolinone proquazone C16H16N2O

prorenoatum kalicum potassium 6,7-dihydro-17-hydroxy-3-oxo-3'H-cyclopropa [6,7]-17 a-prorenoate potassium pregna-4,6-diene-21-carboxylate

23 T 31 KU

proxibarbalum 5-allyl-5-(2-hydroxypropyl)barbituric acid C10H14N2O4 proxibarbal quinupraminum 10,11-dihydro-5-(3-quinuclidinyl)-5H-dibenz[b,f]azepine Cat HasNa quinupramine razoxanum 4.4'-propylenedi-2.6-piperazinedione razoxane C11H16N4O4 1-ethyl-4,6-dihydro-3-methyl-8-phenylpyrazolo [4,3-e] [1,4] diazepinripazepamum ripazepam 5(1H)-one C15H16N4O ritropirronii bromidum erythro-3-hydroxy-1,1-dimethylpyrrolidinium bromide a-cyclopentylmandelate ritropirronium bromide CiaHaaBrNÓa ritrosulfanum 1.4-dideoxy-1.4-bis [(2-hydroxyethyl)aminolerythritol 1.4-dimethanesulfonate ritrosulfan (ester) C10H24N2O8S2 rociverinum 2-(diethylamino)-1-methylethyl cis-1-hydroxy[bicyclohexyl]-2-carboxylate rociverine C20H37NO3 roxolonii metilsulfas 2-{hydroxymethyl}-1.1-dimethylpytrolidinium methyl sulfate 38-hydroxy-11roxolonium metilsulfate oxoolean-12-en-30-oate C3BH63NO8S sincalidum L-aspartyl-L-tyrosyl-L-methionylglycyl-L-tryptophyl-L-methionyl-Lsincalide aspartylphenyl-L-alaninamide hydrogen sulfate (ester) or 1-de(5-oxo-Lproline)-2-de-L-glutamine-5-L-methioninecaerulein C49H62N10O16S3 sitofibratum stigmast-5-en-38-ol 2-(p-chlorophenoxy)-2-methylpropionate sitofibrate CaeHseClOa D-glucitol hexanicotinate sorbinicatum sorbinicate C42H32N6O12 spiroxepinum N,N-dimethylspiro [dibenz [b,e] oxepin-11(6H),2'-[1,3]dioxolane]-4'spiroxepin methylamine C19H21NO3 stilonii iodidum triethyl[2-(p-styrylphenoxy)ethyl]ammonium iodide C22H30INO stilonium iodide stiripentolum 4.4-dimethyl-1-[(3.4-methylenedioxy)phenyl]-1-penten-3-ol stiripentol C14H18O3 2-deoxy-2-(3-methyl-3-nitrosoureido)-D-glucopyranose streptozocinum streptozocin CaH15N3O7 (Z)-5-fluoro-2-methyl-1-[p-(methylsulfinyl)benzylidene]indene-3-acetic sulindacum sulindac acid C20H17FO3S sulnidazolum O-methyl [2-(2-ethyl-5-nitroimidazol-1-yl)ethyl]thiocarbamate sulnidazole CaH14N4O3S taleranoium '35,75)-3,4,5,6,7,8,9,10,11,12-decahydro-7,14,16-trihydroxy-3-methyltaleranol 1H-2-benzoxacyclotetradecin-1-one C18H26O5

> pīperazineethanol C23H26F4N2OS

4-[3-[6-fluoro-2-(trifluoromethyl)thioxanthen-9-yl]propyl]-1-

teflutixolum

teflutixol

zilantelum

zilantel

	
terbuprolum terbuprol	1- <i>tert</i> -butoxy-3-methoxy-2-propanol C ₆ H ₁₈ O ₃
terfenadinum terfenadine	$\alpha\text{-}(\textit{p-tert}\text{-}\text{butylphenyl})\text{-}4\text{-}(\text{hydroxydiphenylmethyl})\text{-}1\text{-}\text{piperidinebutandl}$ C32H41NO2
terofenamatum terofenamate	ethoxymethyl N -(2,6-dichloro- m -tolyl)anthranilate $C_{17}H_{17}Cl_2NO_3$
tetroxoprimum tetroxoprim	2,4-diamino-5-[3,5-dimethoxy-4-(2-methoxyethoxy)benzyl]pyrimidine $C_{16}H_{22}N_4O_4$
tiafibratum tiafibrate	2-(p-chlorophenoxy)-2-methylpropionic acid diester with 2,2'-(decame-thylenedithio)diethanol C34H48Cl2O6S2
tibezonii iodidum tibezonium iodide	diethylmethyl [2-[[4-[p-(phenylthio)phenyl]-3H-1,5-benzodiazepin-2- yl]thio]ethyl]ammonium iodide C28H32lN3S2
tidiacicum tidiacic	2,4-thiazolidinedicarboxylic acid C5H7NO4S
tifemoxonum tifemoxone	tetrahydro-6-(phenoxymethyl)-2H-1,3-oxazine-2-thione C11H13NO2S
timonacicum timonacic	4-thiazolidinecarboxylic acid C4H7NO2S
tînofedrinum tinofedrine	α-[1-[(3,3-di-3-thienylallyi)amino]ethyl]benzyl alcohol C2oH21NOS2
tiropramidum tiropramide	DL- α -benzamido- p -[2-(diethylamino)ethoxy]- N , N -dipropylhydrocinnamamide C2 α H41N3O3
tobramycinum tobramycin	an antibiotic obtained from cultures of <i>Streptomyces tenebrarius</i> or the same substance obtained by any other means; O -3-amino-3-deoxy- α -D-glucopyranosyl- $(1 \rightarrow 4)$ - O - $[2,6$ -diamino-2,3,6-trideoxy- α -D- $ribo$ -hexopyranosyl- $(1 \rightarrow 6)$]-2-deoxystreptamine $C_{18}H_{32}N_5O_9$
tocofibratum tocofibrate	2,5,7,8-tetramethyl-2-(4,8,12-trimethyltridecyl)-6-chromanyl 2-(p -chlorophenoxy)-2-methylpropionate C39H59ClO4
tolciclatum tolciclate	O-(1,2,3,4-tetrahydro-1,4-methanonaphthalen-6-yl) m,N-dimethylthio-carbanilate C20H21NOS
trifluomeprazinum trifluomeprazine	10-[3-(dimethylamino)-2-methylpropy!]-2-(trifluoromethyl)phenothiazine $C_{19}H_{21}F_3N_2S$
xantocillinum xantocillin	an antibiotic obtained from cultures of <i>Penicillium notatum</i> or the same substance produced by any other means
zeranolum zeranol	(3 <i>S</i> ,7 <i>R</i>)-3,4,5,6,7,8,9,10,11,12-decahydro-7,14,16-trihydroxy-3-methyl-1 <i>H</i> -2-benzoxacyclotetradecin-1-one C18H26Os

phosphonodithioimidocarbonic acid ethylene dibenzyl P,P,P',P'-tetraethyl ester $C_{26}H_{38}N_2O_6P_2S_4$

Vol. 13, No. 12

Recommended International Nonproprietary Names (Rec. INN): List 3

p. 472 delete the following entry

sorbimacrogoli oleas 100 sorbimacrogol oleate 100

p. 473 delete the following entry

sorbimacrogoli oleas 300 sorbimacrogol oleate 300

insert

polysorbatum polysorbate polyoxyethylene derivative of cyclic sorbital anhydrides partially esterified with a fatty acid.

The numbered polysorbates indicated below refer to the following compounds: e.g.

polysorbate 20: polyoxyethylene 20 sorbitan* monolaurate polysorbate 40: polyoxyethylene 20 sorbitan* monopalmitate polysorbate 60: polyoxyethylene 20 sorbitan* monostearate

C62H122O26 (nominal)

C58H114O26

polysorbate 65 : polyoxyethylene 20 sorbitan* tristearate

C₁₀₀H₁₉₄O₂₈ (nominal)

polysorbate 80: polyoxyethylene 20 sorbitan* mono-oleate

polysubate 80, polyoxyethylene 20 serbites * triologte

C64H124O26 (nominal)

(nominal)

polysorbate 85: polyoxyethylene 20 sorbitan* trioleate

C100H188O28 (nominal)

Vol. 19, No. 6

Recommended International Nonproprietary Names (Rec. INN): List 5

p. 253 rufocromomycinum rufocromomycin

replace the present definition by the following: antibiotic obtained from cultures of Streptomyces rufochromogenus or Streptomyces flocculus, or the same substance produced by any other mes 5-amino-6-(7-amino-5,8-dihydro-6-methoxy-5,8-dioxo-2-quinolyl)-4-(2-hydroxy-3,4-dimethoxyphenyl)-3-methylpicolinic acid

С25H22N4Óв

Vol. 22, No. 10

Recommended International Nonproprietary Names (Rec. INN): List 8

p. 64 delete

cisclomifenum cisclomifene 2-[p-(2-chloro-cis-1,2-diphenylvinyl)phenoxy]triethylamine

C26H28CINO

insert

enclomifenum enclomifene 2-[p-(2-chloro-trans-1,2-diphenylvinyl)phenoxy]triethylamine or (E)-2-[p-(2-chloro-1,2-diphenylvinyl)phenoxy]triethylamine

(previous INN: cisclomifene)

C26H26CINO

polyoxyethylene 20 sorbitan corresponds to tris(polyethylene glycol 300) sorbitan ethers

p. 69 delete

transclomifenum 2-[p-(2-chloro-trans-1,2-diphenylvinyl)phenoxy]triethylamine

transclomifene C26H28CINO

insert

zuclomifenum 2-[p-(2-chloro-cis-1,2-diphenylvinyl)phenoxy]triethelamine zuclomifene

or (Z)-2-[p-(2-chloro-1,2-diphenylvinyl)phenoxy]triethylamine

(previous INN: transclomifene)

C26H28CINO

Vol. 25, No. 10

Recommended International Nonproprietary Names (Rec. INN): List 11

p. 478 delete Insert

> cloxifenolum triclosanum cloxifenol triclosan

> > Vol. 27, No. 10

Recommended International Nonproprietary Names (Rec. INN): List 13

p. 454 ceruletidum replace chemical name by the following:

ceruletide 5-oxo-L-prolyl-L-glutaminyl-L-aspartyl-L-tyrosyl-L-threonylglycyl-L-

methionyl-L-aspartyl-L-phenylalaninamide 4-(hydrogen sulfate) (ester)

p. 457 delete insert

> macrisalbum (131) macrosalbum (131) macrisalb (1311) macrosalb (131)

p. 458 delete

10-[3-[4-(2-m-dioxan-2-ylethyl)-1-piperazinyl]propyl]phenothiazine oxaprazinum

oxaprazine C25H33N3O2S

Supplement to Vol. 28, No. 10

Recommended International Nonproprietary Names (Rec. INN): List 14

p. 1 acidum tıbrıcum replace chemical name by the following: tibric acid 2-chloro-5-[(cis-3,5-dimethylpiperidino)sulfonyl]benzoic acid

butorphanolum p. 2 replace chemical name by the following: butorphanol

(-)-17-(cyclobutylmethyl)morphinan-3.14-diol

p. 3 delete

dexnoraestrel

dexnorgestrelum D-13-ethyl-17-hydroxy-18,19-dinor-17 α -pregn-4-en-20-yn-3-one

C21H28O2

oxilorphanum p. 7 replace chemical name by the following:

oxilorphan (-)-17-(cyclopropylmethyl)morphinan-3.14-diol