

International Nonproprietary Names for Pharmaceutical Substances

In accordance with paragraph 7 of the Procedure for the Selection of Recommended International Nonproprietary Names for Pharmaceutical Sub-

stances,¹ notice 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 22²

Recommended International
Nonproprietary Name (Latin, English)

Chemical Name or Description and Molecular Formulae

acidum sparfosicum
sparfosic acid

N-(phosphonoacetyl)-L-aspartic acid
C₈H₁₀NO₅P

acidum iodicetylicum (1231)
iodocetylic acid (1231)

16-iodo-1231-hexadecanoic acid
C₁₆H₃₁IO₂

actagardinum
actagardin

a polypeptide antibiotic obtained from cultures of *Actinoplanes garbadinensis* or *Actinoplanes liguriae*, or the same substance produced by any other means

adrafinilum
adrafinil

2-[(diphenylmethyl)sulfinyl]acetohydroxamic acid
C₁₅H₁₅NO₃S

alfentanilum
alfentanil

N-[1-[2-(4-ethyl-5-oxo-2-tetrazolin-1-yl)ethyl]-4-(methoxymethyl)-4-piperidyl]propionanilide
C₂₁H₃₂N₆O₃

altrenogestum
altrenogest

17 α -allyl-17-hydroxyestra-4,9,11-trien-3-one
C₂₁H₂₆O₂

alusulfum
alusulf

heptaaluminum heptadecahydroxide bis(sulfate) hydrate
Al₇H₁₇O₂₅S₂ · xH₂O

ancarololum
ancarolol

(±)-2'-[3-(*tert*-butylamino)-2-hydroxypropoxy]-2-furananilide
C₁₈H₂₄N₂O₄

articaïnum
articaïne

4-methyl-3-[2-(propylamino)propionamido]-2-thiophenecarboxylic acid, methyl ester
C₁₂H₂₀N₂O₃S

asocainolum
asocainol

(±)-6,7,8,9-tetrahydro-2,12-dimethoxy-7-methyl-6-phenethyl-5*H*-dibenz[*d,f*]azonin-1-ol
C₂₇H₃₁NO₃

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

² Other lists of recommended international nonproprietary names can be found in *Chron. Wld Hlth Org.*, 1955,

9, 185; *WHO Chronicle*, 1959, 13, 126, 463, 1962, 16, 121; 1965, 19, 165, 226, 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, Supplements to *WHO Chronicle*,

1974, Vol. 28, No. 10; 1975, Vol. 29, No. 10; 1976, Vol. 30, No. 10, 1977, Vol. 31, No. 10; 1978, Vol. 32, No. 10, 1979, Vol. 33, No. 10, 1980, Vol. 34, No. 10, Vol. 35, No. 5.

avilamycinum avilamycin	an antibiotic obtained from cultures of <i>Streptomyces viridochromogenes</i> , or the same substance produced by any other means; consists mainly of avilamycin A or 4- <i>C</i> -acetyl-6-deoxy-2,3- <i>O</i> -methylene- β -D-galactopyranosylidene-(1 \rightarrow 3-4)-2- <i>O</i> -(2-methyl-1-oxopropyl)- α -L-lyxopyranosyl <i>O</i> -2,6-dideoxy-4- <i>O</i> -(3,5-dichloro-4-hydroxy-2-methoxy-6-methylbenzoyl)- β -D- <i>arabino</i> -hexopyranosyl-(1 \rightarrow 4)- <i>O</i> -2,6-dideoxy-D- <i>ribo</i> -hexopyranosylidene-(1 \rightarrow 3-4)- <i>O</i> -2,6-dideoxy-3- <i>C</i> -methyl-D- <i>arabino</i> -hexopyranosyl-(1 \rightarrow 3)- <i>O</i> -6-deoxy-4- <i>O</i> -methyl- β -D-galactopyranosyl-(1 \rightarrow 4)-2,6-di- <i>O</i> -methyl- β -D-mannopyranoside $C_{61}H_{88}Cl_2O_{32}$
bisantrenum bisantrene	9,10-anthracenedicarboxaldehyde bis(2-imidazolin-2-ylhydrazone) $C_{22}H_{22}N_8$
bornaprololum bornaprolol	1-(isopropylamino)-3-(<i>o</i> -2- <i>exo</i> -norbornylphenoxy)-2-propanol $C_{19}H_{29}NO_2$
cadexomerum iodium cadexomer iodine	product of reaction of dextrin with epichlorohydrin coupled with ion-exchange groups and iodine
carbetocinum carbetocin	1-butyric acid-2-[3-(<i>p</i> -methoxyphenyl)-L-alanine]oxytocin $C_{45}H_{68}N_{11}O_{12}S$
carocainidum carocainide	1-[4,7-dimethoxy-6-[2-(1-pyrrolidinyl)ethoxy]-5-benzofuranyl]-3-methylurea $C_{18}H_{25}N_3O_5$
cetrimidum cetrimide	mixture consisting chiefly of tetradecyltrimethylammonium bromide together with smaller amounts of dodecyltrimethylammonium bromide and hexadecyltrimethylammonium bromide
cianergolinum cianergoline	(α - <i>RS</i>)- α -cyano-6-methylergoline-8 β -propionamide $C_{19}H_{22}N_4O$
cianopraminum cianopramine	5-[3-(dimethylamino)propyl]-10,11-dihydro-5 <i>H</i> -dibenz[<i>b,f</i>]azepine-3-carbonitrile $C_{20}H_{23}N_3$
cilobaminum cilobamine	<i>cis</i> -2-(3,4-dichlorophenyl)-3-(isopropylamino)bicyclo[2.2.2]octan-2-ol $C_{17}H_{23}Cl_2NO$
cinolazepamum cinolazepam	7-chloro-5-(<i>p</i> -fluorophenyl)-2,3-dihydro-3-hydroxy-2-oxo-1 <i>H</i> -1,4-benzodiazepine-1-propionitrile $C_{18}H_{13}ClFN_3O_2$
conorfonum conorfone	17-(cyclopropylmethyl)-4,5 α -epoxy-8 β -ethyl-3-methoxymorphinan-6-one $C_{23}H_{29}NO_3$
cromitrilum cromitrile	(\pm)- <i>p</i> -[2-hydroxy-3-[[4-oxo-2-(1 <i>H</i> -tetrazol-5-yl)-4 <i>H</i> -1-benzopyran-5-yl]oxy]propoxy]benzonitrile $C_{20}H_{15}N_5O_5$
dazoxibenum dazoxiben	<i>p</i> -(2-imidazol-1-ylethoxy)benzoic acid $C_{12}H_{12}N_2O_3$
desocriptinum desocriptine	6'-deoxy-9,10 α -dihydro- β -ergocryptine $C_{32}H_{45}N_5O_4$
detomidinum detomidine	4-(2,3-dimethylbenzyl)imidazole $C_{12}H_{14}N_2$

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dextozolinum dextozoline	(+)-ethyl (Z)-{(S)-3-methyl-4-oxo-5-piperidino- $\Delta^{2,\alpha}$ -thiazolidineacetate C ₁₃ H ₂₀ N ₂ O ₃ S
diaziquonum diaziquone	diethyl 2,5-bis(1-aziridinyl)-3,6-dioxo-1,4-cyclohexadiene-1,4-dicarbamate C ₁₆ H ₂₀ N ₄ O ₆
dicresulenum dicresulene	3,3'-methylenebis[6-hydroxy- <i>p</i> -toluenesulfonic acid] C ₁₉ H ₁₆ O ₈ S ₂
dinazafonum dinazafone	2'-benzoyl-4'-chloro- <i>N</i> -methyl-2-[(2-methylallyl)amino]acetanilide C ₂₀ H ₂₁ ClN ₂ O ₂
disoglusidum disogluside	(25 <i>R</i>)-3 β -(β -D-glucopyranosyloxy)spirost-5-ene C ₃₃ H ₅₂ O ₈
domoprednatum domoprednate	11 β ,17 α -dihydroxy- <i>D</i> -homopregna-1,4-diene-3,20-dione 17 α -butyrate C ₂₆ H ₃₆ O ₅
doxaminolum doxaminol	6,11-dihydro- <i>N</i> -(2-hydroxy-3-phenoxypropyl)- <i>N</i> -methylidibenz[<i>b,e</i>]oxepin-11-ethylamine C ₂₆ H ₂₉ NO ₃
doxofyllinum doxofylline	7-(1,3-dioxolan-2-ylmethyl)theophylline C ₁₁ H ₁₄ N ₄ O ₄
droxicainidum droxicainide	(\pm)-1-(2-hydroxyethyl)-2',6'-pipercoloxylidide C ₁₆ H ₂₄ N ₂ O ₂
enalaprilum enalapril	1-[<i>N</i> -[(<i>S</i>)-1-carboxy-3-phenylpropyl]-L-alanyl]-L-proline 1'-ethyl ester C ₂₀ H ₂₈ N ₂ O ₅
enocitabinum enocitabine	<i>N</i> -(1- β -D-arabinofuranosyl-1,2-dihydro-2-oxo-4-pyrimidinyl)docosanamide C ₃₁ H ₅₅ N ₃ O ₆
esorubicinum esorubicin	(8 <i>S</i> ,10 <i>S</i>)-10-[[[(2 <i>S</i> ,4 <i>R</i> ,6 <i>S</i>)-4-aminotetrahydro-6-methyl-2 <i>H</i> -pyran-2-yl]oxy]-8-glycoloyl-7,8,9,10-tetrahydro-6,8,11-trihydroxy-1-methoxy-5,12-naphthacenedione C ₂₇ H ₂₉ NO ₁₀
etiprostionum etiprostion	(<i>Z</i>)-7-[(1 <i>R</i> ,2 <i>R</i> ,3 <i>R</i> ,5 <i>S</i>)-3,5-dihydroxy-2-[(<i>E</i>)-2-[2-(phenoxyethyl)-1,3-dioxolan-2-yl]vinyl]cyclopentyl]-5-heptenoic acid C ₂₄ H ₃₂ O ₇
etisulerginum etisulergine	<i>N,N</i> -diethyl- <i>N'</i> -(6-methylergolin-8 α -yl)sulfamide C ₁₉ H ₂₈ N ₄ O ₂ S
falipamilum falipamil	2-[3-[(3,4-dimethoxyphenetyl)methylamino]propyl]-5,6-dimethoxyphthalimidine C ₂₄ H ₃₂ N ₂ O ₅
fenflumizolum fenflumizole	2-(2,4-difluorophenyl)-4,5-bis(<i>p</i> -methoxyphenyl)imidazole C ₂₃ H ₁₈ F ₂ N ₂ O ₂
filenadolum filenadol	(\pm)- <i>erythro</i> - α -methyl- β -(3,4-(methylenedioxy)phenyl)-4-morpholineethanol C ₁₄ H ₁₉ NO ₄
flumeridonum flumeridone	5-chloro-1-[1-[3-(5-fluoro-2-oxo-1-benzimidazolyl)propyl]-4-piperidyl]-2-benzimidazolinone C ₂₂ H ₂₃ ClFN ₅ O ₂
fluperlapinum fluperlapine	3-fluoro-6-(4-methyl-1-piperazinyl)morphanthridine C ₁₉ H ₂₀ FN ₃

fluprazinum fluprazine	[2-[4-(α,α,α -trifluoro- <i>m</i> -tolyl)-1-piperazinyl]ethyl]urea C ₁₄ H ₁₉ F ₃ N ₄ O 76716-60-4
flurofamidum flurofamide	<i>N</i> -(diaminophosphinyl)- <i>p</i> -fluorobenzamide C ₇ H ₆ FN ₂ O ₂ P
fosenazidum fosenazide	(diphenylphosphinyl)acetic acid, hydrazide C ₁₄ H ₁₅ N ₂ O ₂ P
fosmidomycinum fosmidomycin	[3-(<i>N</i> -hydroxyformamido)propyl]phosphonic acid C ₄ H ₁₀ NO ₅ P
fuzlocillinum fuzlocillin	(2 <i>S</i> ,5 <i>R</i> ,6 <i>R</i>)-6-[(2 <i>R</i>)-2-{3-[(<i>E</i>)-furfurylideneamino]-2-oxo-1-imidazolidinecarboxamido]-2-(<i>p</i> -hydroxyphenyl)acetamido]-3,3-dimethyl-7-oxo-4-thia-1-azabicyclo[3.2.0]heptane-2-carboxylic acid C ₂₅ H ₂₆ N ₆ O ₆ S
gabapentinum gabapentin	1-(aminomethyl)cyclohexanecarboxylic acid C ₉ H ₁₇ NO ₂
ibopaminum ibopamine	4-[2-(methylamino)ethyl]- <i>o</i> -phenylene diisobutyrate C ₁₇ H ₂₅ NO ₄
idarubicinum idarubicin	(1 <i>S</i> ,3 <i>S</i>)-3-acetyl-1,2,3,4,6,11-hexahydro-3,5,12-trihydroxy-6,11-dioxo-1-naphthacene-3-amino-2,3,6-trideoxy- α -L-lyxo-hexopyranoside or (7 <i>S</i> ,9 <i>S</i>)-9-acetyl-7-[(3-amino-2,3,6-trideoxy- α -L-lyxo-hexopyranosyl)oxy]-7,8,9,10-tetrahydro-6,9,11-trihydroxy-5,12-naphthacenedione C ₂₆ H ₂₇ NO ₉
indeloxazinum indeloxazine	(\pm)-2-[(inden-7-yl)oxy]methylmorpholine C ₁₄ H ₁₇ NO ₂
isoprazonum isoprazone	1-(4-amino-2-methyl-5-phenylpyrrol-3-yl)-2-methyl-1-propanone C ₁₅ H ₁₈ N ₂ O
ketanserinum ketanserin	3-[2-[4-(<i>p</i> -fluorobenzoyl)piperidino]ethyl]-2,4(1 <i>H</i> ,3 <i>H</i>)-quinazolin-2(1 <i>H</i>)-one C ₂₂ H ₂₂ FN ₃ O ₃
latamoxefum latamoxef	<i>N</i> -[(6 <i>R</i> ,7 <i>R</i>)-2-carboxy-7-methoxy-3-[[1-methyl-1 <i>H</i> -tetrazol-5-yl]thio]-methyl]-8-oxo-5-oxa-1-azabicyclo[4.2.0]oct-2-en-7-yl]-2-(<i>p</i> -hydroxyphenyl)malonamic acid C ₂₀ H ₂₀ N ₄ O ₆ S 64952-97-2
leflunomidum leflunomide	α,α,α -trifluoro-5-methyl-4-isoxazolecarboxy- <i>p</i> -toluidide C ₁₂ H ₅ F ₃ N ₂ O ₂
leuprorelinum leuprorelin	5-oxo-L-prolyl-L-histidyl-L-tryptophyl-L-seryl-L-tyrosyl-D-leucyl-L-leucyl-L-arginyl-L-ethyl-L-prolinamide C ₅₉ H ₈₄ N ₁₅ O ₁₂
lobenzaritum lobenzarit	4-chloro-2,2'-iminodibenzoic acid C ₁₄ H ₁₀ ClNO ₄
lofemizolum lofemizole	4-(<i>p</i> -chlorophenyl)-5-methylimidazole C ₁₀ H ₉ ClN ₂
lortalaminum lortalamine	(4 <i>aR</i> ,10 <i>R</i> ,10 <i>aR</i>)-8-chloro-1,2,3,4,10,10a-hexahydro-2-methyl-4 <i>a</i> ,10-[(iminoethano)-4 <i>aH</i> -[1]benzopyrano[3,2- <i>c</i>]pyridin-12-one C ₁₅ H ₁₇ ClN ₂ O ₂

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loxanastum loxanast	<i>cis</i> -4-isoheptyl-1-methylcyclohexanecarboxylic acid C ₁₄ H ₂₆ O ₂
mabuterolum mabuterol	4-amino- α -[<i>tert</i> -butylamino)methyl]-3-chloro-5-(trifluoromethyl)benzyl alcohol C ₁₃ H ₁₄ ClF ₃ N ₂ O
manozodilum manozodil	4,5,6,7-tetrahydro-2-methyl-5-[(methylamino)methyl]benzothiazole C ₁₀ H ₁₆ N ₂ S
mebrofeninum mebrofenin	[[[(3-bromomesityl)carbamoyl]methyl]imino]diacetic acid C ₁₅ H ₁₃ BrN ₂ O ₅
medorubicinum medorubicin	(1 <i>S</i> ,3 <i>S</i>)-3-glycoloyl-1,2,3,4,6,11-hexahydro-3,5,12-trihydroxy-6,11-dioxo-1-naphthacenyl 3-amino-2,3,6-trideoxy- α -L-lyxo-hexopyranoside or (7 <i>S</i> ,9 <i>S</i>)-7-[(3-amino-2,3,6-trideoxy- α -L-lyxo-hexopyranosyl)oxy]-9-glycoloyl-7,8,9,10-tetrahydro-6,9,11-trihydroxy-5,12-naphthacenedione C ₂₈ H ₂₇ NO ₁₀
mesulerginum sulergine	<i>N</i> '-(1,6-dimethylergolin-8 α -yl)- <i>N,N</i> -dimethylsulfamide C ₁₈ H ₂₆ N ₄ O ₂ S
metaclazepamum metaclazepam	7-bromo-5-(<i>o</i> -chlorophenyl)-2,3-dihydro-2-(methoxymethyl)-1-methyl-1 <i>H</i> -1,4-benzodiazepine C ₁₈ H ₁₆ BrClN ₂ O
misoprostolum misoprostol	(\pm)-methyl (1 <i>R</i> ,2 <i>R</i> ,3 <i>R</i>)-3-hydroxy-2-[(<i>E</i>)-(4 <i>RS</i>)-4-hydroxy-4-methyl-1-octenyl]-5-oxocyclopentaneheptanoate C ₂₂ H ₃₈ O ₅
mizoribinum mizoribine	5-hydroxy-1- β -D-ribofuranosylimidazole-4-carboxamide C ₉ H ₁₃ N ₃ O ₆
murocainidum murocainide	1-[4,7-dimethoxy-6-(2-piperidinoethoxy)-5-benzofuranyl]-3-methylurea C ₁₉ H ₂₇ N ₃ O ₅
napactadinum napactadine	<i>N,N</i> '-dimethyl-2-naphthaleneacetamidine C ₁₄ H ₁₆ N ₂
nicainoprolum nicainoprol	(\pm)-1,2,3,4-tetrahydro-8-[2-hydroxy-3-(isopropylamino)propoxy]-1-nicotinoyl-quinoline C ₂₁ H ₂₇ N ₃ O ₃
nitrefazolum nitrefazole	2-methyl-4-nitro-1-(<i>p</i> -nitrophenyl)imidazole C ₁₀ H ₈ N ₄ O ₄ 21721-92-6
norfloxacinum norfloxacin	1-ethyl-6-fluoro-1,4-dihydro-4-oxo-7-(1-piperazinyl)-3-quinolinecarboxylic acid C ₁₈ H ₁₈ FN ₄ O ₃
omeprazolum omeprazole	5-methoxy-2-[[[4-methoxy-3,5-dimethyl-2-pyridyl)methyl]sulfinyl]benzimidazole C ₁₇ H ₁₉ N ₃ O ₃ S
oxagrelatum oxagrelate	ethyl 3,4-dihydro-1-(hydroxymethyl)-5,7-dimethyl-4-oxo-6-phthalazinecarboxylate C ₁₄ H ₁₆ N ₂ O ₄
pafenololum pafenolol	(\pm)-1-[<i>p</i> -[2-hydroxy-3-(isopropylamino)propoxy]phenethyl]-3-isopropylurea C ₁₈ H ₃₁ N ₃ O ₃
picenadolum picenadol	(\pm)- <i>trans</i> - <i>m</i> -(1,3-dimethyl-4-propyl-4-piperidyl)phenol C ₁₆ H ₂₅ NO

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picoprazolum picoprazole	methyl 6-methyl-2-[[[3-methyl-2-pyridyl)methyl]sulfinyl]-5-benzimidazolecarboxylate $C_{17}H_{17}N_3O_3S$
picumastum picumast	7-[3-[4-(<i>p</i> -chlorobenzyl)-1-piperazinyl]propoxy]-3,4-dimethylcoumarin $C_{25}H_{29}ClN_2O_3$
pidorubicinum pidorubicin	(1 <i>S</i> ,3 <i>S</i>)-3-glycoloyl-1,2,3,4,6,11-hexahydro-3,5,12-trihydroxy-10-methoxy-6,11-dioxo-1-naphthacenyl 3-amino-2,3,6-trideoxy- α -L- <i>arabino</i> -hexopyranoside or (8 <i>S</i> ,10 <i>S</i>)-10-[[3-amino-2,3,6-trideoxy- α -L- <i>arabino</i> -hexopyranosyl]oxy]-8-glycoloyl-7,8,9,10-tetrahydro-6,8,11-trihydroxy-1-methoxy-5,12-naphthacenedione $C_{27}H_{29}NO_{11}$
pimetacinum pimetacin	1-(<i>p</i> -chlorobenzoyl)-5-methoxy-2-methyl-3-indoleacetic acid 3-pyridylmethyl thioester $C_{25}H_{21}ClN_2O_3S$
pimobendanum pimobendan	4,5-dihydro-6-[2-(<i>p</i> -methoxyphenyl)-5-benzimidazolyl]-5-methyl-3(2 <i>H</i>)-pyridazinone $C_{19}H_{18}N_4O_2$
pinacidilum pinacidil	(\pm)-2-cyano-1-(4-pyridyl)-3-(1,2,2-trimethylpropyl)guanidine $C_{13}H_{19}N_5$
pinafidum pinafide	3-nitro- <i>N</i> -[2-(1-pyrrolidinyl)ethyl]naphthalimide $C_{18}H_{17}N_3O_4$
pirenperonium pirenperone	3-[2-[4-(<i>p</i> -fluorobenzoyl)piperidino]ethyl]-2-methyl-4 <i>H</i> -pyrido[1,2- <i>a</i>]pyrimidin-4-one $C_{23}H_{24}FN_2O_2$
pirlimycinum pirlimycin	methyl 7-chloro-6,7,8-trideoxy-6-(<i>cis</i> -4-ethyl-L-pipecolamido)-1-thio-L- <i>threo</i> - α -D- <i>galacto</i> -octopyranoside $C_{17}H_{31}ClN_2O_5S$
pramiracetamum pramiracetam	<i>N</i> -[2-(diisopropylamino)ethyl]-2-oxo-1-pyrrolidineacetamide $C_{14}H_{27}N_3O_2$
propentofyllinum propentofylline	3-methyl-1-(5-oxohexyl)-7-propylxanthine $C_{15}H_{22}N_4O_3$
quisultidinum quisultidine	<i>N,N</i> -dimethyl-10-(3-quinuclidinyl)phenothiazine-2-sulfonamide $C_{21}H_{25}N_5O_2S_2$
sintropii bromidum sintropium bromide	(8 <i>r</i>)-3 α -hydroxy-8-isopropyl-1 α H,5 α H-tropanium bromide 2-propylvalerate $C_{19}H_{36}BrNO_2$
sopromidinum sopromidine	(-)-1-[(<i>R</i>)-2-imidazol-4-yl-1-methylethyl]-3-[2-[[[5-methylimidazol-4-yl)methyl]thio]ethyl]guanidine $C_{14}H_{23}N_7S$
spirendololum spirendolol	(\pm)-4'-[3-(<i>tert</i> -butylamino)-2-hydroxypropoxy]spiro[cyclohexane-1,2'-indan]-1'-one $C_{21}H_{31}NO_3$
spiromustinum spiromustine	3-[2-[bis(2-chloroethyl)amino]ethyl]-1,3-diazaspiro[4.5]decane-2,4-dione $C_{14}H_{23}Cl_2N_3O_2$

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steproninum stepronin	<i>N</i> -(2-mercaptopropionyl)glycine 2-thiophenecarboxylate (ester) C ₁₀ H ₁₁ NO ₄ S ₂
stirocainidum stirocainide	(<i>E</i>)-2-benzylidenecycloheptanone (<i>E</i>)- <i>O</i> -[2-(diisopropylamino)ethyl]oxime C ₂₂ H ₃₄ N ₂ O
sulfaquinoxalinum sulfaquinoxaline	<i>N</i> ¹ -2-quinoxalinylsulfanilamide C ₁₄ H ₁₂ N ₄ O ₂ S
suproclonum suproclonone	4-propionyl-1-piperazinecarboxylic acid, ester with (±)-6-(7-chloro-1,8-naphthyridin-2-yl)-2,3,6,7-tetrahydro-7-hydroxy-5 <i>H</i> - <i>p</i> -dithiino[2,3- <i>c</i>]pyrrol-5-one C ₂₂ H ₂₂ ClN ₅ O ₄ S ₂
talbutalum talbutal	5-allyl-5- <i>sec</i> -butylbarbituric acid C ₁₁ H ₁₆ N ₂ O ₃
talmetacinum talmetacin	(±)-1-(<i>p</i> -chlorobenzoyl)-5-methoxy-2-methylindole-3-acetic acid, ester with 3-hydroxyphthalide C ₂₇ H ₂₀ ClNO ₆
tametralinum tametraline	(1 <i>R</i> ,4 <i>S</i>)-1,2,3,4-tetrahydro- <i>N</i> -methyl-4-phenyl-1-naphthylamine C ₁₇ H ₁₉ N
tefenperatum tefenperate	2-(2,2,6,6-tetramethylpiperidino)ethyl <i>o</i> -chloro- α -(<i>o</i> -chlorobenzyl)- α -hydroxy-hydrocinnamate acetate (ester) C ₂₉ H ₃₇ Cl ₂ NO ₄
tenonitrozolum tenonitrozole	<i>N</i> -(5-nitro-2-thiazolyl)-2-thiophenecarboxamide C ₈ H ₅ N ₃ O ₃ S ₂
terlipressinum terlipressin	<i>N</i> -[<i>N</i> -(<i>N</i> -glycylglycyl)glycyl]-8-L-lysinevasopressin C ₅₂ H ₇₄ N ₁₆ O ₁₅ S ₂
teroxironum teroxirone	(<i>RS,RS,SR</i>)-1,3,5-tris(2,3-epoxypropyl)- <i>s</i> -triazine-2,4,6(1 <i>H</i> ,3 <i>H</i> ,5 <i>H</i>)-trione C ₁₂ H ₁₅ N ₃ O ₅
tiquizii bromidum tiquizium bromide	<i>trans</i> -3-(di-2-thienylmethylene)octahydro-5-methyl-2 <i>H</i> -quinolizinium bromide C ₁₉ H ₂₄ BrNS ₂
tonazocinum tonazocine	(±)-1-[(2 <i>R</i> *,6 <i>S</i> *,11 <i>S</i> *)-1,2,3,4,5,6-hexahydro-8-hydroxy-3,6,11-trimethyl-2,6-methano-3-benzazocin-11-yl]-3-octanone C ₂₃ H ₃₅ NO ₂
tranilastum tranilast	<i>N</i> -(3,4-dimethoxycinnamoyl)anthranilic acid C ₁₈ H ₁₇ NO ₅
trequinsinum trequinsin	2,3,6,7-tetrahydro-2-(mesitylimino)-9,10-dimethoxy-3-methyl-4 <i>H</i> -pyrimido[6,1- <i>a</i>]isoquinolin-4-one C ₂₄ H ₂₇ N ₃ O ₃
tricitribinum tricitribine	3-amino-1,5-dihydro-5-methyl-1- β - <i>D</i> -ribofuranosyl-1,4,5,6,8-pentaazaacenaphthylene C ₁₃ H ₁₆ N ₆ O ₄

*Recommended International
Nonproprietary Name* (Latin, English)

Chemical Name or Description and Molecular Formulae

trimetrexatum trimetrexate	2,4-diamino-5-methyl-6-[(3,4,5-trimethoxyanilino)methyl]quinazoline $C_{19}H_{23}N_5O_3$
trimexilinum trimexiline	(±)-2,4,6-trimethyl- <i>N</i> -(1-methylhexyl)benzylamine $C_{17}H_{29}N$
veradolinum veradoline	(±)-2-{ <i>p</i> -aminophenethyl}-1,2,3,4-tetrahydro-6,7-dimethoxy-1-methylisoquinoline $C_{20}H_{25}N_2O_2$
vecuronii bromidum vecuronium bromide	1-(3 α ,17 β -dihydroxy-2 β -piperidino-5 α -androstan-16 β -yl)-1-methylpiperidinium bromide diacetate (ester) $C_{34}H_{57}BrN_2O_4$
vinconatum vinconate	(±)-methyl 3-ethyl-2,3,3a,4-tetrahydro-1 <i>H</i> -indolo[3,2,1- <i>de</i>][1,5]naphthyridine-6-carboxylate $C_{18}H_{20}N_2O_2$
vinzolidinum vinzolidine	methyl (3 <i>R</i> ,5 <i>S</i> ,7 <i>R</i> ,9 <i>S</i>)-9-[3'-(2-chloroethyl)-6,7-didehydro-4 β -hydroxy-16-methoxy-1-methyl-2',4'-dioxo-2 β ,3 β ,5 α ,12 β ,19 α -spiro[aspidospermidine-3,5'-oxazolidin]-15-yl]-5-ethyl-1,4,5,6,7,8,9,10-octahydro-5-hydroxy-2 <i>H</i> -3,7-methanoazacycloundecino[5,4- <i>b</i>]indole-9-carboxylate 4'-acetate (ester) $C_{48}H_{58}ClN_5O_3$
viqualinum viqualine	6-methoxy-4-[3-[(3 <i>R</i> ,4 <i>R</i>)-3-vinyl-4-piperidyl]propyl]quinoline $C_{20}H_{26}N_2O$
zaprinastum zaprinast	3,6-dihydro-5-(<i>o</i> -propoxyphenyl)-7 <i>H</i> - <i>v</i> -triazolo[4,5- <i>d</i>]pyrimidin-7-one $C_{13}H_{13}N_5O_2$

AMENDMENTS TO PREVIOUS LISTS

Supplement to Vol. 31, No. 10

Recommended International Nonproprietary Names (Rec. INN): List 17

p. 7	procaterolum procaterol	<i>Precede chemical name by (±)-erythro-</i>
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Supplement to Vol. 33, No. 10

Recommended International Nonproprietary Names (Rec. INN): List 19

p. 5	ketoconazolum ketoconazole	<i>Complete chemical name by preceding it by (±)-</i>
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Supplement to Vol. 35, No. 5

Recommended International Nonproprietary Names (Rec. INN): List 21

p. 1	<i>delete</i> acefyllinum acefylline	<i>insert</i> acefyllinum clofibrolum acefylline clofibrol
p. 2	amperozidum amperozide	<i>Replace molecular formula by C₂₃H₂₉F₂N₃O</i>
p. 6	heparinum heparin	<i>In the description delete sodium salt of an</i>
p. 8	piclonidinum piclonidine	<i>In chemical name replace anilino-2 by anilino]-2</i>
p. 9	spirorenonum spirorenone	<i>Complete second chemical name by preceding it by 17-</i>