

International Nonproprietary Names for Pharmaceutical Substances

In accordance with article 3 of the Procedure for the Selection of Recommended International Nonproprietary Names for Pharmaceutical Substances,¹ notice is hereby given that the following names are under consideration by the World Health Organization as Proposed International Nonproprietary Names.

Comments on, or formal objections to, the proposed names may be forwarded by any

person to the Pharmaceuticals unit of the World Health Organization within four months of the date of their publication in *WHO Drug Information*, e.g., for List 58 Prop. INN not later than 28 February 1988.

The inclusion of a name in the lists of proposed international nonproprietary names does not imply any recommendation for the use of the substance in medicine or pharmacy.

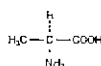
Proposed International Nonproprietary Names (Prop. INN): List 58²

Proposed International
Nonproprietary Name (Latin, English)

Chemical Name or Description, Molecular and Graphic Formulae
Chemical Abstracts Service (CAS) registry number

alaninum
alanine

L-alanine
 $C_3H_7NO_2$ 56-41-7



Comprehensive information on the INN programme can be found in WHO Technical Report Series, No. 581, 1975 (*Nonproprietary Names for Pharmaceutical Substances*. Twentieth Report of the WHO Expert Committee), ISBN 92 4 120581 4 (price, Sw. fr. 6.-), an account of this publication will be found in Annex 2 of the present List. All names from Lists 1-47 of Proposed International Nonproprietary Names, together with a molecular formula index, will be found in: *International Nonproprietary Names (INN) for Pharmaceutical Substances. Cumulative List No. 6, 1982*, World Health Organization, Geneva (ISBN 92 4 056013 0) (price, Sw. fr. 55.-). This publication consists, in the main, of a computer printout which groups together all the proposed and recommended international nonproprietary names (INN)—in Latin, English, French, Russian, and Spanish—published up to April 1982. The printout also indicates in which of the 47 individual lists of proposed names and 21 lists of recommended names each INN was originally published, and gives references to national nonproprietary names, pharmacopoeia monographs, and other sources. In addition, the list contains molecular formulae and Chemical Abstracts Service registry numbers. For easy reference, national nonproprietary names that differ from INN, molecular formulae, and Chemical Abstracts Service registry numbers are indexed in a series of annexes. A final annex describes the procedure for selecting recommended INN and outlines the general principles to be followed in devising these names. All the textual material published in this volume appears in both English and French.

These publications may be obtained, direct or through booksellers, from the sales agents listed on the back cover of *WHO Drug Information*. Orders from countries where sales agents have not yet been appointed may be addressed to: World Health Organization, Distribution and Sales Service 1211 Geneva 27, Switzerland.

¹ Text adopted by the Executive Board of WHO in resolution EB15.R7 (*Off. Rec. Wld Hlth Org.*, 1955, 60, 3) and amended by the Board in resolution EB43.R9 (*Off. Rec. Wld Hlth Org.*, 1969, 173, 10).

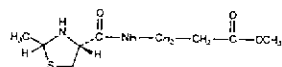
² Other lists of proposed and recommended international nonproprietary names can be found in *Cumulative List No. 6, 1982*.

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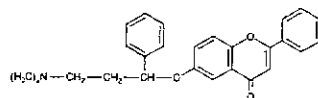
alonacicum
alonacic

N-[[[2*RS*,4*R*]-2-methyl-4-thiazolidinyl]carbonyl]- β -alanine, methyl ester
 $C_9H_{16}N_2O_3S$ 105292-70-4



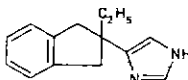
ansoxetinum
ansoxetine

(\pm)-6-[[α -[2-(dimethylamino)ethyl]benzyl]oxy]flavone
 $C_{26}H_{25}NO_3$ 79130-64-6



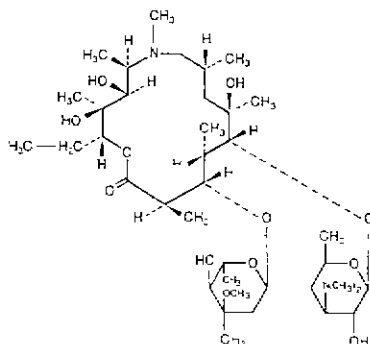
atipamezolum
atipamezole

4-(2-ethyl-2-indanyl)imidazole
 $C_{14}H_{15}N_2$ 104054-27-5



azithromycinum
azithromycin

(2*R*,3*S*,4*R*,5*R*,8*R*,10*R*,11*R*,12*S*,13*S*,14*R*)-13-[(2,6-dideoxy-3-*C*-methyl-3-*O*-methyl- α -*L*-ribo-hexopyranosyl)oxy]-2-ethyl-3,4,10-trihydroxy-3,5,6,8,10,12,14-heptomethyl-11-[[[3,4,6-trideoxy-3-(dimethylamino)- β -*D*-xylo-hexopyranosyl]-oxy]-1-oxa-6-azacyclopentadecan-15-one
 $C_{38}H_{72}N_2O_{12}$ 83905-01-5

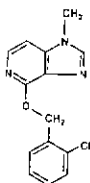


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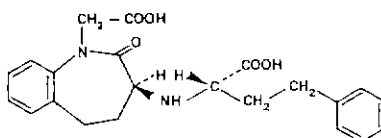
bamaluzolum
bamaluzole

4-[(*o*-chlorobenzyl)oxy]-1-methyl-1*H*-imidazo[4,5-*c*]pyridine
C₁₄H₁₂ClN₃O 87034-87-5



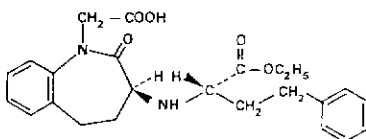
benazeprilatium
benazeprilat

(3*S*)-3-[[[(1*S*)-1-carboxy-3-phenylpropyl]amino]-2,3,4,5-tetrahydro-2-oxo-1*H*-1-benzazepine-1-acetic acid
C₂₂H₂₄N₂O₅ 86541-78-8



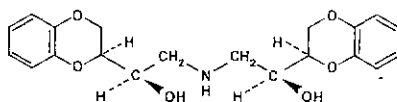
benazeprilum
benazepril

(3*S*)-3-[[[(1*S*)-1-carboxy-3-phenylpropyl]amino]-2,3,4,5-tetrahydro-2-oxo-1*H*-1-benzazepine-1-acetic acid, 3-ethyl ester
C₂₄H₂₆N₂O₅ 86541-75-5



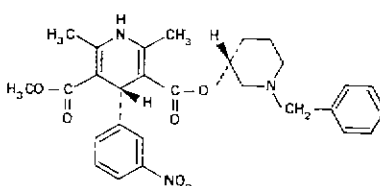
bendacolum
bendacolol

(*αR,α'S,2S,2'R*)-*α,α'*-(iminodimethylene)bis[1,4-benzodioxan-2-methanol]
C₂₀H₂₀NO₆ 81703-42-6



benidipinum
benidipine

(±)-(*R*^{*})-3-[(*R*^{*})-1-benzyl-3-piperidyl] methyl 1,4-dihydro-2,6-dimethyl-4-(*m*-nitrophenyl)-3,5-pyridinedicarboxylate
C₂₈H₃₁N₃O₆ 105979-17-7

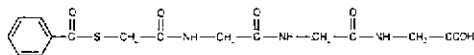


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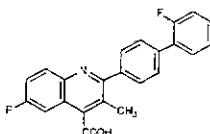
betiatidum
betiatide

N-[*N*-(mercaptoacetyl)glycyl]glycyl]glycine benzoate (ester)
C₁₅H₁₇N₃O₆S 103725-47-9



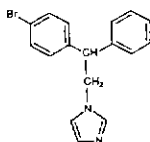
brequinarum
brequinar

6-fluoro-2-(2'-fluoro-4-biphenyl)-3-methyl-4-quinolinecarboxylic acid
C₂₃H₁₅F₂NO₂ 96187-53-0



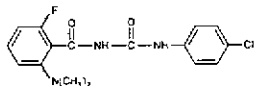
brolaconazolum
brolaconazole

(±)-1-(*p*-bromo-*β*-phenylphenethyl)imidazole
C₁₇H₁₅BrN₂ 108894-40-2



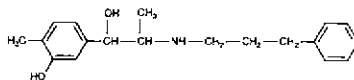
clanfenurum
clanfenur

1-(*p*-chlorophenyl)-3-(6-fluoro-*N,N*-dimethylantraniloyl)urea
C₁₆H₁₅ClFN₂O₂ 51213-99-1



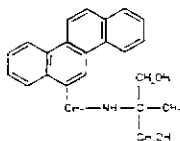
clipoxaminum
clipoxamine

(±)-(*αR**)-3-hydroxy-4-methyl-*α*-[(1*S**)-1-[(3-phenylpropyl)amino]ethyl]benzyl
alcohol
C₁₉H₂₅NO₂ 109525-44-2



crisnatolum
crisnatol

2-[(6-chrysenylmethyl)amino]-2-methyl-1,3-propanediol
C₂₃H₂₃NO₂ 96389-68-3

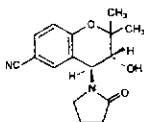


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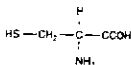
cromakalimum
cromakalim

(±)-*trans*-3-hydroxy-2,2-dimethyl-4-(2-oxo-1-pyrrolidinyl)-6-
chromancarbonitrile
 $C_{16}H_{18}N_2O_3$ 94470-67-4



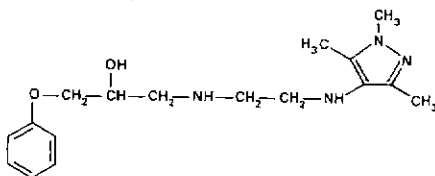
cysteinum
cysteine

L-cysteine
 $C_3H_7NO_2S$ 52-90-4



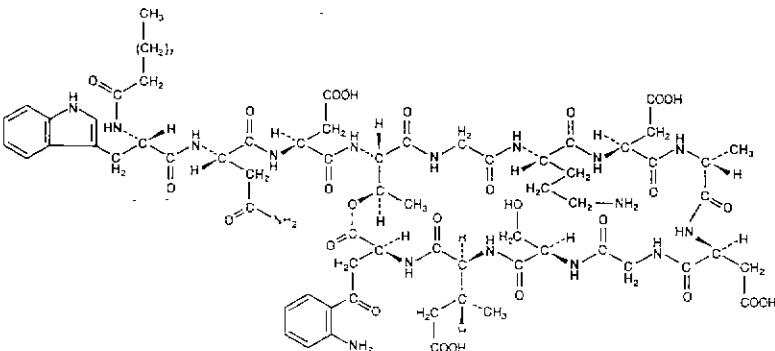
dalbraminolum
dalbraminol

(±)-1-phenoxy-3-[[2-[(1,3,5-trimethylpyrazol-4-yl)amino]ethyl]amino]-2-
propanol
 $C_{17}H_{26}N_4O_2$ 81528-80-5



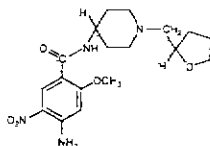
daptomycinum
daptomycin

N-decanoyl-L-tryptophyl-L-asparaginyl-L-aspartyl-L-threonylglycyl-L-ornithyl-L-
aspartyl-D-alanyl-L-aspartylglycyl-D-seryl-threo-3-methyl-L-glutamyl-3-
anthraniloyl-L-alanine, ϵ_1 -lactone
 $C_{72}H_{101}N_{17}O_{26}$ 103060-53-3



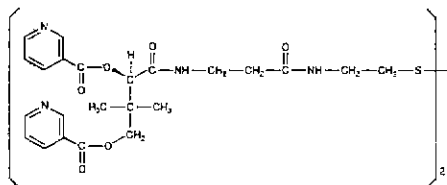
denipridum
denipride

(±)-4-amino-5-nitro-*N*-[1-(tetrahydrofurfuryl)-4-piperidyl]-*o*-anisamide
C₁₈H₂₆N₄O₅ 106972-33-2



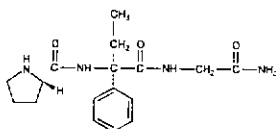
derpanicum
derpanicate

nicotinic acid, tetraester with *N,N'*-[dithiobis(ethyleneiminocarbonyl-ethylene)]bis[*R*]-2,4-dihydroxy-3,3-dimethylbutyramide]
C₄₈H₅₄N₈O₁₂S₂ 99518-29-3



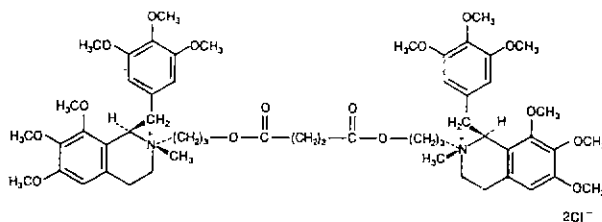
doreptidum
doreptide

(2*S*)-*N*[(*αR*)-*α*-(carbamoylmethyl)carbamoyl]-*α*-ethylbenzyl]-2-pyrrolidinecarboxamide
C₁₇H₂₄N₄O₃ 90104-48-6



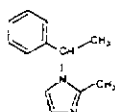
doxacurii chloridum
doxacurium chloride

(1*R*,2*S*;1*S*,2*R*)-1,2,3,4-tetrahydro-2-(3-hydroxypropyl)-6,7,8-trimethoxy-2-methyl-1-(3,4,5-trimethoxybenzyl)isoquinolinium chloride, succinate (2:1)
C₃₆H₃₈Cl₂N₂O₁₆ 106819-53-8



efetozolum
efetozole

(±)-2-methyl-1-(*α*-methylbenzyl)imidazole
C₁₂H₁₄N₂ 99500-54-6

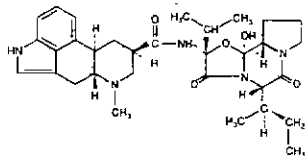


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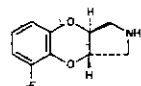
epicriptinum
epicriptine

9,10 α -dihydro-13'-*epi*- β -ergocryptine or (13'*R*)-9,10 α -dihydro- β -ergocryptine
C₃₂H₄₃N₅O₃ 88660-47-3



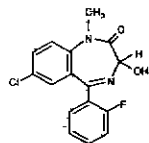
fluparoxanum
fluparoxan

(3*aS*,9*aS*)-5-fluoro-2,3,3*a*,9*a*-tetrahydro-1*H*[1,4]benzodioxino[2,3-*c*]pyrrole
C₁₀H₁₀FNO₂ 105182-45-4



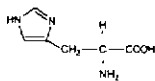
flutemazepamum
flutemazepam

7-chloro-5-(*o*-fluorophenyl)-1,3-dihydro-3-hydroxy-1-methyl-2*H*-1,4-benzodiazepin-2-one
C₁₈H₁₂ClFN₂O₂ 52391-89-6



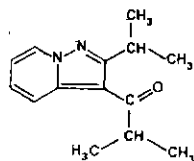
histidinum
dine

L-histidine
C₆H₉N₃O₂ 71-00-1



ibudilastum
ibudilast

1-(2-isopropylpyrazolo[1,5-*a*]pyridin-3-yl)-2-methyl-1-propanone
C₁₄H₁₆N₂O 50847-11-5

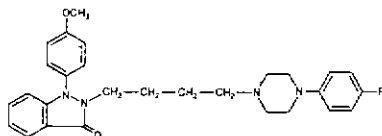


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idenastum
idenast

2-[4-[4-(*p*-fluorophenyl)-1-piperazinyl]butyl]-1-(*p*-methoxyphenyl)-3-indazolinone
 $C_{28}H_{31}FN_4O_2$ 108674-88-0

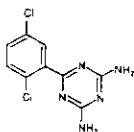


insulinum arginum
insulin argine

30^aa-L-arginine-30^bb-L-arginineinsulin (human)
 $C_{283}H_{407}N_{73}O_{79}S_6$ 68859-20-1

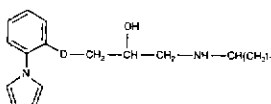
irsogladinum
irsogladine

2,4-diamino-6-(2,5-dichlorophenyl)-*s*-triazine
 $C_9H_7Cl_2N_5$ 57381-26-7



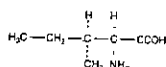
isamolitanum
isamolitan

(±)-1-(isopropylamino)-3-(*o*-pyrrol-1-ylphenoxy)-2-propanol
 $C_{16}H_{22}N_2O_2$ 55050-95-8



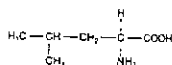
isoleucinum
isoleucine

L-isoleucine
 $C_6H_{13}NO_2$ 73-32-5



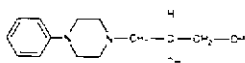
leucinum
leucine

L-leucine
 $C_6H_{13}NO_2$ 61-90-5



levdropropizinum
levdropropizine

(-)-(*S*)-3-(4-phenyl-1-piperazinyl)-1,2-propanediol
 $C_{13}H_{20}N_2O_2$ 99291-24-4

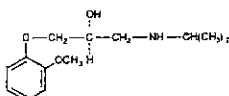


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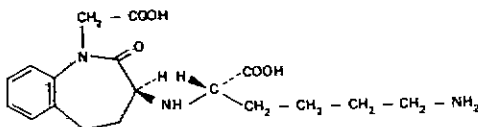
levomoprolol
levomoprolol

(-)-(S)-1-(isopropylamino)-3-(o-methoxyphenoxy)-2-propanol
 $C_{13}H_{21}NO_3$ 77164-20-6



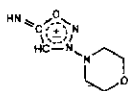
libenzaprilum
libenzapril

N^2 -[(3S)-1-(carboxymethyl)-2,3,4,5-tetrahydro-2-oxo-1H-1-benzazepin-3-yl]-L-lysine
 $C_{18}H_{25}N_3O_5$ 97878-35-8



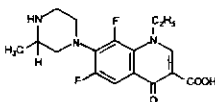
linsidominum
linsidomine

3-morpholinosydnone imine
 $C_8H_{10}N_4O_2$ 33876-97-0



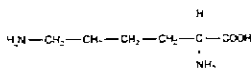
pefloxacinum
pefloxacine

(±)-1-ethyl-6,8-difluoro-1,4-dihydro-7-(3-methyl-1-piperazinyl)-4-oxo-3-quinolinecarboxylic acid
 $C_{17}H_{19}F_2N_3O_3$ 98079-51-7



lysinum
lysine

L-lysine
 $C_6H_{14}N_2O_2$ 56-87-1

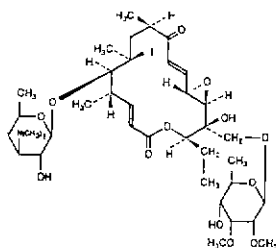


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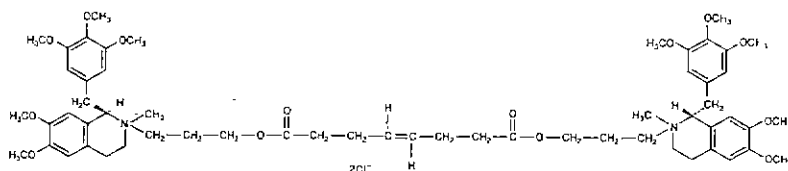
mirosamicinum
mirosamicin

14-hydroxymycinamicin I or (-)-(1*R*,2*S*,3*R*,6*E*,8*S*,9*S*,10*S*,12*R*,14*E*,16*S*)-2-[[[(6-deoxy-2,3-di-*O*-methyl-β-D-allopyranosyl)oxy]methyl]-3-ethyl-2-hydroxy-8,10,12-trimethyl-9-[[[3,4,6-trideoxy-3-(dimethylamino)-β-D-xy/α-hexopyranosyl]oxy]-4,17-dioxabicyclo[14.1.0]heptadeca-6,14-diene-5,13-dione
C₃₇H₆₁NO₁₃ 73684-69-2



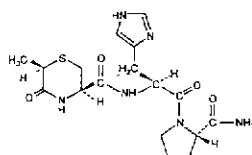
mivacurii chloridum
mivacurium chloride

(*R*)-1,2,3,4-tetrahydro-2-(3-hydroxypropyl)-6,7-dimethoxy-1-(3,4,5-trimethoxybenzyl)isoquinolinium chloride, (*E*)-4-octenedioate (2:1)
C₃₈H₄₀Cl₂N₂O₁₄ 106861-44-3



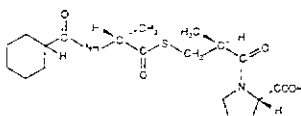
montirelinum
montirelin

N-[[[(3*R*,6*R*)-6-methyl-5-oxo-3-thiomorpholinyl]carbonyl]-L-histidyl-L-prolinamide
C₁₇H₂₄N₆O₄S 90243-66-6



moveltiprilum
moveltipril

(-)-1-[(2*S*)-3-mercapto-2-methylpropionyl]-L-proline, ester with *N*-(cyclohexyl-carbonyl)thio-D-alanine
C₁₉H₃₀N₂O₅S 85856-54-8

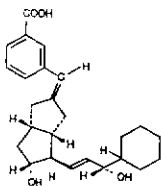


Proposed International
Nonproprietary Name (Latin, English)

Chemical Name or Description, Molecular and Graphic Formulae
Chemical Abstracts Service (CAS) registry number

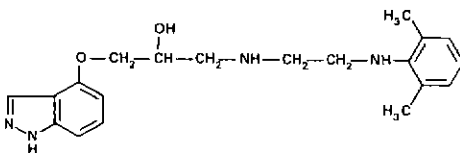
naxaprostenum
naxaprostene

α -[(2*E*,3*aS*,4*R*,5*R*,6*aS*)-4-[(1*E*,3*S*)-3-cyclohexyl-3-hydroxypropenyl]hexahydro-5-hydroxy-2(1*H*)-pentalenyldene]-*m*-toluic acid
 $C_{25}H_{32}O_4$ 87269-59-8



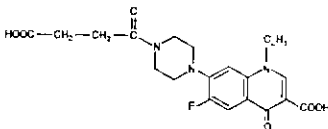
aminolum
aminol

(\pm)-1-(1*H*-indazol-4-yloxy)-3-[[2-(2,6-xylidino)ethyl]amino]-2-propanol
 $C_{20}H_{26}N_4O_2$ 86140-10-5



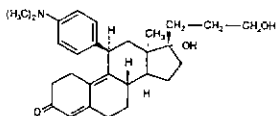
norfloxacinum succinilum
norfloxacin succinil

7-[4-(3-carboxypropionyl)-1-piperazinyl]-1-ethyl-6-fluoro-1,4-dihydro-4-oxo-3-quinolinecarboxylic acid
 $C_{20}H_{22}FN_3O_6$ 100587-52-8



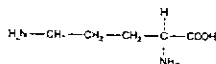
onapristonum
onapristone

11 β -[*p*-(dimethylamino)phenyl]-17 α -hydroxy-17-(3-hydroxypropyl)-13 α -estra-4,9-dien-3-one
 $C_{29}H_{39}NO_3$ 96346-61-1



ornithinum
ornithine

L-ornithine
 $C_5H_{12}N_2O_2$ 70-26-8

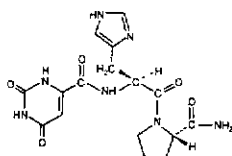


Proposed International
Nonproprietary Name (Latin, English)

Chemical Name or Description, Molecular and Graphic Formulae
Chemical Abstracts Service (CAS) registry number

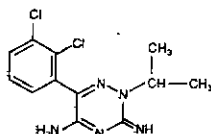
orotirelinum
orotirelin

N-[(1,2,3,6-tetrahydro-2,6-dioxo-4-pyrimidinyl)carbonyl]-*L*-histidyl-*L*-prolinamide
 $C_{16}H_{19}N_7O_5$ 62305-86-6



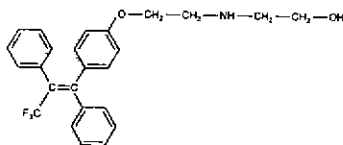
palatriginum
palatrigine

5-amino-6-(2,3-dichlorophenyl)-2,3-dihydro-3-imino-2-isopropyl-as-triazine
 $C_{12}H_{13}Cl_2N_5$ 98410-36-7



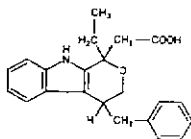
panomifenum
panomifene

(*E*)-2-[[2-[*p*-(3,3,3-trifluoro-1,2-diphenylpropenyl)phenoxy]ethyl]amino]ethanol
 $C_{25}H_{24}F_3NO_2$ 77599-17-8



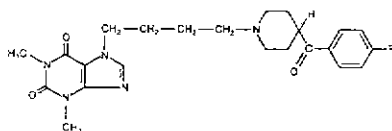
pemedolacum
pemedolac

(±)-4-benzyl-1-ethyl-1,3,4,9-tetrahydropyrano[3,4-*b*]indole-1-acetic acid
 $C_{22}H_{23}NO_3$ 103024-44-8



perbufyllinum
perbufylline

7-[4-[4-(*p*-fluorobenzoyl)piperidino]butyl]theophylline
 $C_{23}H_{28}FN_5O_3$ 110390-84-6

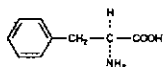


Proposed International
Nonproprietary Name (Latin, English)

Chemical Name or Description, Molecular and Graphic Formulae
Chemical Abstracts Service (CAS) registry number

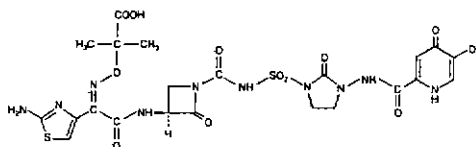
phenylalaninum
phenylalanine

L-phenylalanine
 $C_9H_9NO_2$ 63-91-2



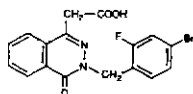
pirazmonamum
pirazmonam

2-[[[(2-amino-4-thiazolyl)[[1-[[[3-(1,4-dihydro-5-hydroxy-4-oxopicolinamido)-2-oxo-1-imidazolidinyl]sulfonyl]carbamoyl]-2-oxo-3-azetidinyl]carbamoyl]-methylene]amino]oxy]-2-methylpropionic acid
 $C_{22}H_{24}N_{10}O_{12}S_2$ 108319-07-9



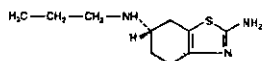
ponalrestatum
ponalrestat

3-(4-bromo-2-fluorobenzyl)-3,4-dihydro-4-oxo-1-phthalazineacetic acid
 $C_{17}H_{12}BrFN_2O_3$ 72702-95-5



pramipexolum
pramipexole

(S)-2-amino-4,5,6,7-tetrahydro-6-(propylamino)benzothiazole
 $C_{10}H_{17}N_3S$ 104632-26-0



prolinum
proline

L-proline
 $C_5H_9NO_2$ 147-85-3

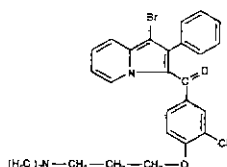


*Proposed International
Nonproprietary Name (Latin, English)*

*Chemical Name or Description, Molecular and Graphic Formulae
Chemical Abstracts Service (CAS) registry number*

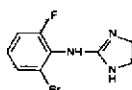
rilozaronum
rilozarone

1-bromo-2-phenyl-3-indoliziny 3-chloro-4-[3-(dibutylamino)propoxy]phenyl
ketone
 $C_{32}H_{36}BrClN_2O_2$ 79282-39-6



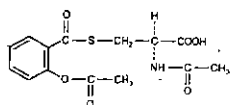
romifidinum
romifidine

2-(2-bromo-6-fluoroanilino)-2-imidazoline
 $C_9H_9BrFN_2$ 65896-16-4



salmisteinum
salmisteine

N-acetyl-L-cysteine salicylate (ester), acetate (ester)
 $C_{14}H_{15}NO_6S$ 89767-59-9

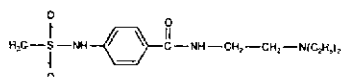


saruplasum
saruplase

prourokinase (enzyme activating) (human clone pUK 4/pUK 18 protein
moiety reduced)
 $C_{2031}H_{3145}N_{585}O_{601}S_{31}$ 99149-95-8

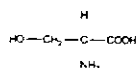
sematilidum
sematilide

N-[2-(diethylamino)ethyl]-*p*-methanesulfonamidobenzamide
 $C_{14}H_{23}N_3O_3S$ 101526-83-4



serinum
serine

L-serine
 $C_3H_7NO_3$ 56-45-1

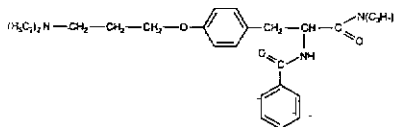


Proposed International
Nonproprietary Name (Latin, English)

Chemical Name or Description, Molecular and Graphic Formulae
Chemical Abstracts Service (CAS) registry number

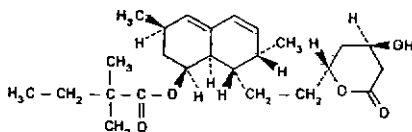
sevopramidum
sevopramide

(±)- α -benzamido-*p*-[3-(diethylamino)propoxy]-*N,N*-dipropylhydro-
cinnamamide
 $C_{29}H_{43}N_3O_3$ 57227-17-5



simvastatinum
simvastatin

2,2-dimethylbutyric acid, 8-ester with (4*R*,6*R*)-6-[2-[(1*S*,2*S*,6*R*,8*S*,8*aR*)-
1,2,6,7,8,8*a*-hexahydro-8-hydroxy-2,6-dimethyl-1-naphthyl]ethyl]tetrahydro-4-
hydroxy-2*H*-pyran-2-one
 $C_{25}H_{34}O_5$ 79902-63-9

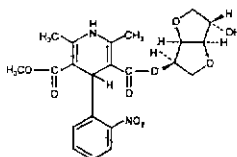


somidobovum
somidobove

1-[*N*²-[*M*-[*M*-[*M*-[*N*-[1-(*N*-methionyl-L-phenylalanyl)-L-prolyl]-L-leucyl]-L-
aspartyl]-L-aspartyl]-L-aspartyl]-L-aspartyl]-L-lysine]growth hormone (ox)
 $C_{1020}H_{1596}N_{274}O_{302}S_9$ 89383-13-1

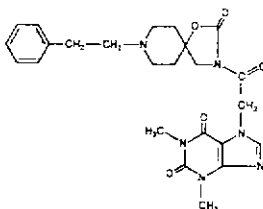
sornidipinum
sornidipine

(+)-1,4-dihydro-2,6-dimethyl-4-(*o*-nitrophenyl)-3,5-pyridinedicarboxylic acid,
methyl ester, 5-ester with 1,4: 3,6-dianhydro-*D*-glucitol
 $C_{22}H_{24}N_2O_9$ 95105-77-4



spirofyllinum
spirofylline

8-phenethyl-3-[(1,2,3,6-tetrahydro-1,3-dimethyl-2,6-dioxopurin-7-yl)acetyl]-1-
oxa-3,8-diazaspiro[4,5]decan-2-one
 $C_{24}H_{28}N_6O_5$ 98204-48-9



Proposed International
Nonproprietary Name (Latin, English)

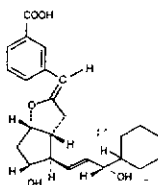
Chemical Name or Description, Molecular and Graphic Formulae
Chemical Abstracts Service (CAS) registry number

sudismasum
sudismase

N-acetylsuperoxide dismutase (human clone pS 61-10 copper-zinc subunit
protein moiety reduced)
 $C_{581}H_{1087}N_{203}O_{225}S_4$ 110294-55-8

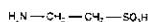
taprostenum
taprostene

α -[(2*Z*,3*aR*,4*R*,5*R*,6*aS*)-4-[(1*E*,3*S*)-3-cyclohexyl-3-hydroxypropenyl]hexahydro-
5-hydroxy-2*H*-cyclopenta[*b*]furan-2-ylidene]-*m*-toluic acid
 $C_{24}H_{30}O_5$ 108945-35-3



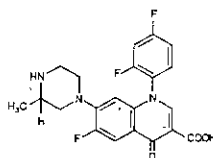
taurinum
taurine

taurine
 $C_2H_7NO_3S$ 107-35-7



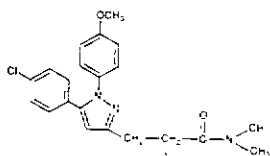
temafloxacinum
temafloxacin

(±)-1-(2,4-difluorophenyl)-6-fluoro-1,4-dihydro-7-(3-methyl-1-piperazinyl)-4-
oxo-3-quinolinecarboxylic acid
 $C_{27}H_{18}F_3N_3O_3$ 108319-06-8



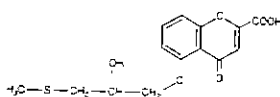
tepoxalimum
tepoxalin

5-(*p*-chlorophenyl)-1-(*p*-methoxyphenyl)-*N*-methylpyrazole-3-
propionohydroxamic acid
 $C_{20}H_{20}ClN_3O_3$ 103475-41-8



texacromilum
texacromil

(±)-5-[2-hydroxy-3-(methylthio)propoxy]-4-oxo-4*H*-1-benzopyran-2-carboxylic
acid
 $C_{14}H_{14}O_6S$ 77005-28-8

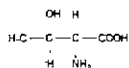


Proposed International
Nonproprietary Name (Latin, English)

Chemical Name or Description, Molecular and Graphic Formulae
Chemical Abstracts Service (CAS) registry number

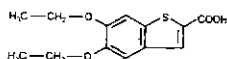
threoninum
threonine

L-threonine
 $C_4H_9NO_3$ 72-19-5



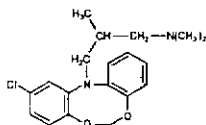
tibenelastum
tibenelast

5,6-diethoxybenzo[*b*]thiophene-2-carboxylic acid
 $C_{13}H_{14}O_4S$ 97852-72-7



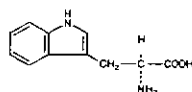
traboxopinum
traboxopine

(±)-2-chloro-12-[3-(dimethylamino)-2-methylpropyl]-12*H*-dibenzo[*d,g*][1,3,6]-
dioxazocine
 $C_{18}H_{23}ClN_2O_2$ 103624-59-5



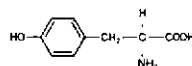
tryptophanum
tryptophan

L-tryptophan
 $C_{11}H_{12}N_2O_2$ 73-22-3



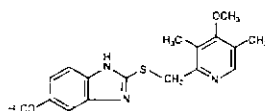
tyrosinum
tyrosine

L-tyrosine
 $C_9H_{11}NO_3$ 60-18-4



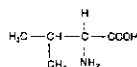
uliprazolum
uliprazole

5-methoxy-2-[[(4-methoxy-3,5-dimethyl-2-pyridyl)methyl]thio]benzimidazole
 $C_{17}H_{19}N_3O_3S$ 73590-85-9



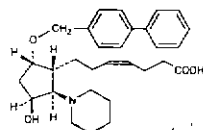
valinum
valine

L-valine
 $C_5H_9NO_2$ 72-18-4



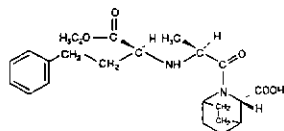
vapiprostum
vapiprost

(+)-(Z)-7-[(1*R*,2*R*,3*S*,5*S*)-3-hydroxy-5-[(*p*-phenylbenzyl)oxy]-2-piperidinocyclopentyl]-4-heptenoic acid
 $C_{30}H_{39}NO_4$ 85505-64-2



zabiciprilum
zabicipril

(3*S*)-2-[(2*S*)-*N*-[(1*S*)-1-carboxy-3-phenylpropyl]alanyl]-2-azabicyclo[2.2.2]-octane-3-carboxylic acid, 1-ethyl ester
 $C_{23}H_{32}N_2O_5$ 83059-56-7



Names for Radicals and Groups

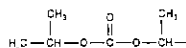
Some substances for which a proposed international non-proprietary name has been established may be used in the form of salts or esters. The radicals or groups involved

may be of complex composition and it is then inconvenient to refer to them in systematic chemical nomenclature. Consequently, shorter nonproprietary names for some radicals

and groups have been devised or selected, and they are suggested for use with the proposed international non-proprietary names.

proxetilum
proxetil

1-[(isopropoxycarbonyl)oxy]ethyl



AMENDMENTS TO PREVIOUS LISTS

Cumulative List No. 6, 1982

International Nonproprietary Names (INN) for Pharmaceutical Substances

	<i>delete</i>	<i>insert</i>
p. 4	acidum aminoaceticum aminoacetic acid	glycinum glycine

WHO Chronicle, Vol. 26, No. 4

Proposed International Nonproprietary Names (Prop. INN): List 27

	<i>delete</i>	<i>insert</i>
p. 31	glipentidum glipentide	glisentidum glisentide

Supplement to Vol. 38, No. 4, 1984

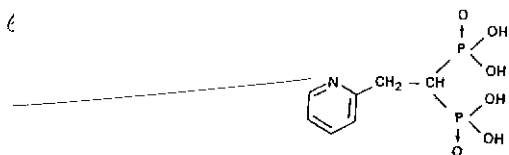
Proposed International Nonproprietary Names (Prop. INN): List 52

	<i>delete</i>	<i>insert</i>
p. 7	decapinolum decapinol	delmopinolum delmopinol

Supplement to Vol. 40, No. 5, 1986

Proposed International Nonproprietary Names (Prop. INN): List 56

	<i>replace graphic formula by:</i>
p. 1	acidum piridronicum piridronic acid



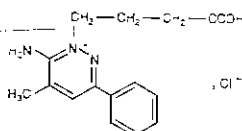
	<i>in the graphic formula complete the pyridinio ring with a double bond</i>
p. 4	cefempidonum cefempidone

	<i>replace the comma between the two graphic formulas by a dot</i>
p. 7	erythromycini stinopras erythromycin stinoprate

	<i>delete the whole entry</i>
	famiraprinum famiraprine

insert
famiraprinii chloridum
famiraprinium chloride

6-amino-1-(3-carboxypropyl)-5-methyl-3-phenylpyridazinium chloride
C₁₅H₁₈ClN₃O₂ 108894-41-3

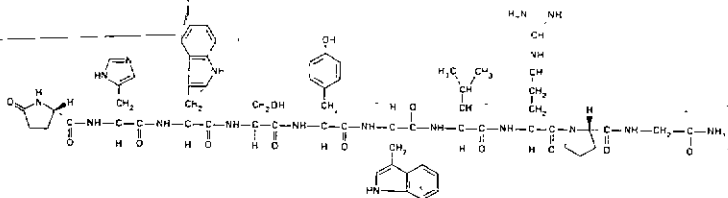


p. 13 pentiapinum
pentiapine

in the graphic formula complete the benzene ring with a double bond

p. 18 triptorelinum
triptorelin

replace the graphic formula by the following:



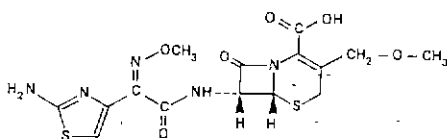
WHO Drug Information, Vol. 1, No. 2, 1987

Proposed International Nonproprietary Names (Prop. INN): List 57

p. 93 cefpodoximum
cefpodoxime

replace chemical name, CAS reg. no., molecular formula and graphic formula by:

(+)-(6*R*,7*R*)-7-[2-(2-amino-4-thiazolyl)glyoxylamido]-3-(methoxymethyl)-8-oxo-5-thia-1-azabicyclo[4.2.0]oct-2-ene-2-carboxylic acid, 7²-(*Z*)-(O-methyloxime)
C₁₅H₁₇N₅O₆S₂ 80210-62-4



p. 100 lacidipinum
lacidipine

replace CAS reg. no. by: 103890-78-4

p. 110 ademetoninum
ademetonine

at the beginning of the chemical name replace (+) by: (±)

p. 111 *Before the entries for tetronasinum and omoconazolum insert reference to:*

Supplement to Vol. 40, No. 5, 1986, Proposed International Names (Prop. INN): List 56

p. 111 omoconazolum
omoconazole

reinstate CAS reg. no. 74512-12-2 given in List 45 Prop. INN

Procedure and Guiding Principles

The text of the *Procedures for the Selection of Recommended International Nonproprietary Names for Pharmaceutical Substances* and *General Principles for Guidance in Devising International Nonproprietary Names for Pharmaceutical Substances* will from now on be reproduced in uneven numbers of proposed INN-lists only.