International Non-Proprietary Names for Pharmaceutical Preparations

In accordance with paragraph 7 of the Procedure for the Selection of Recommended International Non-Proprietary Names for Pharmaceutical Preparations, notice is hereby given that the following are selected as recommended international non-proprietary names.

The inclusion of a name in the lists of recommended international non-proprietary names does not imply any recommendation for the use of the substance in medicine or pharmacy.

RECOMMENDED INTERNATIONAL NON-PROPRIETARY NAMES (Rec. I.N.N.); LIST 82

Recommended International Non-Proprietary Name (Latin, English)

Chemical Name or Description and Molecular Formula

acetergaminum acetergamine

acidum acexamicum acexamic acid

acidum amfonelicum amfonelic acid

acidum cromoglicicum

cromoglicic acid acidum cyclobutoicum

cyclobutoic acid acidum fepentolicum

fepentolic acid alipamidum

alipamide alprenololum alprenolol

ambusidum ambuside

amiloridum amiloride

ampicillinum ampicillin

atolidum atolide azaperonum

azaperone

(+)-N-acetyl-9,10-dihydrolysergamine

C12H23N3O

6-acetamidohexanoic acid

CaH15NO3

7-benzyl-1-ethyl-1,4-dihydro-4-oxo-1,8-naphthyridine-3-carboxylic

acid

C10H15N2O3

5,5'-(2-hydroxytrimethylenedioxy)bis[4-oxo-4H-1-benzopyran-2-

carboxylic acid? C23H14O11

β-hydroxy-β-methylcyclohexanepropionic acid

C10H11O3

a-butyl-a-hydroxy-4,3-cresotic acid

C12H16O4

4-chloro-3-sulfamoylbenzoic acid 2,2-dimethylhydrazide

C₁H₁₂C₁N₃O₃S

1-(o-allylphenoxy)-3-(isopropylamino)-2-propanol

C15H23NO2 N'-affyl-4-chloro-6-[(3-hydroxy-2-butenylidene)amino]-m-

benzenedisulfonamide

C13H16C1N3O5S2

N-amidino-3,5-diamino-6-chloropyrazinecarboxamide

C₆H₆C] N₇O

(-)-6-(2-amino-2-phenylacetamido)-3,3-dimethyl-7-oxo-4-

thia-1-azabicyclo[3,2.0]heptane-2-carboxylic acid

C16H18N3O4S

2-amino-4'-(diethylamino)-o-benzotoluidide

C18H23N3O

4'-fluoro-4-[4-(2-pyridyl)-1-piperazinyl]butyrophenone

C10H22FN3O

¹ Off. Rec. Wid Hith Org., 1955, 60, 3 (Resolution EB15.R7).

² Other lists of recommended international non-proprietary names can be found in Chron. Wild Hith Org., 1955, 9, 185; WHO Chronicle, 1959, 13, 106, 463; 1962, 16, 101; 1965, 19, 165, 206, 249; 1966, 20, 421, 1967, 21, 538.

Chemical Name or Description and Molecular Formula

5-(dimethylamino)-9-methy[-2-propyl-1H-pyrazolo [1,2-a][1,2,4] azapropazonum

azapropazone benzotriazine-1,3(2H)-dione

CsaHaoNaOa

azaribinum 2-β-D-ribofuranosyl-as-triazine-3,5(2H,4H)-dione 2',3',5'-triacetate

azaribine Ci4HitNsOs

azatadinum 6,11-dihydra-11-(1-methyl-4-piperidylidene)-5H-benzo[5,6]cycloheptaazatadine

[1,2-b]pyridine

C20H22N2

azidocillinum 6-(2-azido-2-phenylacetamido)-3,3-dimethyl-7-oxo-4-thia-

azidocillin -1-azabicyclo[3,2,0]heptane-2-carboxylic acid

C16H17N5O4S

3.5-dibromo-N-(p-bromobenzyl)salicylamide bensalanum

C14H10B13NO2 bensalan

1-{2-[(o-chloro-a-phenylbenzyl)thio]ethyl}-4-(o-methylbenzyl)pipebentipiminum

bentipimine razine

C27H31C1N2S

benzathini benzylpenicillinum N,N'-dibenzylethylenediamine salt of benzylpenicillin benzathine benzylpenicillin C16H20N2 - 2C16H18N2O4S

benzoctaminum N-methyl-9,10-ethanoanthracene-9(10H)-methylamine

benzoctamine CsaHsaN

benzoxiquinum 8-quinolinol benzoate (ester)

benzoxiquine C16H11NO2

6-[2-(dimethylamino)ethyl]pyrido[2,3-b][1,5]benzothiazepin bepiastinum

bepiastine -5(6H)-one C14H17N3OS

bisoxatinum 2,2-bis(p-hydroxyphenyl)-2H-1,4-benzoxazin-3(4H)-one

bisoxatin CaoHISNA

bitoscanatum p-phenylene bis(isothiocyanate)

bitoscanate C₀H₄N₂S₂

brocresinum a-(aminooxy)-6-bromo-m-cresol

C₂H₈BrNO₂ brocresine

bromelaina a concentrate of proteolytic enzymes derived from Ananas comosus

bromelains

camylofinum N-(2-diethylaminoethyl)-2-phenylglycine isopentyl

camylofin ester

C10H32N2O2

ciclactatum 3,3,5-trimethylcyclohexyl lactate

C12H22O3 ciclactate

ciclofenazinum 10-[3-(4-cyclopropyl-1-piperazinyl)propyl]-2-(trifluoromethyl)pheno-

ciclofenazine thiazine

C23H26F3N3S

 $diethylmethyl\{2-[(a-methyl-a-5-norbornen-2-ylbenzyl)oxy]ethyl\}$ ciclonii bromidum

ciclonium bromide ammonium bromide

C22H34BrNO

cinnamedrinum α-[1-(cinnamylmethylamino)ethyl]benzyl alcohol

cinnamedrine C19H23NO

ciproximidum 1-(p-chlorophenyl)-1,2-cyclopropanedicarboximide

ciproximide C11H1CI NO2

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

cisclomifene CzeHzeCl NO

clioxanidum 4'-chioro-2-hydroxy-3,5-diiodobenzanilide acetate

clioxanide C15H10Cll2NO3

Chemical Name or Description and Molecular Formula

clobenzorexum clobenzorex

(+)-N-(o-chiorobenzyl)-a-methylphenethylamine

C++H++C1 N

clobutinolum clobutingl

p-chloro-a-[2-(dimethylamino)-1-methylethyl]-a-methylphenethyl

alcohol C14Hz2Cl NO

ciofluperolum clofluperol

4-[4-(p-chloro-m-trifluoromethylphenyl)-4-hydroxypiperidino]-4'-

fluorobutyrophenone

C22H22Cl F4NO2

clomacranum clomacran

2-chloro-9-[3-(dimethylamino)propyl]acridan

CIAHZI CI NZ

cionazolinum clonazoline

2-(4-chloro-1-naphthylmethyl)-2-imidazoline

CiaHiaCl Na

dactinomycinum dactinomycin

actinomycin D

decitropinum

3a-(5H-dibenzo[a,d]cyclohepten-5-yloxy)tropane

decitropine C13H25NO

decloxizinum decloxizine

2-{2-[4-(diphenylmethyl)-1-piperazinyl]ethoxy}ethanol

C21 H24 N2 O2

diacetamatum

4-acetamidophenyl acetate

C10H11NO1 diacetamate

diaveridinum diaveridine

2,4-diamino-5(3',4'-dimethoxybenzyl)pyrimidine

C13H14N4O2

diclometidum diclometide

3,5-dichloro-N-[2-(diethylamino)ethyl]-o-anisamide

C14H20Cl2N2O2

diflucortolonum

6a,9-difluoro-11β,21-dihydroxy-16a-methylpregna-1,4-diene-3,20-dione

C22H2#F2O4

diflucortolone dimabefyllinum

7-[p-(dimethylamino)benzyl]theophylline

C16H18N5O2

dimabefylline dimetacrinum

9,9-dimethyl-10-[3-(dimethylamino)propyl]acridan

C20H26N2

dimetacrine

diniprofyllinum diniprofylline

7-(2,3-dihydroxypropyl)theophylline bis(nicotinate ester) C22 H20 N6O6

doxepinum doxepin

N,N-dimethyldibenz[b,e]oxepin- Δ 11 $(6H),\gamma$ -propylamine

Cı₂H₂₁NO

doxycyclinum doxycycline

4-(dimethylamino)-1,4,4a,5,5a,6,11,12a-octahydro-3,5,10,12,

12a-pentahydroxy-6-methyl-1,11-dioxo-2-naphthacene-

carboxamide C22H24N2Os

dropropizinum dropropizine

3-(4-phenyl-1-piperazinyl)-1,2-propanediol

C13H20N2O2

emepronii bromidum emepronium bromide ethyldimethyl(1-methyl-3,3-diphenylpropyl)ammonium bromide

C20H2#B1N

etafenonum etafenone

2'-[2-(diethylamino)ethoxy]-3-phenylpropiophenone

C21 H27 NO2

etamocyclinum etamocycline

N,N-{ethylenebis[(methylimino)methylene]}bis[4-(dimethylamino)-1,4,4a,5,5a,6,11,12a-octahydro-3.6,10,12a-pentahydroxy-6-methyl-1,

11-dioxo-2-naphthacenecarboxamide]

CsoHsoNsO18

etilefrinum etilefrine

α-[(ethylamino)methyl]-m-hydroxybenzyl alcohol

C10H15NO2

Chemical Name or Description and Molecular Formula

etodroxizinum etodroxizine 2-{2-[2-[4-(ρ-chloro-α-phenylbenzyl)-1-piperazinyl]ethoxy]ethoxy} ethanol CaaHaaCl NaOs

etofuradinum etofuradine N-(benzofuran-2-y|methy|)-N-2-pyridy|-N',N'-dimethy|ethy|enedia-part

mine

C18H21N3O

etonamum etonam ethyl 1-(1,2,3,4-tetrahydro-1-naphthyl)imidazole-5-carboxylate

C16H18N2O2

fantridonum fantridone 5-[3-(dimethylamino)propyl]-6(5H)-phenanthridinone

C18H20N2O

fenclexonii metilsulfas fenclexonium metilsulfate 1-[3-(1-cyclohexenyl)-3-phenylpropyl]-1-methylpiperidinium methyl-sulfate

C22H35NO4S

fencioninum fencionine

3-(p-chlorophenyl)alanine

C₁H₁₀ClNO₂

fluprofenum fluprofen 2-(3'-fluoro-4-biphenylyl)propionic acid

C15H13FO2

formocortalum formocortal 3-(2-chloroethoxy)-9-fluoro-11 β ,16 α ,17,21-tetrahydroxy-20-oxo-3,5-pregnadiene-6-carboxaldehyde cyclic 16,17-acetal with acetone 21-

acetate C28H18C]FO8

fructosum ferricum ferric fructose fructose iron complex, compound with potassium (2:1)

(C₆H₁₀FeO₇)_nK_n/₂ (tentative)

fubrogonii iodidum fubrogonium iodide diethyl(3-hydroxybutyl)methylammonium iodide 5-bromo-2-furoate

C14H23BrINO3

furidaronum furidarone 2,5-dimethyl-3-furyl 4-hydroxy-3,5-diiodophenyl ketone

C13H1012O3

hepzidinum hepzidine 4-(10,11-dihydro-5*H*-dibenzo[a,*d*]cyclohepten-5-yloxy)-1-methylpiperidine

C₂₁H₂₅NO

hypromellosum hypromellose a mixed methyl and hydroxypropyl ether of cellulose (about 4 to 7 per cent. hydroxypropyl groups and 20 to 30 per cent. methoxyl groups)

imiclopazinum imiclopazine

1-{2-[4-[3-(2-chlorophenothiazin-10-yl)propyl]-1-piperazinyl]ethyl}-3-methyl-2-imidazolidinone

C25H32C1N5OS

isometamidii chloridum isometamidium chloride 8-[3-(m-amidinophenyl)-2-triazeno]-3-amino-5-ethyl-6-phenylphenanthridinjum chloride

C25H26Cl N7

leniquinsinum leniquinsin 6,7-dimethoxy-4-(veratrylideneamino)quinoline

C20H20N2O4

levometiomeprazinum levometiomeprazine (-)-10-[3-(dimethylamino)-2-methylpropyl]-2-(methylthio)

phenothiazine C₁,H₂,N₂S₂

mecarbinatum mecarbinate ethyl 5-hydroxy-1,2-dimethylindole-3-carboxylate

C13H15NO3

menoctonum menoctone 2-(8-cyclohexyloctyi)-3-hydroxy-1,4-naphthoquinone

C24H32O3

mequidoxum mequidox 3-methyl-2-quinoxalinemethanol 1,4-dioxide

C10H10N2O3

metergolinum metergoline (+)-N-(carboxy)-1-methyl-9,10-dihydrolysergamine

benzyl ester C25H24N1O2

Chemical Name or Description and Molecular Formula

minepentatum 2-[2-(dimethylamino)ethoxy]ethyl 1-phenylcyclopentanecarboxylate

minepentate C12 H27 NO3

mitoclominum N,N-bis(2-chloroethyl)-4-methoxy-3-methyl-1-naphthylamine

Cirtli Cl₂NO mitoclomine

mitomalcinum an antibiotic obtained from cultures of Streptomyces malayensis, or

mitomalcin the same substance obtained by any other means

molindonum 3-ethyl-6,7-dihydro-2-methyl-5-(morpholinomethyl)indol-4(5H)-one

molindone C14H24N2O2

9.9-dimethyl-10-[3-(methylamino)propyl]acridan monometacrinum

monometacrine C19H24N2

4-methyl-5,7-bis(2-morpholinoethoxy)coumarin moxicoumonum

C22H30N2O4 moxicoumone

nadidum 3-carbamoyl-1- β -D-ribofuranosylpyridinium hydroxyde, 5'-ester with

adenosine 5'-pyrophosphate, inner salt nadide

C21H27N7O14P2

naftidrofurylum 2-(diethylamino)ethyl tetrahydro-a-(1-naphthylmethyl)-2-furanpropio-

naftidroturyl nate ester C24H33NO3

7.7a,8,9-tetrahydro-3,7a-dihydroxy-12-(3-methyl-2-butenyl)-6H-8,9cnalmexonum nalmexone iminoethanophenanthro[4,5-bcd]furan-5(4aH)-one or 7,8-dihydro-14-

hydroxy-N-(3-methyl-2-butenyl)-normorphinone

C21H25NO4

natrii radio-iotalamas (1251) sodium 5-acetamido-ar, ar-diiodo-ar, iodo-125/-N-methylisophthalamate sodium radio-iotalamate (1251)

C11HalaN2NaO4

sodium 5-acetamido-ar, ar-diiodo-ar-iodo-131/-N-methylisophthalamate natrii radio-iotalamas (131)

C11HalaNaNaO4

sodium radio-iotalamate (1311) 2,2'-{[2-(5-nitro-2-furyl)-4-quinazolinyl]imino}diethanol nifurquinazolum

C18H16N4O5

nifurquinazol nitroxinilum 4-hydroxy-3-iodo-5-nitrobenzonitrile

C7H3IN2O3

2-{2-[2-[2-(p-nonylphenoxy)ethoxy]ethoxy]ethoxy}ethanol nonoxinolum 4

nonoxinolum 9 26-(p-nonylphenoxy)-3,6,9,12,15,18,21,24-octaoxahexacosan-1-ol

C33H60O10

44-(p-nonylphenoxy)-3,6,9,12,15,18,21,24,27,30,33,36,39,42-tetradecanonoxinglum 15

nonoxinol 15 oxatetratetracontan-1-ol

C45H44O14

89-(p-nonylphenoxy)-3,6,9,12,15,18,21,24,27,30,33,36,39,42,45,48,51,54,nonoxinolum 30

57,60,63,66,69,72,75,78,81,84,87-nonacosaoxanonaoctacontan-1-ol

norgestrienonum 17-hvdroxy-19-nor-17a-pregna-4,9,11-trien-20-yn-3-one

norgestrienone C20H22O2

2-hydroxy-4-(octyloxy)benzophenone octabenzonum

octabenzone C21H26O3

nitroxinil

nonoxinol 4

nonexinel 9

nonoxinol 30

6,7-dimethoxy-1-(3,4,5-triethoxyphenyl)isoquinoline octaverinum

C23H27NO5 octaverine

octodrinum 1,5-dimethylhexylamine

C₁H₁N octodrine

an antibiotic obtained from cultures of Actinomyces olivoreticuli, or olivomycinum

olivomycin the same substance obtained by any other means

oxipurinolum 1H-pyrazolo[3,4-d]pyrimidine-4,6-diol

exipurinel CaHaNaO

Chemical Name or Description and Molecular Formula

oxitefonii bromidum oxitefonium bromide diethyl(2-hydroxyethyl)methylammonium bromide a-phenyl-2-thiopheneglycolate

C10H26BrNO3S

oxogestonum oxogestone

208-hydroxy-19-norpregn-4-en-3-one

C20H30O2

(3a,17β-dihydroxy-5α-androstan-2β,16β-ylene)bis[1-methylpiperipancuronii bromidum pancuronium bromide

dinium] dibromide diacetate

C35H46B72N2O4

parbendazolum parbendazole

methyl 5-butyl-2-benzimidazolecarbamate

C13H17N3O2

penoctonii bromidum penoctonium bromide diethyl(2-hydroxyethyl)octyl ammonium bromide dicyclopentylacetate C26H50BrNO2

pentagastrinum pentagastrin

N-t-butyloxycarbonyl-β-alanyl-L-tryptophyl-L-tryptophyl-L-methio-

nyl-L-aspartyl-L-phenylalanine amide C17H49N7O9S

perimetazinum perimetazine

1-[3-(2-methoxyphenothlazin-10-yl)-2-methylpropyl]-4-piperidinol C22H24N2O2S

picodralazinum picodralazine

1-hydrazino-4-(4-pyridylmethyl)phthalazine

C14H13N5

pimozidum pimozide pinoxepinum 1-{1-[4,4-bis(p-fluorophenyl)butyl]-4-piperidyl}-2-benzimidazolinone

C28H29F2N3O

cis-4-[3-(2-chlorodibenz[b,e]oxepin-11(6H)-ylidene)propyl]-1-piperazineethanol pinoxepin

C23H27CI N2O2

piprozolinum piprozilin

ethyl 3-ethyl-4-oxo-5-piperidino-∆²,a-thiazolidineacetate C14H22N2O3S

piridoxilatum piridoxilate

[(5-hydroxy-4-hydroxymethyl-6-methyl-3-pyridyl)methoxy]-glycolic acid

C10H13NO4

C35H72BrN3

pirralkonii bromidum pirralkonium bromide bis[3-(2,5-dimethyl-1-pyrrolidinyl)propyl]hexadecylmethylammonium bromide

polisaponinum polisaponin propizepinum

a mixture of all the steroid saponins isolated from the rhizome of Dioscorea polystachya

propizepine

6,11-dihydro-6-[2-(dimethylamino)-2-methylethyl]-5H-pyrido[2,3-b] [1,5]benzodiazepin-5-one

C17H20N4O

quatacainum quatacaine

2-methyl-2-(propylamino)-o-propionotoluidide

C14H22N2O

radiocesii chloridum (131Cs) radiocesium chloride (131 Cs) cesium chloride 131CsCl

retinolum retinol

3,7-dimethyl-9-(2,6,6-trimethyl-1-cyclohexen-1-yl)-2,4,6,8-nonatetraen-1-ol

C20H30O

2-diethylammonium ethanol ribonucleate ribaminolum ribaminol

rifampicinum rifampicin

3-{[(4-methyl-1-piperazinyl)imino]methyl}rifamycın SV C43H54N4O12

salazosulfadimidinum salazosulfadimidine

5-{p-[(4,6-dimethyl-2-pyrimidinyl)sulfamoyl]phenylazo} salicylic acid

C19H17N5O5S

Chemical Name or Description and Molecular Formula

silandronum silandrone 17β-(trimethylsiloxy)androst-4-en-3-one C₂₂H₁₆O₂Si

sotalolum

4'-[1-hydroxy-2-(isopropylamino)ethyl]methanesulfonanilide

C12H20N2O3S

stanozololum stanozolol 17β -hydroxy- 17α -methylandrostano[3,2-c]pyrazole

C21 H32 N2O

sulbentinum sulbentine 3,5-dibenzyltetrahydro-2H-1,3,5-thiadiazine-2-thione

C17H18N2S2

sulfapyrazolum sulfapyrazole N'-(3-methyl-1-phenylpyrazol-5-yl)sulfanilamide

CicHicNaO2S

sulforidazinum sulforidazine 10-[2-(1-methyl-2-piperidyl)ethyi]-2-methylsulfonylphenothiazine

C21H26N2O2S2

sulpiridum sulpiride $\emph{N-}[(1-ethyl-2-pyrrolidinyl)]$ methyl]-2-methoxy-5-sulfamoylbenzamide

C15H23N3O4S

sultroponium sultroponium 8-(3-sulfopropyl)atropinium inner salt

C20H20NO6S

proteolytic enzymes derived from Bacillus subtilis

sutilaina sutilains

process, me ------

talastinum talastine 2-[2-(dimethylamino)ethyl]-4-benzyl-1(2H)phthalazinone

C10H21N3O

tetradonii bromidum

trimethyltetradecylammonium bromide

C17H34BrN

tetradonium bromide tibrofanum

4,4',5-tribromo-2-thiophenecarboxanilide

C11HeBraNOS

tibrofan tiosalanum

3,4',5-tribromo-2-mercaptobenzanilide

CtaHeBraNOS

tiosalan tixadilum

N-(a-methylphenethyl)thioxanthene-9-ethylamine

CalHasNS

tixadil transclomifenum

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

C28H28C1NO

transclomifene

tropine 3-(p-hydroxyphenyl-2-phenylpropionate (ester) acetate

tropodifenum tropodifene

(ester) CzsHzsNO4

vanitiolidum vanitiolide 4-(thiovanilloy!)morpholine

C12H15NO3S

verapamilum verapamil 5-[(3,4-dimethoxyphenethyl)methylamino]-2-(3,4-dimethoxy

phenyl)-2-isopropylvaleronitrile

C27H38N2O4

virginiamycinum

an antibiotic substance obtained from cultures of Streptomyces virginiae, or the same substance produced by any other means

virginiamycin volazocinum volazocine

cis-3-(cyclopropylmethyl)-1,2,3,4,5,6-hexahydro-6,11-dimethyl-2,6-

methano-3-benzazocine

C18H25N

zolaminum zolamine $2 - \{[2 - (dimethylamino)ethyl](p-methoxybenzyl)amino\}thiazole \\$

C15H21N3OS

CORRIGENDA

Vol. 19, No. 5

RECOMMENDED INTERNATIONAL NON-PROPRIETARY NAMES (Rec. I.N.N.): LIST 5

p. 211: delete meractinomycinum actinomycine D meractinomycin

Vol. 20, No. 11

RECOMMENDED INTERNATIONAL NON-PROPRIETARY NAMES (Rec. I.N.N.): LIST 6

p. 422: delete allopurinolum 1H-pyrazolo[3d,4-d]pyrimidin-4-ol $C_sH_4N_4O$

Vol. 21, No. 12

RECOMMENDED INTERNATIONAL NON-PROPRIETARY NAMES (Rec. I.N.N.): LIST 7

p. 544: delete hamycinum an antibiotic obtained from cultures of Streptomyces pimprina, or the same substance produced by any other means