



WORLD HEALTH ORGANIZATION
ORGANIZATION MONDIALE DE LA SANTE

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International Nonproprietary Names (INN)
for pharmaceutical substances:
Names for radicals and groups
comprehensive list

Programme on International Nonproprietary Names (INN)
Division of Drug Management & Policies
World Health Organization
Geneva

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Acknowledgements

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INNs: Names for radicals and groups

Comprehensive list

Some substances for which a proposed international nonproprietary 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 nonproprietary names.

The following list contains radicals and groups which have been published either in the section "Names for radicals and groups" in lists 1-77 of proposed INNs or as part of a two-word INN in lists 1-77 of proposed and 1-37 of recommended INNs, respectively. Whenever a name appeared in both lists, reference is made to its publication only in the category "radicals and groups". Only one reference is given for groups and radicals published as part of a two-word name.

Other groups and elements which have been published in two-word INNs and which may now be considered as being part of the INN approach are listed in the ANNEX to this document.

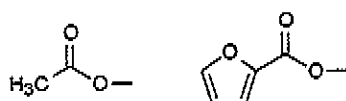
In addition, references to British Approved Name (BAN), Japanese Approved Name (JAN) and United States Approved Name (USAN) have been included for the radicals, groups and adducts published or accepted for use by these national nomenclature committees.

Latin name	<i>prop./rec. list</i>
English name	<i>chemical name</i>
Dénomination en français	<i>molecular formula</i>
Denominación en español	<i>graphic formula</i>
() published as INN	

acefuras

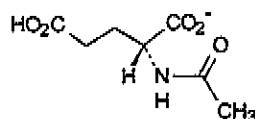
(dexamethasoni acefuras (57) (27))

acefurate	acetate (ester), 2-furoate (ester)
acéfurate	acétate (ester), furane-2-carboxylate (ester)
acefurato	acetato (éster), 2-furoato (éster)

**aceglumas**

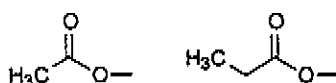
(deanoli aceglumas (15) (*))

aceglumate	hydrogen <i>N</i> -acetylglutamate
acéglumate	(<i>RS</i>)-5-hydrogéno-2-(acétylamino)pentanedioate
aceglumato	hidrogeno <i>N</i> -acetilglutamato

and enantiomer
et énantiomère
y enantiómero**aceponas**

(methylprednisoloni aceponas (52) (25))

aceponate	acetate (ester), propionate (ester)
acéponate	acétate (ester), propanoate (ester)
aceponato	acetato (éster), propionato (éster)

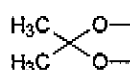


acetonidum

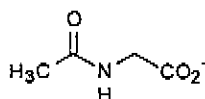
(fluocinoloni acetonidum (11) (05))

acetonide (isopropylidenedioxy)
 acétonide [(1-méthyléthane-1,1-diyl)bis(oxy)]
 acetonido (isopropilidenodioxo)

BAN

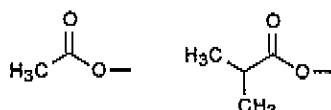
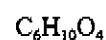
**aceturas** 22

aceturate *N*-acetylglucinate
 acéurate 2-(acétylamino)acétate
 aceturato *N*-acetilglicinato

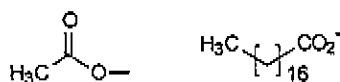
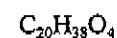
BAN
JAN
USAN**acibutas**

(betamethasoni acibutas (26) (12))

acibutate acetate (ester), isobutyrate (ester)
 acibutate acéate (ester), 2-méthylpropanoate (ester)
 acibutato acetato (éster), isobutirato (éster)

**acistras** 64

acistrate acetate (ester), stearate (salt)
 acistrate acéate (ester), octodécanoate (sel)
 acistrato acetato (éster), stearato (sal)

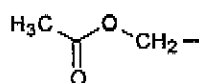
JAN
USAN

acoxilum 67

acoxil acetoxymethyl
 acoxil (acétyloxy)méthyle
 acoxilo acetoximetilo

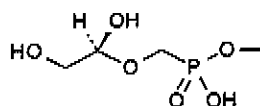


JAN



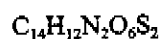
alfosceras
 (cholini alfosceras (60) (29))

alfoscerate (*R*)-2,3-dihydroxypropyl hydrogen phosphate
 alfoscérate hydrogénophosphate de (*R*)-2,3-dihydroxypropyle
 alfoscerato (*R*)-2,3-dihidroxiampil hidrogen fosfato

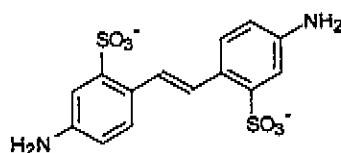


amsonas 18

amsonate 4,4'-diaminostilbene-2,2'-disulfonate
 amsonate 5,5'-diamino-2,2'-éthène-1,2-diyl dibenzènesulfonate
 amsonate 4,4'-diaminostilbeno-2,2'-disulfonato

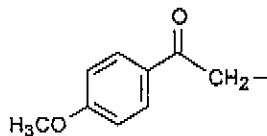


BAN
 JAN



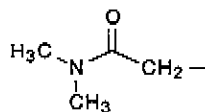
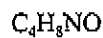
anisatilum 76

anisatil	2-(4-methoxyphenyl)-2-oxoethyl
anisatil	2-(4-méthoxyphényl)-2-oxoéthyle
anisatilo	2-(4-metoxifenil)-2-oxoetilo

**arbamelum**

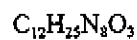
(tilnoprofenum arbamelum (74) (36))

arbamel	ester with <i>N,N</i> -dimethylglycolamide
arbamel	2-(diméthylamino)-2-oxoéthyle
arbamel	éster con <i>N,N</i> -dimetilglicolamida

**arginum**

(insulinum arginum (58) (28))

argine	30 ^β α-L-arginine-30 ^β β-L-arginine
argine	30 ^β α-L-arginine-30 ^β β-L-arginine
argino	30 ^β α-L-arginina-30 ^β β-L-arginina



aritoxum

(dorlimomabum aritoxum (66) (32))

aritox ricin A chain-MAB immunotoxine
 aritox Immunotoxine obtenue par couplage du MAB avec la chaîne A de la
 ricine
 aritox ricina A cadena anticuerpo immunotoxina

aspartum

(insulinum aspartum (76))

aspart 28^B-L-aspartic acid-
 asparte 28^B-acide L-aspartique
 asparta 28^B-L-ácido aspártico-



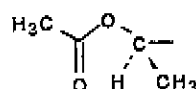
-Asp-

axetilum 48

axetil (RS)-1-acetoxymethyl
 axétil (RS)-1-(acétyloxy)méthyle
 axetilo (RS)-1-acetoximetilo



BAN
 JAN
 USAN

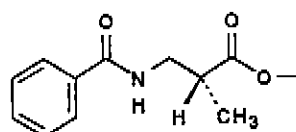


and enantiomer
 et énantiomère
 y enantiómero

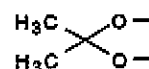
benetonidum

(triamcinoloni benetonidum (36) (17))

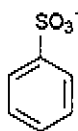
benetonide N-benzoyl-2-methyl-β-alaninate (ester), acetonide
 bénétonide 3-(benzoylamino)-2-méthylpropanoate (ester), acétonide
 benetonide N-benzoil-2-metil-β-alaninato (éster), acetónido



and enantiomer
 et énantiomère
 y enantiómero



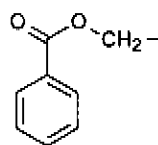
besilas 22

besilate
bésilate
besilatobenzenesulfonate
benzènesulfonate
bencenosulfonato $C_6H_5O_3S$ BAN: besylate
JAN
USAN: besylate

bezomilum 62

bezomil
bézomil
bezomilo(benzoyloxy)methyl
(benzoyloxy)méthyle
(benzoiloxi)metilo $C_8H_7O_2$

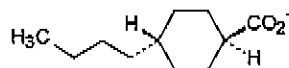
JAN



buciclas 66

buciclate
buciclate
bucielato*trans*-4-butylcyclohexanecarboxylate
trans-4-butylcyclohexanecarboxylate
trans-4-butilciclohexanecarboxilato $C_{11}H_{19}O_2$

JAN

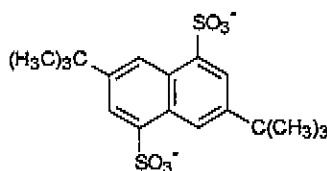


bunapsilas 24

bunapsilate 3,7-di-*tert*-butyl-1,5-naphtalenedisulfonate
 bunapsilate 3,7-bis(1,1-diméthyléthyl)naphtalène-1,5-disulfonate
 bunapsilate 3,7-di-*terc*-butil-1,5-naphtalenodisulfonato

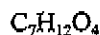


JAN



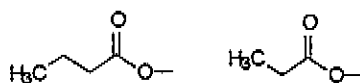
butepras 61

buteprate butyrate (ester), propionate (ester)
 butéprate butanoate (ester), propanoate(ester)
 burirato (éster), propionato (éster)



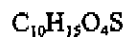
JAN

USAN



camsilas 18

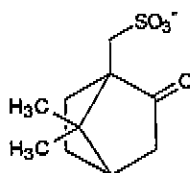
camsilate camphorsulfonate
 camsilate (7,7-diméthyl-2-oxobicyclo[2,2,1]hept-1-yl)méthanesulfonate
 camsilato camforsulfonato



BAN: camyslate

JAN

USAN: camsylate

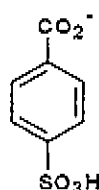


carbesilas 33

carbesilate p-sulfobenzoate
 carbésilate 4-sulfobenzoate
 carbesilato p-sulfobenzoato

 $C_7H_5O_3S$

JAN



ciclotas 28

ciclotate 4-methylbicyclo[2,2,2]oct-2-ene-1-carboxylate
 ciclotate 4-méthylbicyclo[2,2,2]oct-2-ène-1-carboxylate
 ciclotato 4-metilbiciclo[2,2,2]oct-2-eno-1-carbocilato

 $C_{10}H_{13}O_2$

JAN

USAN:cyclotate

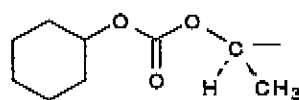


cilexetilum 73

cilexetil (RS)-1-[[[(cyclohexyloxy)carbonyl]oxy]ethyl
 cilexétíl (RS)-1-[[[(cyclohexyloxy)carbonyl]oxy]éthyle
 cilexetilo (RS)-1-[[[(ciclohexiloxi)carbonil]oxi]ethilo

 $C_9H_{15}O_3$

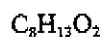
BAN



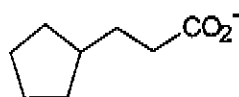
and enantiomer
 et énantiomère
 y enantiómero

cipionas 18

cipionate cyclopentanepropionate
 cipionate 3-cyclopentylpropanoate
 cipionato ciclopentanopropionato



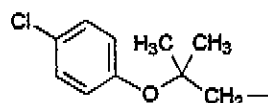
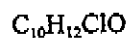
BAN: cypionate
 JAN
 USAN: cypionate



clofibrolum

(acefyllinum clofibrolum (44) (22))

clofibrol 2-(4-chlorophenoxy)-2-methylpropyl
 clofibrol 2-(4-chlorophénoxy)-2-méthylpropyle
 clofibrolo 2-(4-chlorofenoxi)-2-metilpropilo

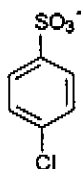


closilas 18

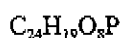
closilate p-chlorobenzenesulfonate
 closilate 4-chlorobenzènesulfonate
 closilato 4-clorobencenosulfonato



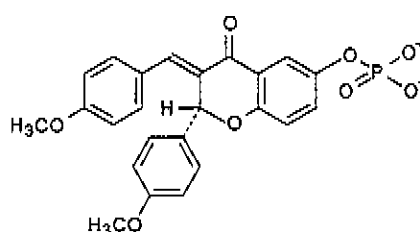
BAN: closylate
 JAN
 USAN: closylate



crobefas	61	
crobefate		(±)-(E)-6-hydroxy-4'-methoxy-3-(p-methoxybenzylidene)flavanone,
crobéfate		phosphate, ion 2 ⁻
crobefato		phosphate de (E)-(RS)-3-(4-méthoxybenzylidène)-2-(4-méthoxyphényl)-4-oxo-3,4-dihydro-2H-chromén-6-yle, ion 2 ⁻
		fosfato de (±)-(E)-6-hidroxi-4'-metoxi-3-(p-metoxibenzilideno)flavanono, ion 2 ⁻



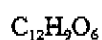
JAN



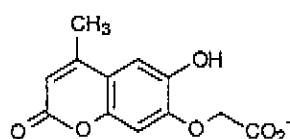
and enantiomer
et énantiomère
y enantiómero

cromacas	22
cromacate	
cromacate	
cromacato	

[(6-hydroxy-4-methyl-2-oxo-2H-1-benzopyran-7yl)oxy]acetate
2-[(6-hydroxy-4-méthyl-2-oxo-2H-chromén-7-yl)oxy]acétate
[(6-hidroxi-4-metilo-2-oxo-2H-1-benzopirano-7-ilo)oxi]acetato

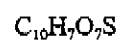
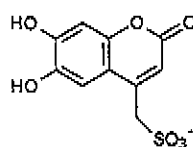


JAN



cromesilas	22
cromesilate	
cromésilate	
cromesilato	

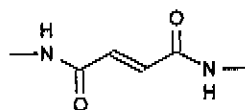
6,7-dihydroxycoumarin-4-methanesulfonate
(6,7-dihydroxy-2-oxo-2H-chromén-4-yl)méthanesulfonate
6,7-dihidroxicoumarino-4-metanosulfonato

JAN
BAN

crosumarilum

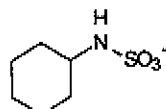
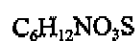
(hemoglobinum crosumarilum (76) (*))

crosumaril symmetric diamide with fumaric acid
 crosumaril diamide symétrique avec l'acide fumarique
 crosumarilo simétrica diamida con el ácido fumárico

**cyclamas**

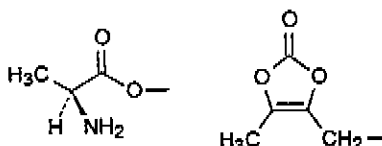
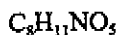
(aminophenazoni cyclamas (16) (*))

cyclamate cyclohexylsulfamate
 cyclamate cyclohexylsulfamate
 ciclamato ciclohexilosulfamato

**daloxatum**

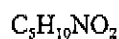
(cefcanelum dolaxatum (59) (29))

daloxate L-alaninate (ester), 2,3-dihydroxy-2-butenyl cyclic 2,3-carbonate
 daloxate (S)-2-aminopropanoate (ester), (5-méthyl-2-oxo-1,3-dioxol-4-yl)
 méthyle
 daloxato L-alaninato (éster), 2,3-dihidroxi-2-butenil cíclico 2,3-carbonato

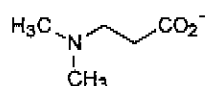


dapropas 74

dapropate *N,N*-dimethyl- β -alanine
 dapropate 3-(diméthylamino)propanoate
 dapropato *N,N*-dimetilo- β -alanina



USAN

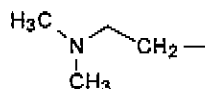


deanil 40

deanil 2-(dimethylamino)ethyl
 déanil 2-(diméthylamino)éthyle
 déanilo 2-(dimetilamino)etilo



JAN



decil 40

decil decyl
 décil décyle
 decilo decilo



JAN

**defalanum**

(## insulinum defalanum (37) (*))

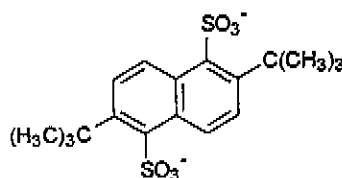
defalan 1^B-de(L-phenylalanine)
 défalan 1^B-dés(L-phénylalanine)
 defalan 1^B-de(L-fenilalanina)

dibudinas 25

dibudinate 2,6-di-*tert*-butyl-1,5-naphtalenedisulfonate
 dibudinate 2,6-bis(1,1-diméthyléthyl)naphtalène-1,5-disulfonate
 dibudinato 2,6-di-*terc*-butil-1,5-naftalenodisulfonato

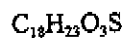


JAN

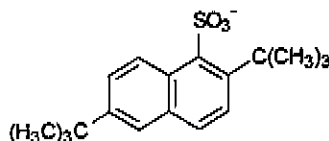


dibunas 48

dibunate 2,6-di-*tert*-butyl-1-naphtalene-1-sulfonate
 dibunate 2,6-bis(1,1-diméthyléthyl)naphtalène-1-sulfonate
 dibunato 2,6-di-*terc*-butil-1-naftalenosulfonato



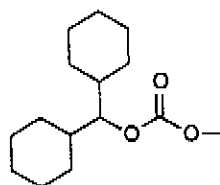
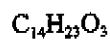
JAN



dicibas

(locicortoloni dicibas (60) (29))

dicibate dicyclohexylmethyl carbonate
 dicibate carbonate de dicyclohexylméthyle
 dicibato diciohecilmetilo carbonato

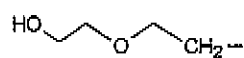


digolilum 59

digolil 2-(2-hydroxyethoxy)ethyl
 digolil 2-(2-hydroxyéthoxy)éthyle
 digolilo 2-(2-hidroxiétoxi)etílo

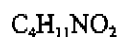
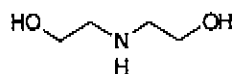


JAN



diolaminaum 22

diolamine diethanolamine
 diolamine 2,2'-iminodiéthanol
 diolamina dietanolamina

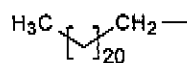
JAN
USAN

docosilum 63

docosil docosyl
 docosil docosyle
 docosilo docosilo

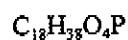


JAN

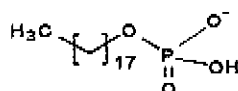


dofosfatum 65

dofosfate octadecyl hydrogen phosphate
 dofosfate hydrogénophosphate d'octadécyle
 dofostato hidrogenofosfato de octadecilo



JAN



edaminum 70

edamine ethylene diamine
 édamine éthane-1,2-diylidiamine
 edamina etilen diamina



USAN



edisilas 18

edisilate 1,2-ethanedisulfonate
 édisilate éthane-1,2-disulfonate
 edisilato 1,2-etandisulfonato

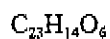


BAN: edisylate
 JAN
 USAN: edisylate

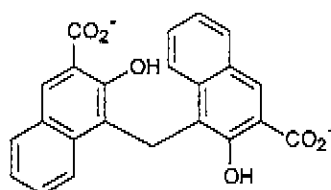


embonas 18

embonate 4,4'-methylenebis(3-hydroxynaphtoate)
 embonate 4,4'-méthylènebis(3-hydroxynaphtalène-2-carboxylate)
 embonato 4,4'-metilenbis(3-hidrocinnaftoato)

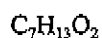


BAN
 JAN
 USAN:pamoate



enantas 18

enantate heptanoate
 énantate heptanoate
 enantato eptanoato



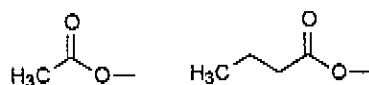
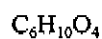
BAN: enanthate
 JAN
 USAN: enanthate



enbutas

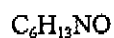
(icometasoni enbutas (70) (34))

enbutate acetate (ester), butyrate (ester)
 enbutate acétate (ester), butanoate (ester)
 enbutato acetate (éster), butirato (ester)

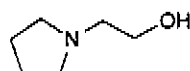


epolaminum 69

epolamine 1-pyrrolidineethanol
 épolamine 2-(pyrrolidin-1-yl)éthanol
 epolamina 1-pirolidinaetanolo



USAN

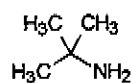


erbuminum 62

erbumine *tert*-butylamine
 erbumine 1,1-diméthyléthylamine
 erbumina *terc*-butilamina



BAN
 JAN
 USAN



esilas 18

esilate ethanesulfonate
 ésilate éthanesulfonate
 esilato etanosulfonato

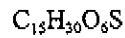


BAN: esylate
 JAN
 USAN: esylate

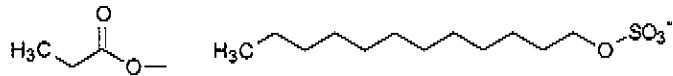


estolas 28

estolate propionate (ester), laurylsulfate (salt)
 estolate propanoate (ester), sulfate de dodécyle (sel)
 estolato propionato (éster), laurilsulfato (sal)



JAN
 USAN

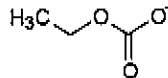


etabonas 64

etabonate ethyl carbonate
 étabonate carbonate d'éthyle
 etabonato etilo carbonato

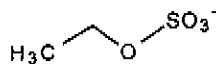
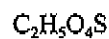


JAN
 USAN



etilsulfas 51 24

etilsulfate ethyl sulfate
 étilsulfate sulfate d'éthyle
 etilsulfato etilo sulfato

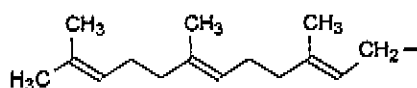


farnesilum 61

farnesil (2*E*,6*E*)-3,7,11-trimethyl-2,6,10-dodecatrienyl
 farnésil (2*E*,6*E*)-3,7,11-triméthylodéca-2,6,10-triényle
 farnesilo (2*E*,6*E*)-3,7,11-trimethilo-2,6,10-dodecatrienilo

C₁₅H₂₅

JAN

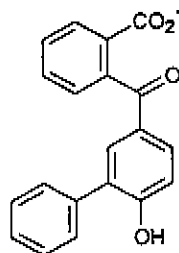


fendizoas 64

fendizoate 2-[(6-hydroxybiphenyl-3-yl)carbonyl]benzoate
 fendizoate 2-[(6-hydroxybiphényl-3-yl)carbonyl]benzoate
 fendizoato 2-[(6-hidroxibifenil-3-il)carbonil]benzoato

C₂₀H₁₃O₄

JAN

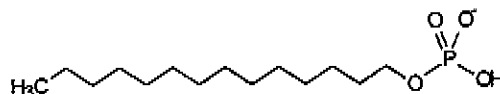


fostedatum 70

fostedate tetradecyl hydrogen phosphate
 fostédate hydrogénophosphate de tétradécyle
 fostedato hidrogenofosfato de tetradecilo

C₁₄H₃₀O₄P

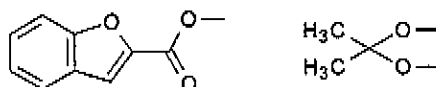
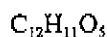
USAN



furetonidum

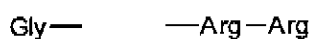
(triamcinoloni furetonidum (36) (17))

furetonide benzofurane-2-carboxylate (ester), acetonide
 furétonide benzofurane-2-carboxylate (ester), acétonide
 furetonido benzofuran-2-carboxilato (éster), acetónido

**glarginum**

(insulinum glarginum (76) (*))

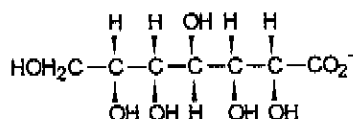
glargine 21^A-glycine-30^B α -L-arginine-30^B β -L-arginine
 glargine [21^A-glycine]30^B α -L-arginine-30^B β -L-arginine
 glargina 21^A-glycina-30^B α -L-arginina-30^B β -L-arginina

**gluceptas** 18

gluceptate *D*-glycero-*D*-gulo-heptonate
 gluceptate *D*-glycéro-*D*-gulo-heptonate
 gluceptato *D*-glicero-*D*-gulo-eptonato



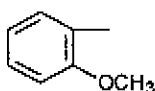
BAN
 JAN
 USAN



guacilum

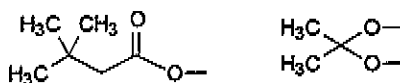
(amtolmetinum guacilum (65) (32))

guacil 2-methoxyphenyl
 guacil 2-méthoxyphényl
 guacilo 2-metoxifenilo

 C_7H_8O **hexacetonidum**

(triamcinoloni hexacetonidum (15)(06))

hexacetonide 3,3-dimethylbutyrate (ester), acetoneide
 hexacétonide 3,3-diméthylbutanoate (ester), acétonide
 hexacetonido 3,3-dimetilburirato (éster), acetenido

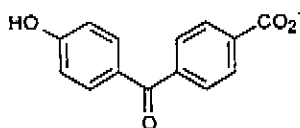
 $C_9H_{17}O_4$ **hibenzas** 18

hibenzate p-(4-hydroxybenzoyl)benzoate
 hibenzate 4-(4-hydroxybenzoyl)benzoate
 hibenzato 4-(4-hidroxibenzoil)benzoato

 $C_{14}H_9O_4$

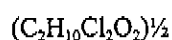
JAN

USAN:hybenzate

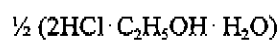


hyclas 62

hyclate monohydrochloride hemiethanolate hemihydrate
 hyclate combinaison d'un monochlorhydrate avec ½ mole d'éthanol et
 ½ mole d'eau
 hiclato monochlorhidrato hemietanol hemihidrato

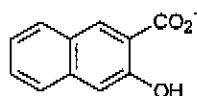
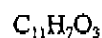


JAN
 USAN

**hydroxynaphtoas**

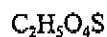
(bephinii hydroxynaphtoas (11) (05))

hydroxynaphtoate 3-hydroxy-2-naphtoate
 hydroxynaphtoate 3-hydroxynaphtalène-2-carboxylate
 hidroxinaftoato 3-hidroxi-2-naftoato



isetionas 18

isetionate 2-hydroxyethanesulfonate
 isétionate 2-hydroxyéthanesulfonate
 isetionato 2-hidroxiethanesulfonato



BAN:isethionate

JAN

USAN:isethionate



lauril 41

lauril *n*-dodecyl
 lauril dodécyle
 laurilo *n*-dodecilo

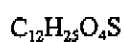


JAN



laurilsulfas 24

laurilsulfate *n*-dodecylsulfate
 laurilsulfate sulfate de dodécyle
 laurilsulfato *n*-dodecilsulfato



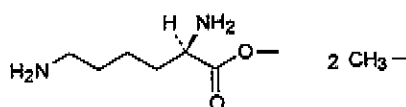
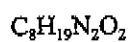
JAN



lisetilum

(cromoglicas lisetilum (72) (35))

lisetil L-lysinate (ester), dimethylether
 lisétil L-lysinate (ester), diéther méthylique
 lisetilo L-lisinato (ester), dimetiletero



lisprum

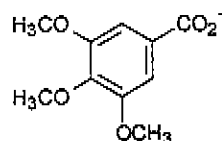
(insulinum lisprum (72) (35))

lispro	28 ^B -L-lysine-29 ^B -L-proline
lispro	[28 ^B -L-lysine-29 ^B -L-proline]
lispro	28 ^B -L-lisina, 29 ^B -L-prolina

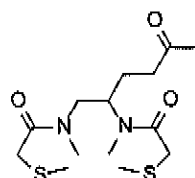
— Lys - Pro

megallas 33

megallate	3,4,5-trimethoxybenzoate
mégallate	3,4,5-triméthoxybenzoate
megallato	3,4,5-trimetoxibenzoato

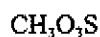
C₁₀H₁₁O₅BAN
JAN**merpentanum**(technetium (^{99m}Tc) nofetumomabum merpentanum (76))

merpentan	[N,N'-[(2-formylethyl)ethylene]bis[2-mercaptoacetamido]](4-)
merpentan	[N,N'-[1-(3-oxopropyl)éthane-1,2-diyl]bis[2-sulfanylacétamido]](4-)
merpentan	[N,N'-[1-(3-oxopropil)etano-1,2-diil]bis[2-sulfanilacetamido]](4-)

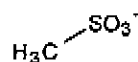
C₉H₁₁N₂O₅S₂

mesilas 18

mesilate methanesulfonate
 mésilate méthanesulfonate
 mesilato metanosulfonato



BAN: mesylate
 JAN
 USAN: mesylate

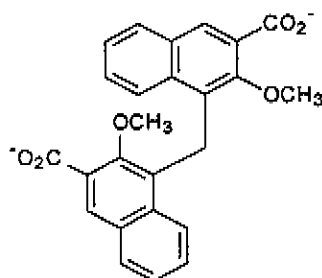


metembonas 26

metembonate 4,4'-methylenbis(3-methoxy-2-naphtoate)
 métembonate 4,4'-méthylènebis(3-méthoxynaphtalène-2-carboxylate)
 metembonato 4,4'-metilenbis(3-metoxi-2-naftoato)



JAN



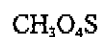
methonitras
 (atropini methonitras (04) (03))

methonitrate *N*-methyl, nitrate (salt)
 méthonitrate *N*-méthyl, nitrate (sel)
 metonitrato *N*-metil, nitrato (sal)

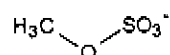


metilsulfas 18

metilsulfate methylsulfate
métilsulfate sulfate de méthyle
metilsulfato metilsulfato



JAN



metiodidum

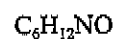
(buzepidi metiodidum (14) (05))

metiodide *N*-methyl, iodide (salt)
métiodure *N*-méthyl, iodure (sel)
metioduro *N*-metilo, ioduro (sal)



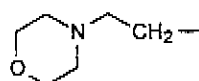
mofetilum 65

mofetil 2-morpholinoethyl
mofétil 2-(morpholin-4-yl)éthyle
mofetilo 2-morfolinoetilo



JAN

USAN



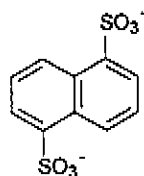
napadisilas 18

napadisilate 1,5-naphtalenedisulfonate
napadisilate naphtalène-1,5-disulfonate
napadisilato 1,5-naftalenodisulfonato



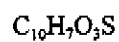
BAN: napadisylate

JAN

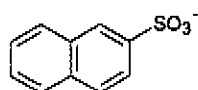


napsilas 18

napsilate 2-naphtalenesulfonate
 napsilate naphtalène-2-sulfonate
 napsilato 2-naftalenosulfonato



BAN:napsylate
 JAN
 USAN:napsylate



octilum 65

octil octyl
 octil octyle
 octilo octilo



JAN



olaminum 22

olamine ethanolamine
 olamine 2-aminoéthanol
 olamina etanolamina



JAN
 USAN

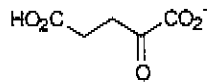


oxogluras 22

oxoglurate 4-carboxy-2-oxobutanoate
 oxoglurate 4-carboxy-2-oxobutanoate
 oxoglurato 4-carboxi-2-oxobutanoato



JAN



pegolum

(enlimomab pegol (77))

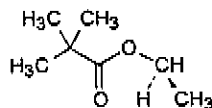
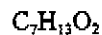
pegol α -(2-carboxyethyl)- ω -methoxypoly(oxy-1,2-ethanediyl)
 pégol *N, N', N'', N''', N''''*-pentakis[α -méthylpoly(oxyéthylène)- ω -
 (oxypropanoyl)
 pegol α -(2-carboxietil)- ω -metoxipoli(oxi-1,2-etanodiil)

USAN

pamoate -> see embonate

pentexilum 65

pentexil 1-hydroxyethyl pivalate (ester)
 pentexil (*RS*)-1-[(2,2-diméthylpropanoyl)oxy]éthyle
 pentexilo 1-hidroxietyl pivalato (éster)



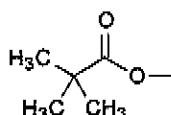
and enantiomer
 et énantiomère
 y enantiómero

pivalas 18

pivalate trimethylacetate (ester)
 pivalate 2,2-diméthylpropanoate (ester)
 pivalato trimetilacetato (éstero)

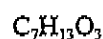


BAN
 JAN
 USAN

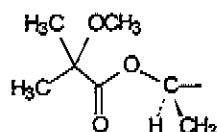


pivoxetilum 54

pivoxetil 1-(2-methoxy-2-methyl-1-oxopropoxy)ethyl
 pivoxétíl (RS)-1-[(2-méthoxy-2-méthylpropanoyl)oxy]éthyl
 pivoxetilo 1-(2-metoxi-2-metil-1-oxopropoxi)etilo



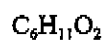
BAN
 JAN
 USAN



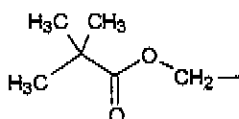
and enantiomer
 et énantiomère
 y enantiómero

pivoxil 44

pivoxil (pivaloyloxy)methyl
 pivoxil [(2,2-diméthylpropanoyl)oxy]méthyl
 pivoxilo (pivaloiloxi)metilo



JAN
 USAN

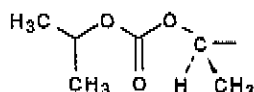


proxetilum 58

proxetil 1-[(isopropoxycarbonyl)oxy]ethyl
 proxétil (RS)-1-[[[1-méthyléthoxy)carbonyl]oxy]éthyle
 proxetilo 1-[(isopropoxycarbonil)oxi]etilo



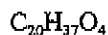
BAN
 JAN
 USAN



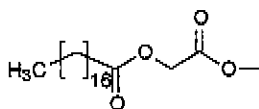
and enantiomer
 et énantiomère
 y enantiómero

steaglas 18

steaglate stearoyl-glycolate (ester)
 stéaglate 2-(octodécanyloxy)acétate (ester)
 esteaglato estearoylglicolato (éster)



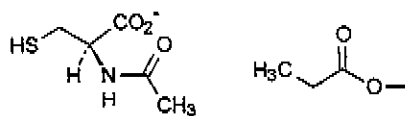
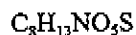
JAN:steagrate



stinopras

(erythromycini stinopras (58) (*))

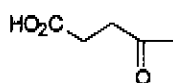
stinoprate N-acetylcysteinate (salt), propionate (ester)
 stinoprate (S)-2-(acétylamino)-3-sulfanylpropanoate (sel), propanoate (ester)
 estinoprato N-acetilcisteinato (sel), propionato (éster)



succinilum

(norfloxacin succinilum (58) (28))

succinil	3-carboxypropionyl
succinil	3-carboxypropanoyl
succinilo	3-carboxipropionilo

**sudotoxum**

(alvirceptum sudotoxum (69) (34))

sudotox	248-L-histidine-249-L-methionine-250-L-alanine-251-L-glutamic acid-248-613-exotoxin A (<i>Pseudomonas aeruginosa</i> reduced)
sudotox	248-L-histidine-249-L-méthionine-250-L-alanine-251-acide L-glutamique-248-613-exotoxine A (<i>Pseudomonas aeruginosa</i> réduite)
sudotox	248-L-histidina-249-L-methionina-250-L-alanina-251-acido L-glutamico-248-613-exotoxina A (<i>Pseudomonas aeruginosa</i> reducida)

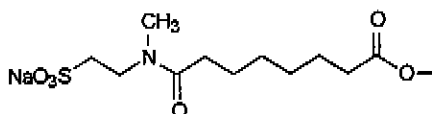
suleptanas

(methylprednisoloni suleptanas (56) (27))

suleptanate	7-[methyl(2-sulfoethyl)carbamoyl]heptanoate (ester), monosodium salt
suleptanate	8-[(méthyl)(2-sulfoéthyl)amino]-8-oxooctanoate (ester), sel monosodique
suleptanato	7-[metil(2-sulfoetil)carbamoil]heptanoato (éster), sal monosidico



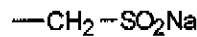
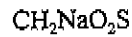
BAN



sulfoxylas

(phenarsoni sulfoxylas (01) (*))

sulfoxylate methylenesulfinate, monosodium salt
 sulfoxylate méthylènesulfinate de sodium
 sulfoxilato metilensulfinato, sal monosodico

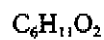
**tafenatoxum**

(nacolomabum tafenatoxum (71) (35))

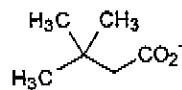
tafenatox enterotoxin A (*Staphylococcus aureus*)
 tafénatox entérotoxine A (*Staphylococcus aureus*)
 tafenatox enterotoxina A (*Staphylococcus aureus*)

tebutas 22

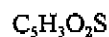
tebutate tertiary butyl acetate
 tébutate 3,3-diméthylbutanoate
 tebutato *terc*-butilo acetato



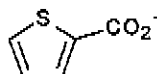
JAN
 USAN

**tenoas** 52

tenoate 2-thiophenecarboxylate
 ténoate thiophène-2-carboxylate
 tenoato 2-tiofenocarboxilato

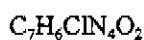


JAN

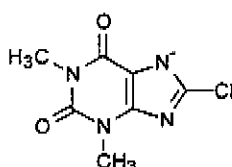


teoclas 18

teoclate 8-chlorotheophyllinate
 téoclate 8-chloro-1,3-diméthyl-2,6-dioxo-3,7-dihydro-1*H*-purin-7-ure
 teoclato 8-cloroteofillinato

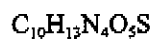


BAN:theoclate
 JAN

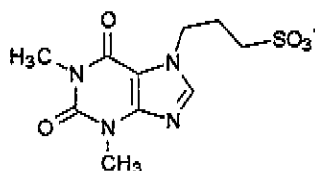


teprosilas 29

teprosilate 1,2,3,6-tetrahydro-1,3-diméthyl-2,6-dioxopurine-7-propanesulfonate
 téprosilate 3-[1,3-diméthyl-2,6-dioxo-1,2,3,6-tétrahydro-7*H*-purin-7-yl]propanesulfonate
 teprosilato 1,2,3,6-tetrahidro-1,3-dimetil-2,6-dioxopurina-7-propansulfonato

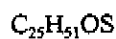


JAN

**tidoxilum**

(fozivudinum tidoxilum (73))

tidoxil (2*RS*)-2-(decyloxy)-3-(dodecylthio)propyl
 tidoxil (2*RS*)-2-(décyloxy)-3-(dodécylsulfanyl)propyle
 tidoxilo (2*RS*)-2-(deciloxi)-3-(dodeciltio)propil

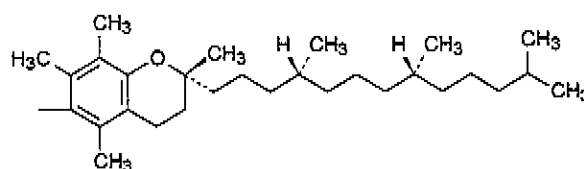


and enantiomer
 et énantiomère
 y enantiómero

tocopherilum

(retinoinum tocoferilum (66) (32))

tocoferil	(±)-(2 <i>R</i> *)-2,5,7,8-tetramethyl-2-[(4 <i>R</i> *,8 <i>R</i> *)-4,8,12-trimethyltridecyl]-6-chromanyl
tocoféril	(±)-(2 <i>R</i> *)-2,5,7,8-tétraméthyl-2-[(4 <i>R</i> *,8 <i>R</i> *)-4,8,12-triméthyltridécy]-3,4-dihydro-2 <i>H</i> -chromén-6-yl
tocoferilo	(±)-(2 <i>R</i> *)-2,5,7,8-tetrametil-2-[(4 <i>R</i> *,8 <i>R</i> *)-4,8,12-trimetiltridecíl]-6-chromanilo

 $C_{29}H_{49}O$ **tofesilas 27**

tofesilate	1,2,3,6-tetrahydro-1,3-dimethyl-2,6-dioxopurine-7-ethanesulfonate
tofésilate	2-(1,3-diméthyl-2,6-dioxo-1,2,3,6-tétrahydro-7 <i>H</i> -purin-7-yl)éthanesulfonate
tofesilato	1,2,3,6-tetrahidro-1,3-dimetil-2,6-dioxopurine-7-etansulfonato

 $C_9H_{11}N_4O_5S$

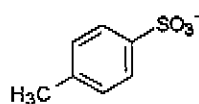
JAN

**tosilas** 18

tosilate	p-toluenesulfonate
tosilate	4-méthylbenzènesulfonate
tosilato	p-toluensulfonato

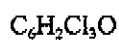
 $C_7H_7O_3S$

BAN:tosylate
 JAN
 USAN:tosylate

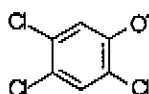


triclofenas 18

triclofenate 2,4,5-trichlorophenolate
 triclofénate 2,4,5-trichlorophénolate
 triclofenato 2,4,5-triclorofenolato



JAN

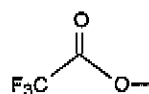


triflutas 64

triflutate trifluoroacetate
 triflutate 2,2,2-trifluoroacétate
 triflutato trifluoroacetato

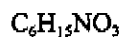


JAN
 USAN

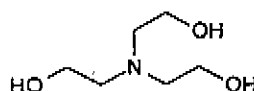


trolaminum 22

trolamine triethanolamine
 trolamine 2,2',2''-nitrilotriéthanol
 trolamina triolamina

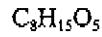


JAN
 USAN

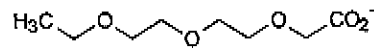


troxundas 46

troxundate [2-(2-ethoxyethoxy)ethoxy]acetate
troxundate [2-(2-éthoxyéthoxy)éthoxy]acétate
troxundato [2-(2-etoxietoxi)etoxi]acetato

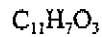


BAN
JAN

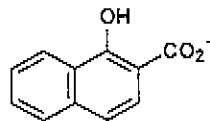


xinafoas 63

xinafoate 1-hydroxy-2-naphthoate
xinafoate 1-hydroxynaphtalène-2-carboxylate
xinafoato 1-hidroxi-2-naftoato



BAN
JAN
USAN



* * * * *

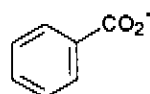
ANNEX

The following groups and elements have also been published together with INNs:

benzoas

benzoate
benzoate
benzoato

benzoate
benzèncarboxylate
benzoato



bromidum

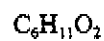
bromide
bromure
bromuro

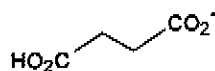


caproas

caproate
caproate
caproato

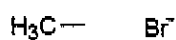
hexanoate
hexanoate
hexanoato



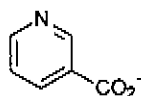
chloridumchloride
chlorure
cloruroCl⁻**hemisuccinas**hemisuccinate
hémisuccinate
hemisuccinato3-carboxypropionate
3-carboxypropanoate
3-carboxipropionatoC₄H₅O₄**iodidum**iodide
iodure
ioduroI⁻**lauras**laurate
laurate
lauratododecanoate
dodécanoate
dodecanoatoC₁₂H₂₃O₂

methylbromidum

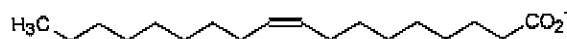
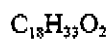
methylbromide *N*-methyl, bromide (salt)
 méthylbromure *N*-méthyl, bromure (sel)
 metilbromuro *N*-metil, bromuro (sal)

**nicotinas**

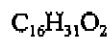
nicotinate 3-pyridinecarboxylate
 nicotinate pyridine-3-carboxylate
 nicotinato 3-piridincarboxilato

**oleas**

oleate oleate
 oléate (*E*)-octadéc-9-énoate
 oleato oleato

**palmitas**

palmitate hexadecanoate
 palmitate hexadécanoate
 palmitato hexadecanoato



perchloras

perchlorate
perchlorate
perclorato



potassio(kalii)

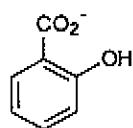
potassium
potassium
potásico



salicylas

salicylate
salicylate
salicilato

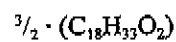
salicylate
2-hydroxybenzoate
salicilato

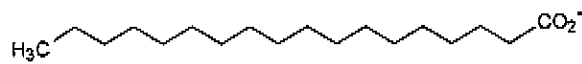
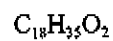
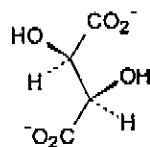


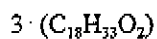
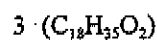
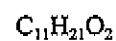
sesquioleas

sesquioleate
sesquioléate
sesquioleato

sesquioleate
sesquioléate
sesquioleato



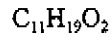
sodio(natrii)sodium
sodium
sódico**stearas**stearate
stéarate
éstearatooctadecanoate
octadécanoate
octadecanoato**sulfas**sulfate
sulfate
sulfato**tartras**tartrate
tartrate
tartratotartrate
(2*R*,3*R*)-2,3-dihydroxybutanedioate
tartrato

trioleastrioleate
trioleate
trioleatotrioleate
tri-(*E*)-octadéc-9-énoate
trioleato**tristearas**tristearate
tristéarate
tristéaratotri-octadecanoate
tri-octadécanoate
tri-octadecanoato**undecylas**undecylate
undécylate
undecilatoundecylate
undécanoate
undecilato

undecylenas

undecylenate
undécylénate
undecilenato

undecylenate
undéc-10-énoate
undecilenato



valeras

valerate
valérate
valerato

valerate
pentanoate
valerato



* * * * *