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AMENDMENT 7
2021-12

Pesticides and other agrochemicals — Common names

AMENDMENT 7

Produits phytosanitaires et assimilés — Noms communs

AMENDEMENT 7

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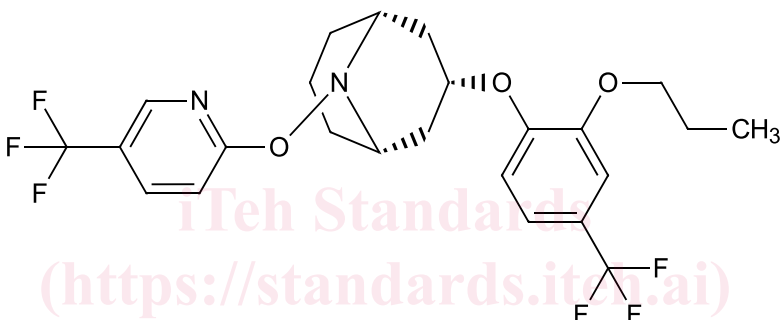
This document was prepared by Technical Committee ISO/TC 81, *Common names for pesticides and other agrochemicals*.

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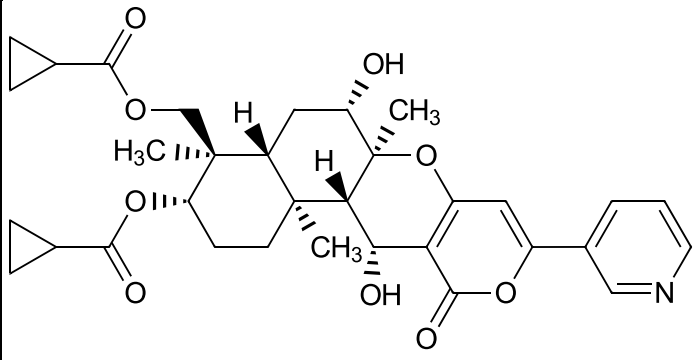
Clause 4, Approved common names

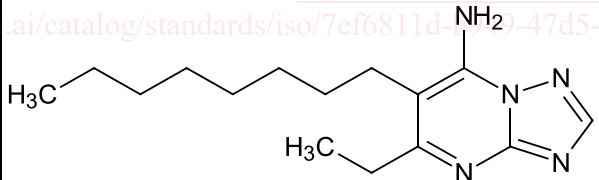
Add these new common names approved since Amd.5.

The common names in this section are those that have been approved since Amendment 5 to ISO 1750:1981.

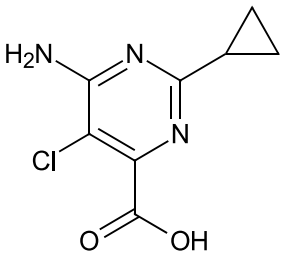
Common name	acynonapyr
IUPAC PIN	(1 <i>R</i> ,3 <i>r</i> ,5 <i>S</i>)-3-[2-propoxy-4-(trifluoromethyl)phenoxy]-9-[[5-(trifluoromethyl)pyridin-2-yl]oxy]-9-azabicyclo[3.3.1]nonane
IUPAC name	9-[[5-(trifluoromethyl)-2-pyridyl]oxy]-3- <i>endo</i> -[[α,α -trifluoro-2-propoxy- <i>p</i> -tolyl]oxy]-9-azabicyclo[3.3.1]nonane
CAS name	(3- <i>endo</i>)-3-[2-propoxy-4-(trifluoromethyl)phenoxy]-9-[[5-(trifluoromethyl)-2-pyridinyl]oxy]-9-azabicyclo[3.3.1]nonane
Structure	
CAS Reg. No.	1332838-17-1
Formula	C ₂₄ H ₂₆ F ₆ N ₂ O ₃
Use	acaricide
InChIKey	GIDAJLLAARKRMS-BWTSREIZSA-N
InChI	InChI=1S/C24H26F6N2O3/c1-2-10-33-21-11-15(23(25,26)27)6-8-20(21)34-19-12-17-4-3-5-18(13-19)32(17)35-22-9-7-16(14-31-22)24(28,29)30/h6-9,11,14,17-19H,2-5,10,12-13H2,1H3/t17-,18+,19+

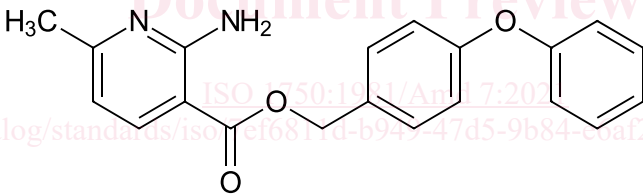
Common name	afidopyropen
IUPAC PIN	{(3 <i>S</i> ,4 <i>R</i> ,4 <i>aR</i> ,6 <i>S</i> ,6 <i>aS</i> ,12 <i>R</i> ,12 <i>aS</i> ,12 <i>bS</i>)-3-[(cyclopropanecarbonyl)oxy]-6,12-dihydroxy-4,6 <i>a</i> ,12 <i>b</i> -trimethyl-11-oxo-9-(pyridin-3-yl)-1,3,4,4 <i>a</i> ,5,6,6 <i>a</i> ,12,12 <i>a</i> ,12 <i>b</i> -decahydro-2 <i>H</i> ,11 <i>H</i> -benzo[<i>f</i>]pyrano[4,3- <i>b</i>][1]benzopyran-4-yl}methyl cyclopropanecarboxylate
IUPAC name	{(3 <i>S</i> ,4 <i>R</i> ,4 <i>aR</i> ,6 <i>S</i> ,6 <i>aS</i> ,12 <i>R</i> ,12 <i>aS</i> ,12 <i>bS</i>)-3-[(cyclopropylcarbonyl)oxy]-1,3,4,4 <i>a</i> ,5,6,6 <i>a</i> ,12,12 <i>a</i> ,12 <i>b</i> -decahydro-6,12-dihydroxy-4,6 <i>a</i> ,12 <i>b</i> -trimethyl-11-oxo-9-(3-pyridyl)-2 <i>H</i> ,11 <i>H</i> -benzo[<i>f</i>]pyrano[4,3- <i>b</i>]chromen-4-yl}methyl cyclopropanecarboxylate
CAS name	[(3 <i>S</i> ,4 <i>R</i> ,4 <i>aR</i> ,6 <i>S</i> ,6 <i>aS</i> ,12 <i>R</i> ,12 <i>aS</i> ,12 <i>bS</i>)-3-[(cyclopropylcarbonyl)oxy]-1,3,4,4 <i>a</i> ,5,6,6 <i>a</i> ,12,12 <i>a</i> ,12 <i>b</i> -decahydro-6,12-dihydroxy-4,6 <i>a</i> ,12 <i>b</i> -trimethyl-11-oxo-9-(3-pyridinyl)-2 <i>H</i> ,11 <i>H</i> -naphtho[2,1- <i>b</i>]pyrano[3,4- <i>e</i>]pyran-4-yl}methyl cyclopropanecarboxylate

Common name	afidopyropen
Structure	
CAS Reg. No.	915972-17-7
Formula	C ₃₃ H ₃₉ NO ₉
Use	insecticide
InChIKey	LRZWFURXIMFONG-HRSIRGMGSA-N
InChI	InChI=1S/C33H39NO9/c1-31-11-10-24(42-29(38)18-8-9-18)32(2,16-40-28(37)17-6-7-17)22(31)14-23(35)33(3)27(31)26(36)25-21(43-33)13-20(41-30(25)39)19-5-4-12-34-15-19/h4-5,12-13,15,17-18,22-24,26-27,35-36H,6-11,14,16H2,1-3H3/t22-,23+,24+,26+,27-,31+,32+,33-/m1/s1

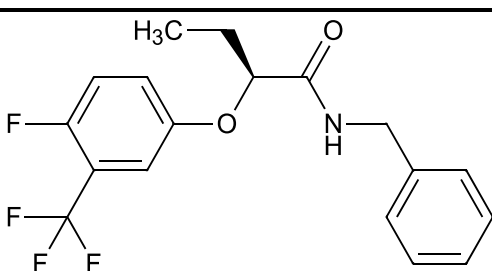
Common name	ametotradin
IUPAC PIN	5-ethyl-6-octyl[1,2,4]triazolo[1,5-a]pyrimidin-7-amine
IUPAC name	5-ethyl-6-octyl[1,2,4]triazolo[1,5-a]pyrimidin-7-amine
CAS name	5-ethyl-6-octyl[1,2,4]triazolo[1,5-a]pyrimidin-7-amine
Structure	
CAS Reg. No.	865318-97-4
Formula	C ₁₅ H ₂₅ N ₅
Use	fungicide
InChIKey	GGKQIOFASHYUJZ-UHFFFAOYSA-N
InChI	InChI=1S/C15H25N5/c1-3-5-6-7-8-9-10-12-13(4-2)19-15-17-11-18-20(15)14(12)16/h11H,3-10,16H2,1-2H3

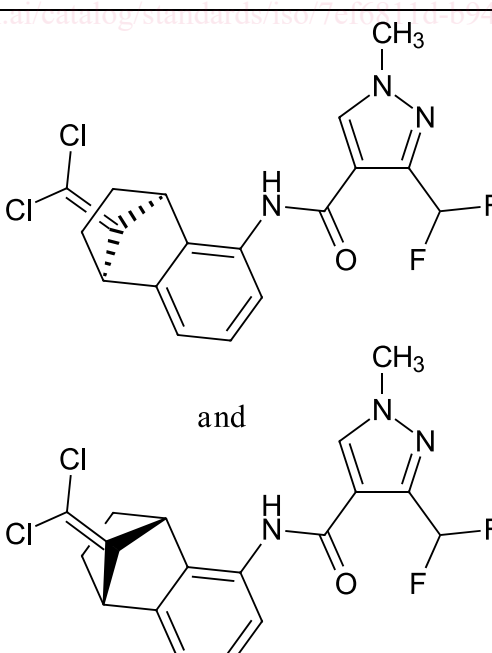
Common name	aminocyclopyrachlor
IUPAC PIN	6-amino-5-chloro-2-cyclopropylpyrimidine-4-carboxylic acid
IUPAC name	6-amino-5-chloro-2-cyclopropylpyrimidine-4-carboxylic acid
CAS name	6-amino-5-chloro-2-cyclopropyl-4-pyrimidinecarboxylic acid

Common name	aminocyclopyrachlor
Structure	
CAS Reg. No.	858956-08-8
Formula	C ₈ H ₈ ClN ₃ O ₂
Use	herbicide
InChIKey	KWAIHLIXESXTJL-UHFFFAOYSA-N
InChI	InChI=1S/C8H8ClN3O2/c9-4-5(8(13)14)11-7(3-1-2-3)12-6(4)10/h3H,1-2H2,(H,13,14)(H2,10,11,12)
Notes	It should be stated which ester or salt is present, for example aminocyclopyrachlor-methyl [858954-83-3] or aminocyclopyrachlor-potassium [858956-35-1].

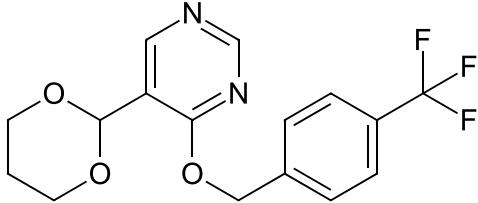
Common name	aminopyrifen
IUPAC PIN	(4-phenoxyphenyl)methyl 2-amino-6-methylpyridine-3-carboxylate
IUPAC name	4-phenoxybenzyl 2-amino-6-methylnicotinate
CAS name	(4-phenoxyphenyl)methyl 2-amino-6-methyl-3-pyridinecarboxylate
Structure	
CAS Reg. No.	1531626-08-0
Formula	C ₂₀ H ₁₈ N ₂ O ₃
Use	fungicide
InChIKey	PWWPULQZEAPTTB-UHFFFAOYSA-N
InChI	InChI=1S/C20H18N2O3/c1-14-7-12-18(19(21)22-14)20(23)24-13-15-8-10-17(11-9-15)25-16-5-3-2-4-6-16/h2-12H,13H2,1H3,(H2,21,22)

Common name	beflubutamid-M
IUPAC PIN	(2S)-N-benzyl-2-[4-fluoro-3-(trifluoromethyl)phenoxy]butanamide
IUPAC name	(S)-N-benzyl-2-[(α,α,α,4-tetrafluoro-m-tolyl)oxy]butyramide
CAS name	(2S)-2-[4-fluoro-3-(trifluoromethyl)phenoxy]-N-(phenylmethyl)butanamide

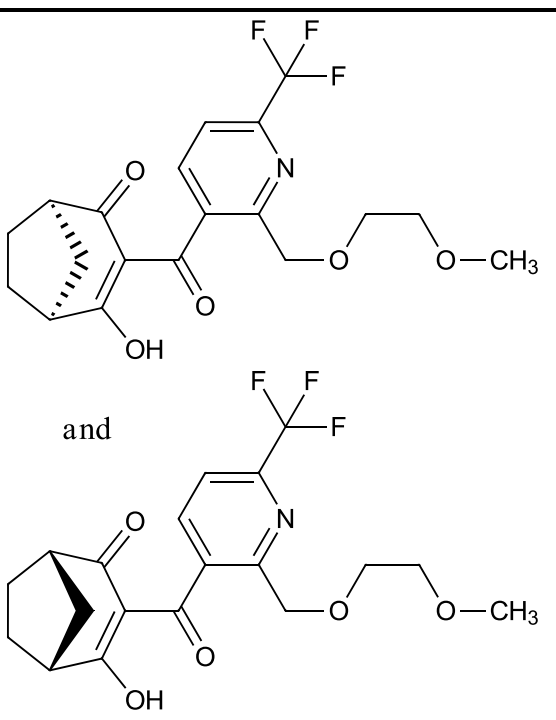
Common name	beflubutamid-M
Structure	
CAS Reg. No.	113614-09-8
Formula	C ₁₈ H ₁₇ F ₄ NO ₂
Use	herbicide
InChIKey	FFQPZWRNXXKPNPX-INIZCTEOSA-N
InChI	InChI=1S/C18H17F4NO2/c1-2-16(17(24)23-11-12-6-4-3-5-7-12)25-13-8-9-15(19)14(10-13)18(20,21)22/h3-10,16H,2,11H2,1H3,(H,23,24)/t16-/m0/s1
Notes	The unresolved enantiomeric mixture has the common name beflubutamid [113614-08-7].

Common name	benzovindiflupyr
IUPAC PIN	<i>rac-N</i> -[(1 <i>R</i> ,4 <i>S</i>)-9-(dichloromethylidene)-1,2,3,4-tetrahydro-1,4-methanonaphthalen-5-yl]-3-(difluoromethyl)-1-methyl-1 <i>H</i> -pyrazole-4-carboxamide
IUPAC name	<i>N</i> -[(1 <i>RS</i> ,4 <i>SR</i>)-9-(dichloromethylene)-1,2,3,4-tetrahydro-1,4-methanonaphthalen-5-yl]-3-(difluoromethyl)-1-methyl-1 <i>H</i> -pyrazole-4-carboxamide
CAS name	<i>N</i> -[9-(dichloromethylene)-1,2,3,4-tetrahydro-1,4-methanonaphthalen-5-yl]-3-(difluoromethyl)-1-methyl-1 <i>H</i> -pyrazole-4-carboxamide
Structure	
CAS Reg. No.	1072957-71-1
Formula	C ₁₈ H ₁₅ Cl ₂ F ₂ N ₃ O

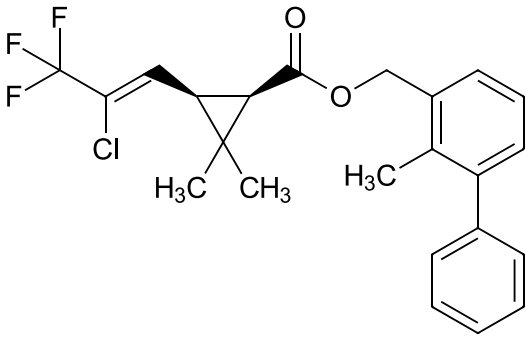
Common name	benzovindiflupyr
Use	fungicide
InChIKey	CCCGEKHKTPTUHJ-UHFFFAOYSA-N
InChI	InChI=1S/C18H15Cl2F2N3O/c1-25-7-11(15(24-25)17(21)22)18(26)23-12-4-2-3-8-9-5-6-10(13(8)12)14(9)16(19)20/h2-4,7,9-10,17H,5-6H2,1H3,(H,23,26)

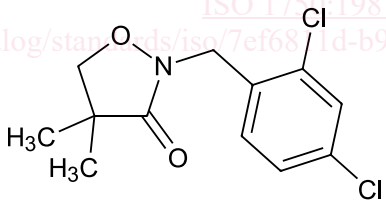
Common name	benzpyrimoxan
IUPAC PIN	5-(1,3-dioxan-2-yl)-4-{[4-(trifluoromethyl)phenyl]methoxy}pyrimidine
IUPAC name	5-(1,3-dioxan-2-yl)pyrimidin-4-yl 4-(trifluoromethyl)benzyl ether
CAS name	5-(1,3-dioxan-2-yl)-4-{[4-(trifluoromethyl)phenyl]methoxy}pyrimidine
Structure	
CAS Reg. No.	1449021-97-9
Formula	C ₁₆ H ₁₅ F ₃ N ₂ O ₃
Use	insecticide
InChIKey	ZYXYTGQFPZEUFU-UHFFFAOYSA-N
InChI	InChI=1S/C16H15F3N2O3/c17-16(18,19)12-4-2-11(3-5-12)9-24-14-13(8-20-10-21-14)15-22-6-1-7-23-15/h2-5,8,10,15H,1,6-7,9H2

Common name	bicyclopyrone
IUPAC PIN	<i>rac</i> -(1 <i>R</i> ,5 <i>R</i>)-4-hydroxy-3-{2-[(2-methoxyethoxy)methyl]-6-(trifluoromethyl)(pyridine-3-carbonyl)}bicyclo[3.2.1]oct-3-en-2-one
IUPAC name	(1 <i>RS</i> ,5 <i>SR</i>)-4-hydroxy-3-{2-[(2-methoxyethoxy)methyl]-6-(trifluoromethyl)-3-pyridyl}carbonylbicyclo[3.2.1]oct-3-en-2-one
CAS name	4-hydroxy-3-[[2-[(2-methoxyethoxy)methyl]-6-(trifluoromethyl)-3-pyridinyl]carbonyl]bicyclo[3.2.1]oct-3-en-2-one

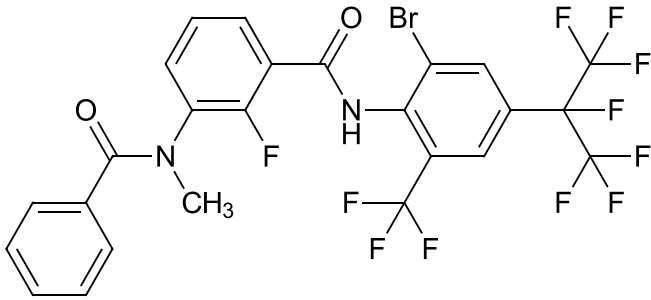
Common name	bicycloprrone
Structure	
CAS Reg. No.	352010-68-5
Formula	C ₁₉ H ₂₀ F ₃ NO ₅
Use	herbicide
InChIKey	HUYBEDCQLAEVPD-UHFFFAOYSA-N
InChI	InChI=1S/C19H20F3NO5/c1-27-6-7-28-9-13-12(4-5-14(23-13)19(20,21)22)18(26)15-16(24)10-2-3-11(8-10)17(15)25/h4-5,10-11,24H,2-3,6-9H2,1H3

Common name	kappa-bifenthrin
IUPAC PIN	(2-methyl[1,1'-biphenyl]-3-yl)methyl (1 <i>R</i> ,3 <i>R</i>)-3-[(1 <i>Z</i>)-2-chloro-3,3,3-trifluoroprop-1-en-1-yl]-2,2-dimethylcyclopropane-1-carboxylate
IUPAC name	(2-methylbiphenyl-3-yl)methyl (1 <i>R</i> ,3 <i>R</i>)-3-[(<i>Z</i>)-2-chloro-3,3,3-trifluoroprop-1-enyl]-2,2-dimethylcyclopropanecarboxylate Rothamsted-style stereodescriptors: (2-methylbiphenyl-3-yl)methyl (1 <i>R</i>)- <i>cis</i> -3-[(<i>Z</i>)-2-chloro-3,3,3-trifluoroprop-1-enyl]-2,2-dimethylcyclopropanecarboxylate
CAS name	(2-methyl[1,1'-biphenyl]-3-yl)methyl (1 <i>R</i> ,3 <i>R</i>)-3-[(1 <i>Z</i>)-2-chloro-3,3,3-trifluoro-1-propen-1-yl]-2,2-dimethylcyclopropanecarboxylate

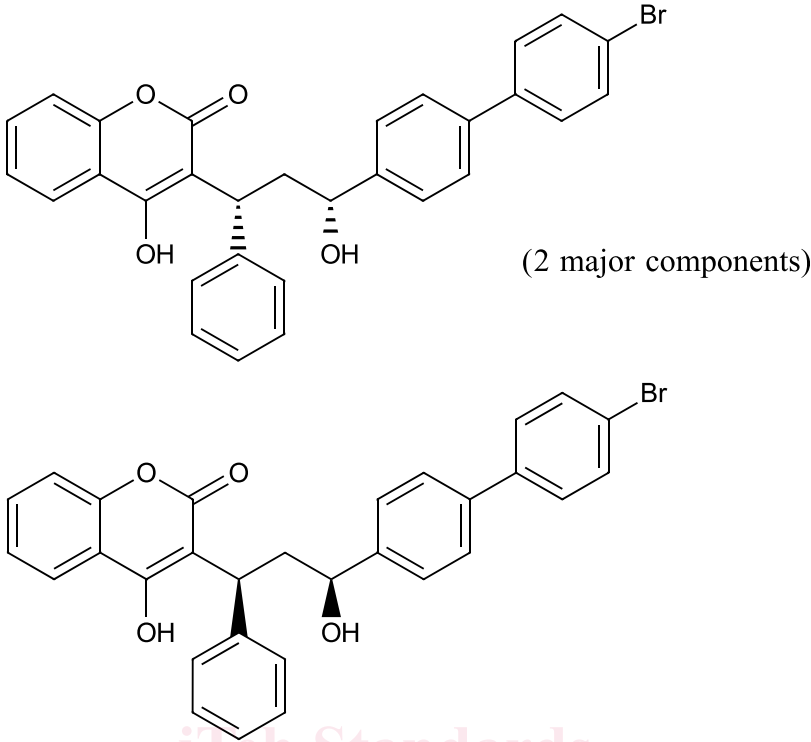
Common name	kappa-bifenthrin
Structure	
CAS Reg. No.	439680-76-9
Formula	C ₂₃ H ₂₂ ClF ₃ O ₂
Use	insecticide
InChIKey	OMFRMAHOUUJSGP-IRHGGOMRSA-N
InChI	InChI=1S/C23H22ClF3O2/c1-14-16(10-7-11-17(14)15-8-5-4-6-9-15)13-29-21(28)20-18(22(20,2)3)12-19(24)23(25,26)27/h4-12,18,20H,13H2,1-3H3/b19-12-/t18-,20-/m0/s1
Notes	This is one of the 2 isomers of bifenthrin [82657-04-3].

Common name	bixlozone
IUPAC PIN	2-[[2,4-dichlorophenyl)methyl]-4,4-dimethyl-1,2-oxazolidin-3-one
IUPAC name	2-(2,4-dichlorobenzyl)-4,4-dimethylisoxazolidin-3-one
CAS name	2-[[2,4-dichlorophenyl)methyl]-4,4-dimethyl-3-isoxazolidinone
Structure	
CAS Reg. No.	81777-95-9
Formula	C ₁₂ H ₁₃ Cl ₂ NO ₂
Use	herbicide
InChIKey	FHUKASKVKWSLCY-UHFFFAOYSA-N
InChI	InChI=1S/C12H13Cl2NO2/c1-12(2)7-17-15(11(12)16)6-8-3-4-9(13)5-10(8)14/h3-5H,6-7H2,1-2H3

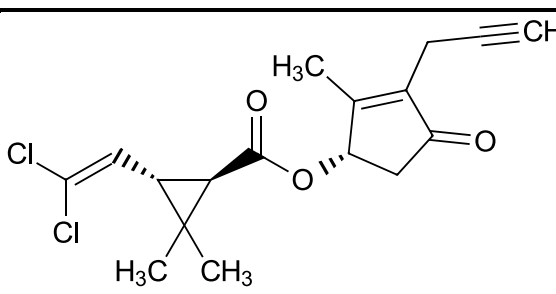
Common name	broflanilide
IUPAC PIN	N-[2-bromo-4-(1,1,1,2,3,3,3-heptafluoropropan-2-yl)-6-(trifluoromethyl)phenyl]-2-fluoro-3-(N-methylbenzamido)benzamide
IUPAC name	2'-bromo-2-fluoro-3-(N-methylbenzamido)-4'-[1,2,2,2-tetrafluoro-1-(trifluoromethyl)ethyl]-6'-(trifluoromethyl)benzanilide

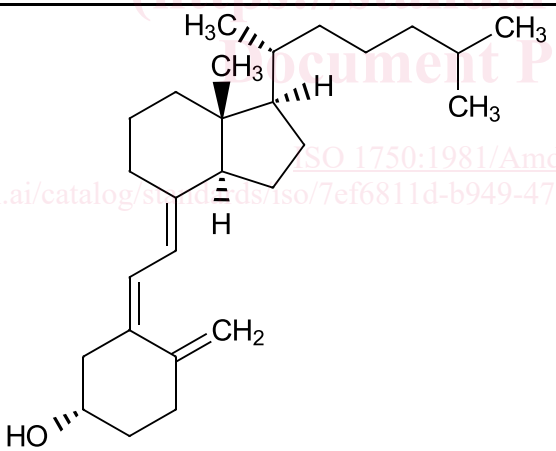
Common name	broflanilide
CAS name	3-(benzoylmethylamino)-N-[2-bromo-4-[1,2,2,2-tetrafluoro-1-(trifluoromethyl)ethyl]-6-(trifluoromethyl)phenyl]-2-fluorobenzamide
Structure	
CAS Reg. No.	1207727-04-5
Formula	C ₂₅ H ₁₄ BrF ₁₁ N ₂ O ₂
Use	insecticide
InChIKey	QSLZKWPYTWEEHC-UHFFFAOYSA-N
InChI	InChI=1S/C25H14BrF11N2O2/c1-39(21(41)12-6-3-2-4-7-12)17-9-5-8-14(18(17)27)20(40)38-19-15(23(29,30)31)10-13(11-16(19)26)22(28,24(32,33)34)25(35,36)37/h2-11H,1H3,(H,38,40)

Common name	alpha-bromadiolone
IUPAC PIN	mixture of 80–100% <i>rac</i> -3-[(1 <i>R</i> ,3 <i>R</i>)-3-(4'-bromo[1,1'-biphenyl]-4-yl)-3-hydroxy-1-phenylpropyl]-4-hydroxy-2 <i>H</i> -1-benzopyran-2-one and 20–0% of the <i>rac</i> -(1 <i>R</i> ,3 <i>S</i>)-isomers
IUPAC name	mixture of 80–100% 3-[(1 <i>RS</i> ,3 <i>RS</i>)-3-(4'-bromobiphenyl-4-yl)-3-hydroxy-1-phenylpropyl]-4-hydroxycoumarin and 20–0% of the (1 <i>RS</i> ,3 <i>SR</i>)-isomers
CAS name	3-[3-(4'-bromo[1,1'-biphenyl]-4-yl)-3-hydroxy-1-phenylpropyl]-4-hydroxy-2 <i>H</i> -1-benzopyran-2-one

Common name	alpha-bromadiolone
Structure	 (2 major components)
CAS Reg. No.	28772-56-7
Formula	C ₃₀ H ₂₃ BrO ₄
Use	rodenticide
InChIKey	LQAGAOMQXARIFO-CPBLEMPESA-N (major component)
InChI	InChI=1S/2C30H23BrO4/c2*31-23-16-14-20(15-17-23)19-10-12-22(13-11-19)26(32)18-25(21-6-2-1-3-7-21)28-29(33)24-8-4-5-9-27(24)35-30(28)34/h2*1-17,25-26,32-33H,18H2/t2*25-,26-/m10/s1 (major component)
Notes	The mixture of 80–100% (1 <i>RS</i> ,3 <i>SR</i>)-isomers and 20–0% (1 <i>RS</i> ,3 <i>RS</i>)-isomers has the ISO common name bromadiolone .

Common name	chloroprallethrin
IUPAC PIN	(1 <i>S</i>)-2-methyl-4-oxo-3-(prop-2-yn-1-yl)cyclopent-2-en-1-yl (1 <i>R</i> ,3 <i>S</i>)-3-(2,2-dichloroethenyl)-2,2-dimethylcyclopropane-1-carboxylate
IUPAC name	(1 <i>S</i>)-2-methyl-4-oxo-3-(prop-2-ynyl)cyclopent-2-enyl (1 <i>R</i> ,3 <i>S</i>)-3-(2,2-dichlorovinyl)-2,2-dimethylcyclopropanecarboxylate Rothamsted-style stereodescriptors: (1 <i>S</i>)-2-methyl-4-oxo-3-(prop-2-ynyl)cyclopent-2-enyl (1 <i>R</i>)- <i>trans</i> -3-(2,2-dichlorovinyl)-2,2-dimethylcyclopropanecarboxylate
CAS name	(1 <i>S</i>)-2-methyl-4-oxo-3-(2-propyn-1-yl)-2-cyclopenten-1-yl (1 <i>R</i> ,3 <i>S</i>)-3-(2,2-dichloroethenyl)-2,2-dimethylcyclopropanecarboxylate

Common name	chloroprallethrin
Structure	
CAS Reg. No.	250346-55-5
Formula	C ₁₇ H ₁₈ Cl ₂ O ₃
Use	insecticide
InChIKey	RQNZCZHWQZMZER-ZLDLUXBVSA-N
InChI	InChI=1S/C17H18Cl2O3/c1-5-6-10-9(2)13(8-12(10)20)22-16(21)15-11(7-14(18)19)17(15,3)4/h1,7,11,13,15H,6,8H2,2-4H3/t11-,13+,15+/m1/s1

Common name	cholecalciferol
IUPAC name	(5Z,7E)-(3S)-9,10-secocholesta-5,7,10(19)-trien-3-ol
CAS name	(1S,3Z)-3-[(2E)-2-[(1R,3aS,7aR)-1-[(1R)-1,5-dimethylhexyl]octahydro-7a-methyl-4H-inden-4-ylidene]ethylidene]-4-methylenecyclohexanol
Structure	
CAS Reg. No.	67-97-0
Formula	C ₂₇ H ₄₄ O
Use	rodenticide
InChIKey	QYSXJUF SXHHAJI-YRZJJWOYSA-N
InChI	InChI=1S/C27H44O/c1-19(2)8-6-9-21(4)25-15-16-26-22(10-7-17-27(25,26)5)12-13-23-18-24(28)14-11-20(23)3/h12-13,19,21,24-26,28H,3,6-11,14-18H2,1-2,4-5H3/b22-12+,23-13-/t21-,24+,25-,26+,27-/m1/s1
Notes	In China, the name “vitamin D3” (维生素 D3) is used.

Common name	clacyfos
IUPAC PIN	<i>rac</i> -(1 <i>R</i>)-1-(dimethoxyphosphoryl)ethyl (2,4-dichlorophenoxy)acetate