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AMENDMENT 7
2021-12

Pesticides and other agrochemicals — Common names

AMENDMENT 7

Produits phytosanitaires et assimilés — Noms communs

AMENDEMENT 7

Reference number
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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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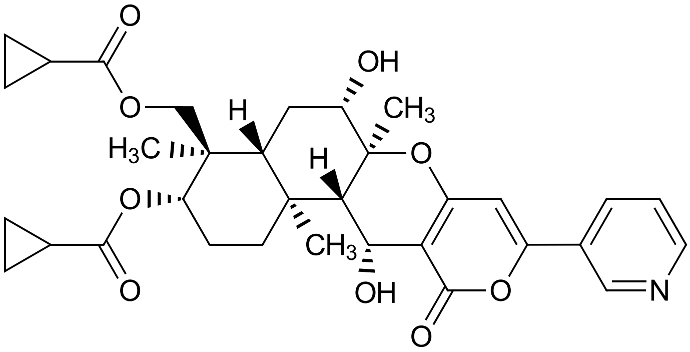
Clause 4, Approved common names

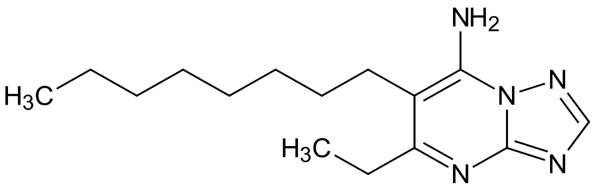
Add these new common names approved since Amd.5.

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

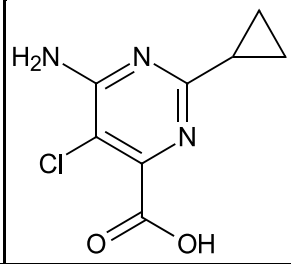
Common name	**acynonapyr**
IUPAC PIN	(1*R*,3*r*,5*S*)-3-[2-propoxy-4-(trifluoromethyl)phenoxy]-9-{[5-(trifluoromethyl)pyridin-2-yl]oxy}-9-azabicyclo[3.3.1]nonane
IUPAC name	9-{[5-(trifluoromethyl)-2-pyridyl]oxy}-3-*endo*-[(α,α,α-trifluoro-2-propoxy-*p*-tolyl)oxy]-9-azabicyclo[3.3.1]nonane
CAS name	(3-*endo*)-3-[2-propoxy-4-(trifluoromethyl)phenoxy]-9-[[5-(trifluoromethyl)-2-pyridinyl]oxy]-9-azabicyclo[3.3.1]nonane
Structure	
CAS Reg. No.	1332838-17-1
Formula	$C_{24}H_{26}F_6N_2O_3$
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+

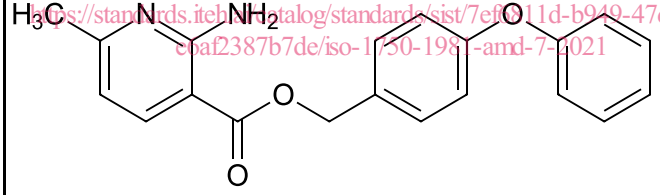
Common name	**afidopyropen**
IUPAC PIN	{(3*S*,4*R*,4a*R*,6*S*,6a*S*,12*R*,12a*S*,12b*S*)-3-[(cyclopropanecarbonyl)oxy]-6,12-dihydroxy-4,6a,12b-trimethyl-11-oxo-9-(pyridin-3-yl)-1,3,4,4a,5,6,6a,12,12a,12b-decahydro-2*H*,11*H*-benzo[*f*]pyrano[4,3-*b*][1]benzopyran-4-yl}methyl cyclopropanecarboxylate
IUPAC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

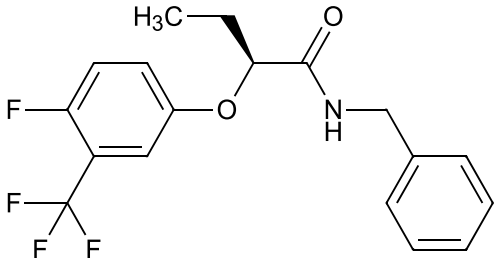
Common name	**ametoctradin**
IUPAC PIN	5-ethyl-6-octyl[1,2,4]triazolo[1,5-*a*]pyrimidin-7-amine
IUPAC name	5-ethyl-6-octyl[1,2,4]triazolo[1,5-*a*]pyrimidin-7-amine
CAS name	5-ethyl-6-octyl[1,2,4]triazolo[1,5-*a*]pyrimidin-7-amine
Structure	
CAS Reg. No.	865318-97-4
Formula	$C_{15}H_{25}N_5$
Use	fungicide
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

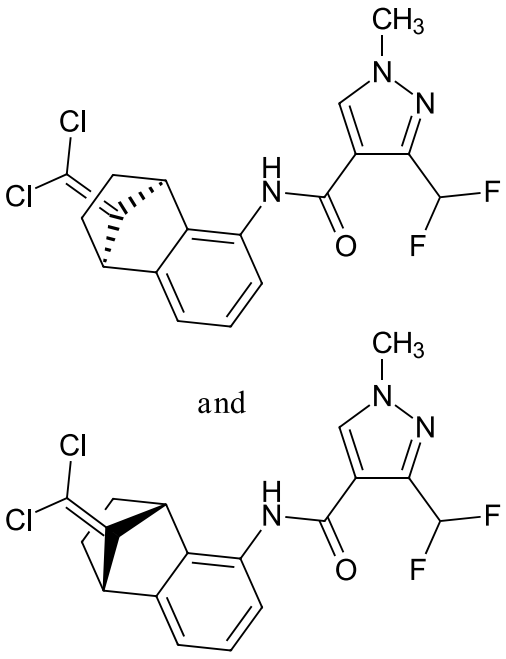
Common name	**aminocyclopyrachlor**
IUPAC PIN	6-amino-5-chloro-2-cyclopropylpyrimidine-4-carboxylic acid
IUPAC name	6-amino-5-chloro-2-cyclopropylpyrimidine-4-carboxylic acid
CAS name	6-amino-5-chloro-2-cyclopropyl-4-pyrimidinecarboxylic acid

Common name	**aminocyclopyrachlor**
Structure	
CAS Reg. No.	858956-08-8
Formula	$C_8H_8ClN_3O_2$
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].

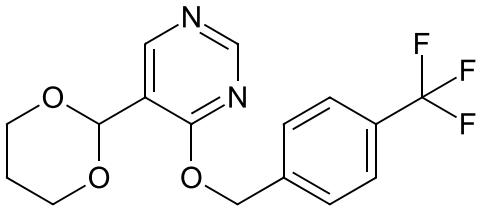
Common name	**aminopyrifen**
IUPAC PIN	(4-phenoxyphenyl)methyl 2-amino-6-methylpyridine-3-carboxylate
IUPAC name	4-phenoxybenzyl 2-amino-6-methylnicotinate
CAS name	(4-phenoxyphenyl)methyl 2-amino-6-methyl-3-pyridinecarboxylate
Structure	
CAS Reg. No.	1531626-08-0
Formula	$C_{20}H_{18}N_2O_3$
Use	fungicide
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	(2*S*)-*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	(2*S*)-2-[4-fluoro-3-(trifluoromethyl)phenoxy]-*N*-(phenylmethyl)butanamide

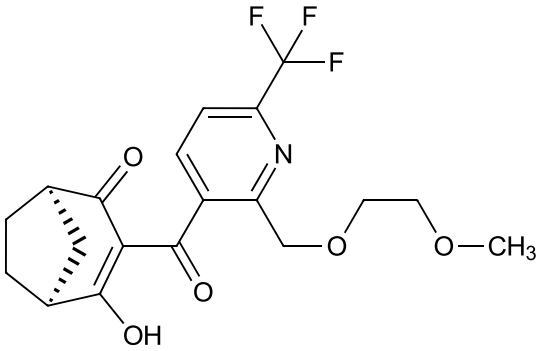
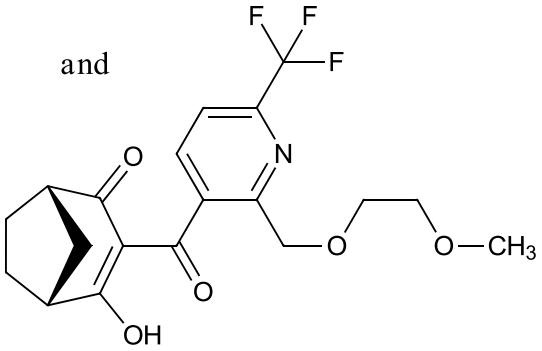
Common name	**beflubutamid-M**
Structure	
CAS Reg. No.	113614-09-8
Formula	$C_{18}H_{17}F_4NO_2$
Use	herbicide
InChIKey	FFQPZWRNXKPNPX-INIZCTEOSA-N
InChI	InChI=1S/C18H17F4NO2/c1-2-16(17(24)23-11-12-6-4-3-5-7-12)25-13-8-9-15(19)14(10-13)18(20,21)22/h3-10,16H,2,11H2,1H3,(H,23,24)/t16-/m0/s1
Notes	The unresolved enantiomeric mixture has the common name beflubutamid [113614-08-7].

Common name	**benzovindiflupyr**
IUPAC PIN	*rac-N*-[(1*R*,4*S*)-9-(dichloromethylidene)-1,2,3,4-tetrahydro-1,4-methanonaphthalen-5-yl]-3-(difluoromethyl)-1-methyl-1*H*-pyrazole-4-carboxamide
IUPAC name	*N*-[(1*RS*,4*SR*)-9-(dichloromethylene)-1,2,3,4-tetrahydro-1,4-methanonaphthalen-5-yl]-3-(difluoromethyl)-1-methyl-1*H*-pyrazole-4-carboxamide
CAS name	*N*-[9-(dichloromethylene)-1,2,3,4-tetrahydro-1,4-methanonaphthalen-5-yl]-3-(difluoromethyl)-1-methyl-1*H*-pyrazole-4-carboxamide
Structure	
CAS Reg. No.	1072957-71-1
Formula	$C_{18}H_{15}Cl_2F_2N_3O$

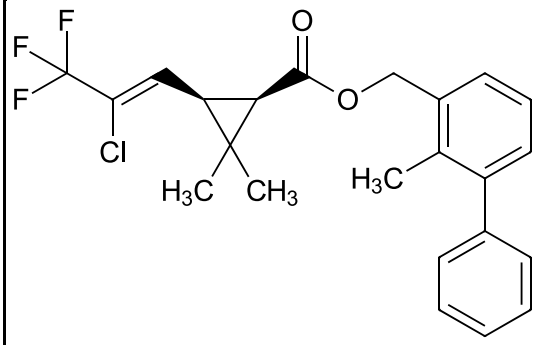
Common name	**benzovindiflupyr**
Use	fungicide
InChIKey	CCCGEKHKTPTUHJ-UHFFFAOYSA-N
InChI	InChI=1S/C18H15Cl2F2N3O/c1-25-7-11(15(24-25)17(21)22)18(26)23-12-4-2-3-8-9-5-6-10(13(8)12)14(9)16(19)20/h2-4,7,9-10,17H,5-6H2,1H3,(H,23,26)

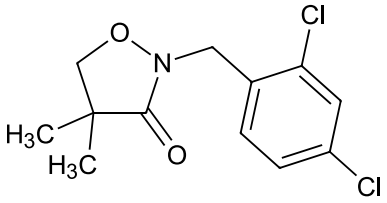
Common name	**benzpyrimoxan**
IUPAC PIN	5-(1,3-dioxan-2-yl)-4-{[4-(trifluoromethyl)phenyl]methoxy}pyrimidine
IUPAC name	5-(1,3-dioxan-2-yl)pyrimidin-4-yl 4-(trifluoromethyl)benzyl ether
CAS name	5-(1,3-dioxan-2-yl)-4-[[4-(trifluoromethyl)phenyl]methoxy]pyrimidine
Structure	
CAS Reg. No.	1449021-97-9
Formula	$C_{16}H_{15}F_3N_2O_3$
Use	insecticide
InChIKey	ZYXYTGQFPZEUFX-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	*rac*-(1*R*,5*R*)-4-hydroxy-3-{2-[(2-methoxyethoxy)methyl]-6-(trifluoromethyl)(pyridine-3-carbonyl)}bicyclo[3.2.1]oct-3-en-2-one
IUPAC name	(1*RS*,5*SR*)-4-hydroxy-3-({2-[(2-methoxyethoxy)methyl]-6-(trifluoromethyl)-3-pyridyl}carbonyl)bicyclo[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

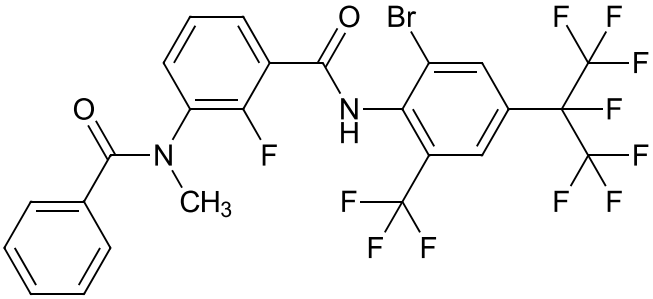
Common name	**bicyclopyrone**
Structure	 and 
CAS Reg. No.	352010-68-5
Formula	$C_{19}H_{20}F_3NO_5$
Use	herbicide
InChIKey	HUYBEDCQLAEVPD-UHFFFAOYSA-N
InChI	InChI=1S/C19H20F3NO5/c1-27-6-7-28-9-13-12(4-5-14(23-13)19(20,21)22)18(26)15-16(24)10-2-3-11(8-10)17(15)25/h4-5,10-11,24H,2-3,6-9H2,1H3

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

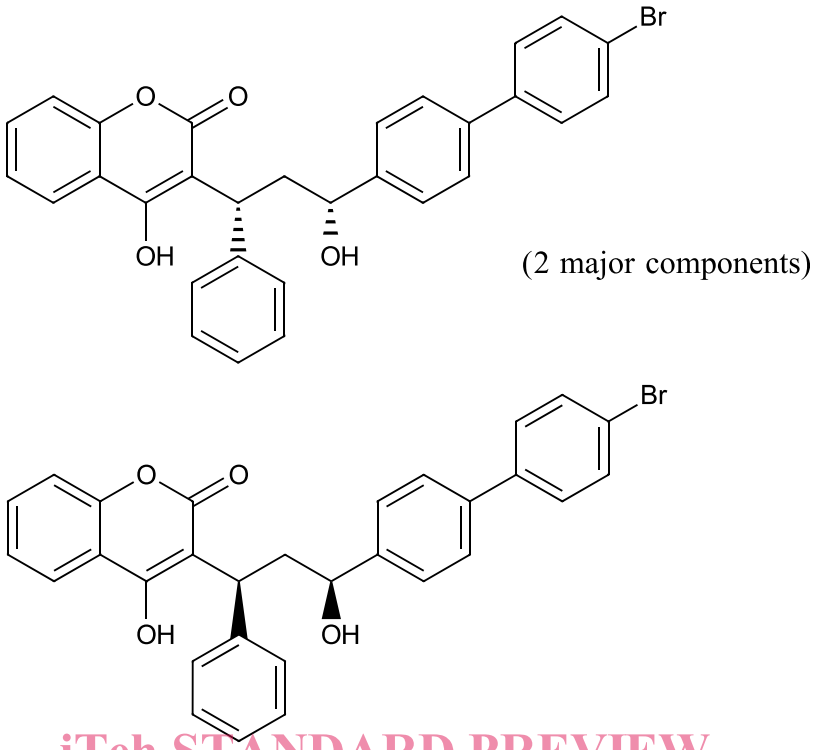
Common name	**kappa-bifenthrin**
Structure	
CAS Reg. No.	439680-76-9
Formula	$C_{23}H_{22}ClF_3O_2$
Use	insecticide
InChIKey	OMFRMAHOUUJSGP-IRHGGOMRSA-N
InChI	InChI=1S/C23H22ClF3O2/c1-14-16(10-7-11-17(14)15-8-5-4-6-9-15)13-29-21(28)20-18(22(20,2)3)12-19(24)23(25,26)27/h4-12,18,20H,13H2,1-3H3/b19-12-/t18-,20-/m0/s1
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	$C_{12}H_{13}Cl_2NO_2$
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

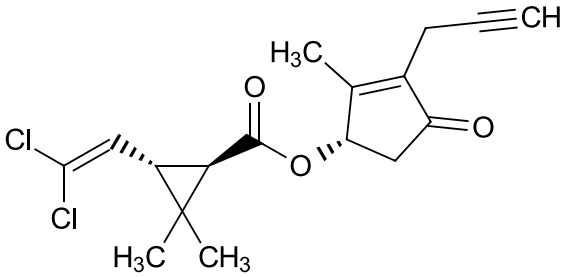
Common name	**broflanilide**
IUPAC PIN	*N*-[2-bromo-4-(1,1,1,2,3,3,3-heptafluoropropan-2-yl)-6-(trifluoromethyl)phenyl]-2-fluoro-3-(*N*-methylbenzamido)benzamide
IUPAC name	2′-bromo-2-fluoro-3-(*N*-methylbenzamido)-4′-[1,2,2,2-tetrafluoro-1-(trifluoromethyl)ethyl]-6′-(trifluoromethyl)benzanilide

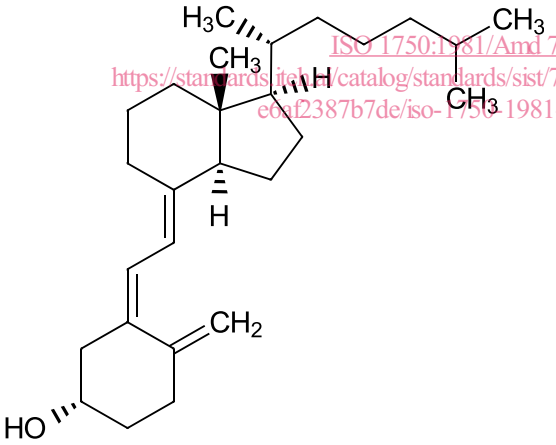
Common name	**broflanilide**
CAS name	3-(benzoylmethylamino)-*N*-[2-bromo-4-[1,2,2,2-tetrafluoro-1-(trifluoromethyl)ethyl]-6-(trifluoromethyl)phenyl]-2-fluorobenzamide
Structure	
CAS Reg. No.	1207727-04-5
Formula	$C_{25}H_{14}BrF_{11}N_2O_2$
Use	insecticide
InChIKey	QSLZKWPYTWEWHC-UHFFFAOYSA-N
InChI	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% *rac*-3-[(1*R*,3*R*)-3-(4′-bromo[1,1′-biphenyl]-4-yl)-3-hydroxy-1-phenylpropyl]-4-hydroxy-2*H*-1-benzopyran-2-one and 20–0% of the *rac*-(1*R*,3*S*)-isomers
IUPAC name	mixture of 80–100% 3-[(1*RS*,3*RS*)-3-(4′-bromobiphenyl-4-yl)-3-hydroxy-1-phenylpropyl]-4-hydroxycoumarin and 20–0% of the (1*RS*,3*SR*)-isomers
CAS name	3-[3-(4'-bromo[1,1'-biphenyl]-4-yl)-3-hydroxy-1-phenylpropyl]-4-hydroxy-2*H*-1-benzopyran-2-one

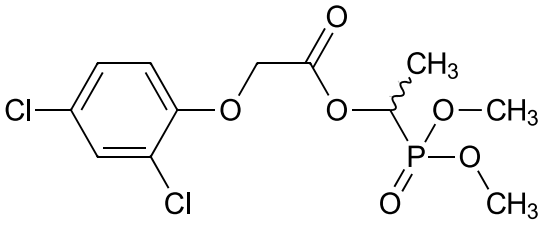
Common name	**alpha-bromadiolone**
Structure	 (2 major components)
CAS Reg. No.	28772-56-7
Formula	$C_{30}H_{23}BrO_4$
Use	rodenticide
InChIKey	LQAGAOMQXARIFO-CPBLEMPESA-N (major component)
InChI	InChI=1S/2C30H23BrO4/c2*31-23-16-14-20(15-17-23)19-10-12-22(13-11-19)26(32)18-25(21-6-2-1-3-7-21)28-29(33)24-8-4-5-9-27(24)35-30(28)34/h2*1-17,25-26,32-33H,18H2/t2*25-,26-/m10/s1 (major component)
Notes	The mixture of 80–100% (1*RS*,3*SR*)-isomers and 20–0% (1*RS*,3*RS*)-isomers has the ISO common name bromadiolone.

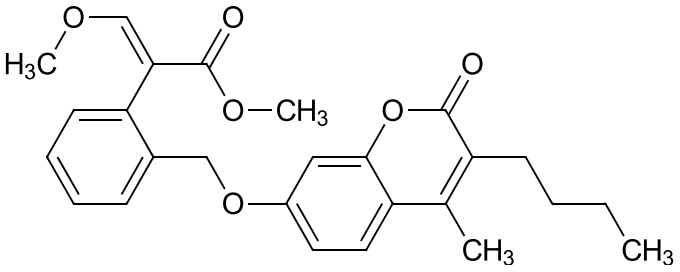
Common name	**chloroprallethrin**
IUPAC PIN	(1*S*)-2-methyl-4-oxo-3-(prop-2-yn-1-yl)cyclopent-2-en-1-yl (1*R*,3*S*)-3-(2,2-dichloroethenyl)-2,2-dimethylcyclopropane-1-carboxylate
IUPAC name	(1*S*)-2-methyl-4-oxo-3-(prop-2-ynyl)cyclopent-2-enyl (1*R*,3*S*)-3-(2,2-dichlorovinyl)-2,2-dimethylcyclopropanecarboxylate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

Common name	**chloroprallethrin**
Structure	
CAS Reg. No.	250346-55-5
Formula	$C_{17}H_{18}Cl_2O_3$
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	(5*Z*,7*E*)-(3*S*)-9,10-secocholesta-5,7,10(19)-trien-3-ol
CAS name	(1*S*,3*Z*)-3-[(2*E*)-2-[(1*R*,3a*S*,7a*R*)-1-[(1*R*)-1,5-dimethylhexyl]octahydro-7a-methyl-4*H*-inden-4-ylidene]ethylidene]-4-methylenecyclohexanol
Structure	
CAS Reg. No.	67-97-0
Formula	$C_{27}H_{44}O$
Use	rodenticide
InChIKey	QYSXJUFSXHHAJI-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	*rac*-(1*R*)-1-(dimethoxyphosphoryl)ethyl (2,4-dichlorophenoxy)acetate

Common name	**clacyfos**
IUPAC name	(1*RS*)-1-(dimethoxyphosphinoyl)ethyl (2,4-dichlorophenoxy)acetate
CAS name	1-(dimethoxyphosphinyl)ethyl 2-(2,4-dichlorophenoxy)acetate
Structure	
CAS Reg. No.	215655-76-8
Formula	$C_{12}H_{15}Cl_2O_6P$
Use	herbicide
InChIKey	UUHXXNQVWVFJLW-UHFFFAOYSA-N
InChI	InChI=1S/C12H15Cl2O6P/c1-8(21(16,17-2)18-3)20-12(15)7-19-11-5-4-9(13)6-10(11)14/h4-6,8H,7H2,1-3H3
Notes	The parent acid has the common name 2,4-D [94-75-7].

Common name	**coumoxystrobin**
IUPAC PIN	methyl (2*E*)-2-(2-{[(3-butyl-4-methyl-2-oxo-2*H*-1-benzopyran-7-yl)oxy]methyl}phenyl)-3-methoxyprop-2-enoate
IUPAC name	methyl (2*E*)-2-(2-{[(3-butyl-4-methyl-2-oxo-2*H*-chromen-7-yl)oxy]methyl}phenyl)-3-methoxyacrylate
CAS name	methyl (α*E*)-2-[[(3-butyl-4-methyl-2-oxo-2*H*-1-benzopyran-7-yl)oxy]methyl]-α-(methoxymethylene)benzeneacetate
Structure	
CAS Reg. No.	850881-70-8
Formula	$C_{26}H_{28}O_6$
Use	fungicide
InChIKey	CWVRPJSBNHNJSI-XQNSMLJCSA-N
InChI	InChI=1S/C26H28O6/c1-5-6-10-21-17(2)20-13-12-19(14-24(20)32-26(21)28)31-15-18-9-7-8-11-22(18)23(16-29-3)25(27)30-4/h7-9,11-14,16H,5-6,10,15H2,1-4H3/b23-16+

Common name	**cyantraniliprole**
IUPAC PIN	3-bromo-1-(3-chloropyridin-2-yl)-*N*-[4-cyano-2-methyl-6-(methylcarbamoyl)phenyl]-1*H*-pyrazole-5-carboxamide