

Pesticide Standards

2018-2019 Supplement



AccuStandard®

Over
50 new pesticides
including 14 sodium
salt degradates

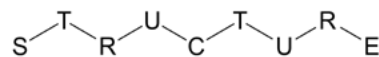
Custom pesticide
formulations can be prepared for
residue screening and
other applications.

Contact us for Synthesis of Rare
Pesticides and Metabolites

Product Information

Pesticide Name

Chemical Name



Common Names
(Synonyms and/or Common Names)

CAS Chemical Abstract Service

MF Molecular Formula **MW** Molecular Weight

PS Physical State (Solid, Liquid)

SG Specific Gravity (g/cm³) **MP** Melting Point (°C)

BP Boiling Point (°C)

FP Flash Point (°C) **SOL** Solubility

Solubility Key (SOL)

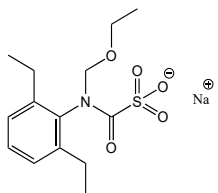
A	Acetone
CN	Acetonitrile (AcCN)
D	Dichloromethane
DMSO	Dimethyl sulfoxide
EA	Ethyl acetate
H	Hexane
IPA	Isopropanol
M	Methanol
MC	Methyl cellosolve
P	Phosphoric acid
T	Toluene
TP	Isooctane
W	Water

Information, such as physical properties, is provided for reference only. AccuStandard makes no warranty, representation, or guarantee as to the content, accuracy, or completeness of this data.



Acetochlor ESA sodium salt

Sodium 2-[(ethoxymethyl)(2-ethyl-6-methylphenyl)amino]-2-oxo-ethanesulfonate

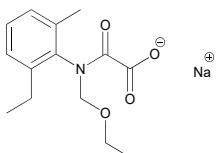


CAS 187022-11-3 **MF** C₁₃H₁₈NNaO₅S **MW** 323
PS S **SOL** A,CN,M

Matrix	Cat. No.	Unit
100 µg/mL in MeOH	P-911S	1 mL

Acetochlor OA sodium salt

Sodium [(ethoxymethyl)(2-ethyl-6-methylphenyl)amino]-oxo-acetate

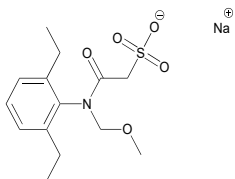


CAS N/A **MF** C₁₄H₂₀NNaO₅S **MW** 337.37 **SOL** M

Matrix	Cat. No.	Unit
100 µg/mL in MeOH	P-912S	1 mL

Alachlor ESA sodium salt

Sodium 2-[(2,6-diethylphenyl)(methoxymethyl)amino]-2-oxo-ethanesulfonate

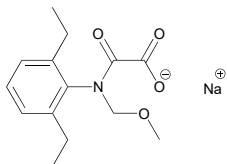


CAS 140939-15-7 **MF** C₁₄H₂₀NNaO₅S **PS** S
MW 337.37 **SOL** A,M,CN

Matrix	Cat. No.	Unit
100 µg/mL in MeOH	P-909S	1 mL

Alachlor OA sodium salt

Sodium [(2,6-diethylphenyl)(methoxymethyl)amino]-oxo-acetate

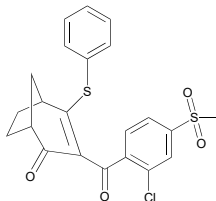


CAS N/A **MF** C₁₄H₁₈NO₄Na **MW** 287 **PS** S
MP 215 °C **SOL** M

Matrix	Cat. No.	Unit
100 µg/mL in MeOH	P-910S	1 mL

Benzobicyclon

3-(2-Chloro-4-mesybenzoyl)-2-phenylthiobicyclo[3.2.1]oct-2-en-4-one

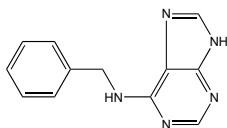


CAS 156963-66-5 **MF** C₂₂H₁₉ClO₄S₂ **MW** 446.96
PS S **SG** 1.45 g/cm³ **MP** 187 °C **SOL** CN

Matrix	Cat. No.	Unit
100 µg/mL in AcCN	P-1099S-CN	1 mL
1000 µg/mL in AcCN	P-1099S-CN-10X	1 mL

Benzyladenine

6-Benzylaminopurine

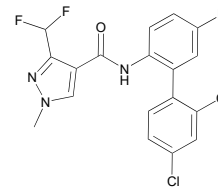


CAS 1214-39-7 **MF** C₁₂H₁₁N₅ **MW** 225.25 **PS** S
MP 230-233 °C **SOL** CN,M

Matrix	Cat. No.	Unit
NEAT	P-901N	10 mg

Bixafen

N-(3',4'-Dichloro-5-fluorobiphenyl-2-yl)-3-(difluoromethyl)-1-methylpyrazole-4-carboxamide

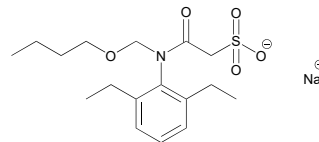


CAS 581809-46-3 **MF** C₁₈H₁₂Cl₂F₃N₃O **MW** 414.21
PS S **MP** 147 °C **BP** decomp. 250 °C
SOL A,CN,M

Matrix	Cat. No.	Unit
100 µg/mL in AcCN	P-1186S-CN	1 mL
1000 µg/mL in AcCN	P-1186S-CN-10X	1 mL

Butachlor ESA sodium salt

Sodium 2-[(2,6-diethylphenyl)(butoxymethyl)amino]-2-oxo-ethanesulfonate

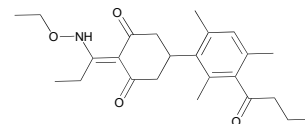


CAS N/A **MF** C₁₇H₂₆NNaO₅S **MW** 379 **PS** S
SOL CN,M

Matrix	Cat. No.	Unit
100 µg/mL in MeOH	P-913S	1 mL

Butoxydim

2-[1-(Ethoxyimino)propyl]-3-hydroxy-5-[2,4,6-trimethyl-3-(1-oxobutyl)phenyl]-2-cyclohexen-1-one



CAS 138164-12-2 **MF** C₂₄H₃₃NO₄ **MW** 399.53
PS S **SG** 1.2 g/cm³ **MP** 81 °C **SOL** M

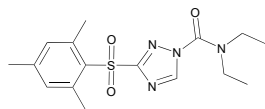
Matrix	Cat. No.	Unit
100 µg/mL in MeOH	P-1394S	1 mL



Pesticide Standards

Cafenstrole

N,N-Diethyl-3-mesitylsulfonyl-1H-1,2,4-triazole-1-carboxamide

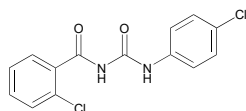


CAS 125306-83-4 **MF** C₁₆H₂₂N₄O₃S **MW** 350.44
PS S **SG** 1.30 g/cm³ **MP** 115 °C **SOL** A,CN

Matrix	Cat. No.	Unit
100 µg/mL in AcCN	P-1214S-CN	1 mL
1000 µg/mL in AcCN	P-1214S-CN-10X	1 mL

Chlorobenzuron

2-Chloro-N-[(4-chlorophenyl)carbamoyl]benzamide

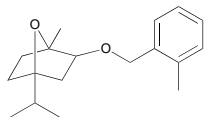


CAS 57160-47-1 **MF** C₁₄H₁₀N₂Cl₂O₂ **MW** 309.15
PS S **SOL** A,CN,M

Matrix	Cat. No.	Unit
100 µg/mL in AcCN	P-1163S-CN	1 mL
1000 µg/mL in AcCN	P-1163S-CN-10X	1 mL

Cinmethylin

exo-1-Methyl-4-(1-methylethyl)-2-[(2-methylphenyl)methoxy]-7-oxabicyclo[2.2.1]heptane

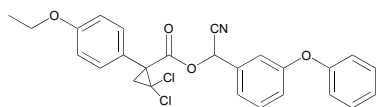


CAS 87818-31-3 **MF** C₁₈H₂₆O₂ **MW** 274.4 **PS** L
SG 1.01 g/cm³ **BP** decomp. 145 °C **FP** 147 °C
SOL A,CN

Matrix	Cat. No.	Unit
100 µg/mL in AcCN	P-1157S-CN	1 mL
1000 µg/mL in AcCN	P-1157S-CN-10X	1 mL

Cycloprothrin

(RS)-α-Cyano-3-phenoxybenzyl (RS)-2,2-dichloro-1-(4-ethoxyphenyl)cyclopropanecarboxylate

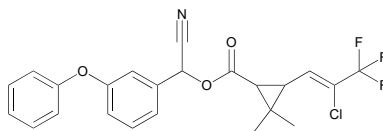


CAS 63935-38-6 **MF** C₂₆H₂₇Cl₂NO₃ **MW** 482.36
PS L or S **SG** 1.26 g/cm³ **MP** 25 °C
BP 140-145 °C/0.001 mm Hg **SOL** CN

Matrix	Cat. No.	Unit
100 µg/mL in AcCN	P-1205S-CN	1 mL
1000 µg/mL in AcCN	P-1205S-CN-10X	1 mL

Cyhalothrin

Cyano(3-phenoxyphenyl)methyl 3-[(1Z)-2-chloro-3,3,3-trifluoro-1-propen-1-yl]-2,2-dimethylcyclopropanecarboxylate

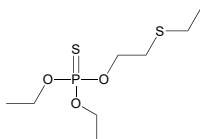


CAS 68085-85-8 **MF** C₂₃H₁₉ClF₃NO₃ **MW** 449.85
PS L **SG** 1.25 g/cm³ **BP** 187-190 °C/0.2 mm Hg
FP >100 °C **SOL** A,CN,D,EA,H,M,T

Matrix	Cat. No.	Unit
100 µg/mL in Acetone	P-1118S-A	1 mL
1000 µg/mL in Acetone	P-1118S-A-10X	1 mL

O-Demeton

O,O-Diethyl O-(2-(ethylthio)ethyl)phosphorothionate

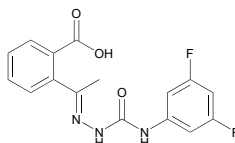


CAS 298-03-3 **MF** C₈H₁₉O₃S₂P **MW** 258.34 **PS** L
SG 1.12 g/cm³ **BP** 134 °C/2 mm Hg **FP** 45 cc
SOL A,CN,D,H,M

Matrix	Cat. No.	Unit
100 µg/mL in AcCN	P-1033S-CN	1 mL
1000 µg/mL in AcCN	P-1033S-CN-10X	1 mL

Diflufenzopyr

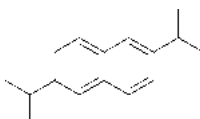
2-[(EZ)-1-[4-(3,5-difluorophenyl)semicarbazono]ethyl]nicotinic acid



CAS 109293-97-2 **MF** C₁₅H₁₂F₂N₄O₃ **MW** 334.28
PS S **SG** 0.24 g/cm³ **MP** 136 °C
BP decomp. 155 °C **SOL** CN,M

Matrix	Cat. No.	Unit
NEAT	P-1210N	10 mg

2,6-Diisopropyl naphthalene

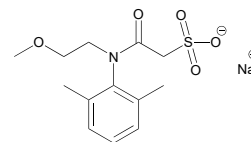


CAS 24157-81-1 **MF** C₁₆H₂₀ **MW** 212.34 **PS** S
SG 0.49 g/cm³ **MP** 67-69 °C **SOL** A

Matrix	Cat. No.	Unit
100 µg/mL in Acetone	P-1291S-A	1 mL
1000 µg/mL in Acetone	P-1291S-A-10X	1 mL

Dimethachlor ESA sodium salt

Sodium 2-[(2,6-dimethylphenyl)(2-methoxyethyl)amino]-2-oxo-ethanesulfonate

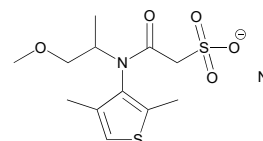


CAS N/A **MF** C₁₃H₁₈NNaO₅S **MW** 323.34 **SOL** A,M

Matrix	Cat. No.	Unit
100 µg/mL in MeOH	P-914S	1 mL

Dimethenamid ESA sodium salt

Sodium 2-[(2,4-dimethylthiophen-3-yl)(2-methoxy-1-methylethyl)amino]-2-oxo-ethanesulfonate

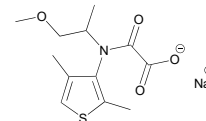


CAS 205939-58-8 **MF** C₁₃H₁₈NNaO₅S₂ **MW** 366.5
PS S **MP** 150-153 °C **SOL** CN,M

Matrix	Cat. No.	Unit
100 µg/mL in MeOH	P-917S	1 mL

Dimethenamid OA sodium salt

Sodium [(2,4-dimethylthiophen-3-yl)(2-methoxy-1-methylethyl)amino]-oxo-acetate



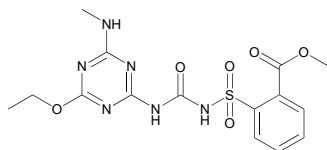
CAS N/A **MF** C₁₂H₁₆NO₄Na **MW** 293 **PS** S
MP 225 °C **SOL** CN,M

Matrix	Cat. No.	Unit
100 µg/mL in MeOH	P-918S	1 mL



Ethametsulfuron-methyl

Methyl 2-[[4-(ethoxy-6-methylamino-1,3,5-triazin-2-yl) carbamoylsulfamoyl]benzoate

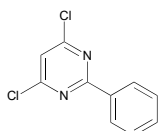


CAS 97780-06-8 **MF** C₁₅H₁₈N₆O₆S **MW** 410.41
PS S **SG** 1.60 g/cm³ **MP** 197 °C **BP** 317 °C
SOL A,CN,M

Matrix	Cat. No.	Unit
100 µg/mL in AcCN	P-1098S-CN	1 mL
1000 µg/mL in AcCN	P-1098S-CN-10X	1 mL

Fenclorim

4,6-Dichloro-2-phenylpyrimidine

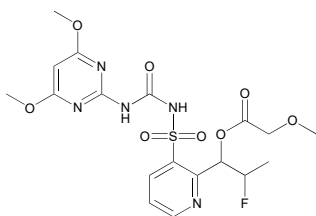


CAS 3740-92-9 **MF** C₁₀H₆Cl₂N₂ **MW** 225.07 **PS** S
SG 1.5 g/cm³ **MP** 97 °C **BP** decomp. 400 °C **SOL** M

Matrix	Cat. No.	Unit
100 µg/mL in MeOH	P-1293S	1 mL
1000 µg/mL in MeOH	P-1293S-10X	1 mL

Flucetosulfuron

1-{3-[(4,6-Dimethoxypyrimidin-2-ylcarbamoyl) sulfamoyl]-2-pyridyl}-2-fluoropropyl methoxyacetate

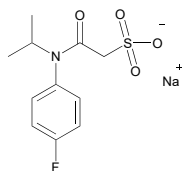


CAS 412928-75-7 **MF** C₁₈H₂₂FN₅O₈S **MW** 487.46
PS S **MP** 176 °C decomp. **SOL** A,N,M,CN,M

Matrix	Cat. No.	Unit
100 µg/mL in AcCN	P-1218S-CN	1 mL
1000 µg/mL in AcCN	P-1218S-CN-10X	1 mL

Flufenacet ESA sodium salt

Sodium 2-[(4-fluorophenyl)(1-methylethyl)amino]-2-oxo-ethanesulfonate

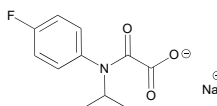


CAS 947601-87-8 **MF** C₁₁H₁₃FN₂SO₃Na **MW** 297
PS S **MP** 151-152 °C **SOL** A,CN,M

Matrix	Cat. No.	Unit
100 µg/mL in MeOH	P-920S	1 mL

Flufenacet OA sodium salt

Sodium [(4-fluorophenyl)(1-methylethyl)amino]-oxo-acetate

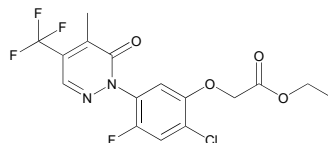


CAS N/A **MF** C₁₁H₁₂NNaO₃ **MW** 247 **PS** S
MP 230-232 °C **SOL** M

Matrix	Cat. No.	Unit
100 µg/mL in MeOH	P-922S	1 mL

Flufenpyr-ethyl

Ethyl 2-chloro-5-[1,6-dihydro-5-methyl-6-oxo-4-(trifluoromethyl)pyridazin-1-yl]-4-fluorophenoxyacetate

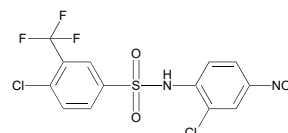


CAS 188489-07-8 **MF** C₁₆H₁₃ClF₄N₂O₄ **MW** 408.73
PS S **MP** 100 °C **SOL** A,CN

Matrix	Cat. No.	Unit
100 µg/mL in AcCN	P-1160S-CN	1 mL
1000 µg/mL in AcCN	P-1160S-CN-10X	1 mL

Flusulfamide

4-Chloro-N-(2-chloro-4-nitrophenyl)-3-(trifluoromethyl) benzenesulfonamide

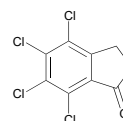


CAS 106917-52-6 **MF** C₁₃H₇Cl₂F₃N₂O₃S
MW 415.17 **PS** S **SG** 1.75 g/cm³ **MP** 170-171 °C
BP decomp. 250 °C **SOL** CN,M

Matrix	Cat. No.	Unit
100 µg/mL in AcCN	P-1088S-CN	1 mL
1000 µg/mL in AcCN	P-1088S-CN-10X	1 mL

Fthalide

4,5,6,7-Tetrachlorophthalide

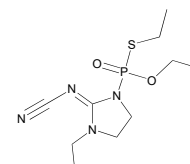


CAS 27355-22-2 **MF** C₈H₂Cl₄O₂ **MW** 271.9 **PS** S
SG 1.77 g/cm³ **MP** 210 °C **SOL** A,CN,M

Matrix	Cat. No.	Unit
100 µg/mL in Acetone	P-1128S-A	1 mL
1000 µg/mL in Acetone	P-1128S-A-10X	1 mL

Imicyafos

O-Ethyl S-propyl (E)-[2-(Cyanoimino)-3-ethylimidazolidin-1-yl]phosphonothioate



CAS 140163-89-9 **MF** C₁₁H₂₁N₄O₃PS **MW** 304.35
PS L **BP** 392 °C **FP** 191 °C **SOL** CN,M

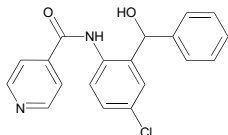
Matrix	Cat. No.	Unit
100 µg/mL in AcCN	P-1215S-CN	1 mL
1000 µg/mL in AcCN	P-1215S-CN-10X	1 mL



Pesticide Standards

Inabenzide

4'-Chloro-2'-(alpha-hydroxybenzyl)isonicotinamide

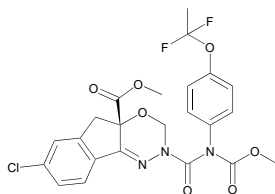


CAS 82211-24-3 MF C₁₉H₁₅ClN₂O₂ MW 338.79
PS S MP 211 °C SOL A,CN,N,M

Matrix	Cat. No.	Unit
100 µg/mL in A/AcCN	P-1219S-A-CN	1 mL
1000 µg/mL in A/AcCN	P-1219S-A-CN-10X	1 mL

S-Indoxacarb

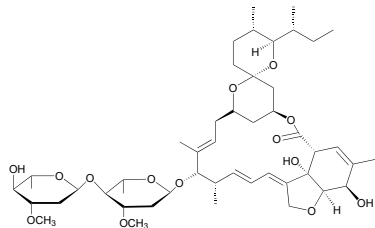
Methyl (S)-N-[7-chloro-2,3,4a,5-tetrahydro-4a-(methoxycarbonyl)indeno[1,2-e][1,3,4]oxadiazin-2-ylcarbonyl]-4'-(trifluoromethoxy)carbanilate



CAS 173584-44-6 MF C₂₂H₁₇ClF₃N₃O₇ MW 527.84
PS S SG 1.44 g/cm³ MP 88 °C
BP decomp. 235 °C SOL A,CN,M,T

Matrix	Cat. No.	Unit
100 µg/mL in Acetone	P-1233S-A	1 mL
1000 µg/mL in Acetone	P-1233S-A-10X	1 mL

Ivermectin

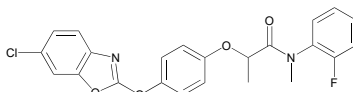


CAS 70288-86-7 MF C₄₈H₇₄O₁₄ MW 875.11 PS S
MP 155 °C SOL A,CN,M

Matrix	Cat. No.	Unit
100 µg/mL in AcCN	P-1084S-CN	1 mL
1000 µg/mL in AcCN	P-1084S-CN-10X	1 mL

Metamifop

(2R)-2-{4-[(6-Chloro-1,3-benzoxazol-2-yl)oxy]phenoxy}-N-(2-fluorophenyl)-N-methylpropanamide

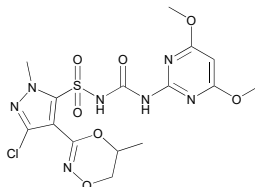


CAS 256412-89-2 MF C₂₃H₁₈ClFN₂O₄ MW 440.86
PS S SG 1.39 g/cm³ MP 78 °C BP decomp.
SOL A,CN,M

Matrix	Cat. No.	Unit
100 µg/mL in AcCN	P-1114S-CN	1 mL
1000 µg/mL in AcCN	P-1114S-CN-10X	1 mL

Metazosulfuron

1-[3-Chloro-1-methyl-4-[(5RS)-5,6-dihydro-5-methyl-1,4,2-dioxazin-3-yl]pyrazol-5-ylsulfonyl]-3-(4,6-dimethoxy-pyrimidin-2-yl)urea

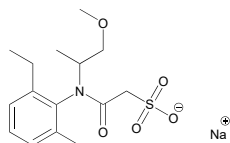


CAS 868680-84-6 MF C₁₅H₁₈ClN₇O₇S MW 475.86
PS S SG 1.72 g/cm³ MP 185 °C decomp. SOL CN

Matrix	Cat. No.	Unit
100 µg/mL in AcCN	P-1220S-CN	1 mL
1000 µg/mL in AcCN	P-1220S-CN-10X	1 mL

Metolachlor ESA sodium salt

Sodium 2-[(2-ethyl-6-methylphenyl)(2-methoxy-1-methylethyl)amino]-2-oxo-ethanesulfonate

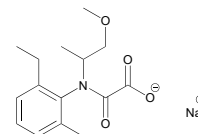


CAS 947601-85-6 MF C₁₅H₂₂NNaO₅S MW 351.39
PS S SOL A,CN,M

Matrix	Cat. No.	Unit
100 µg/mL in MeOH	P-915S	1 mL

Metolachlor OA sodium salt

Sodium [(2-ethyl-6-methylphenyl)(2-methoxy-1-methylethyl)amino]-oxo-acetate

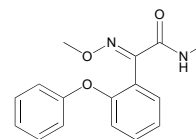


CAS N/A MF C₁₅H₂₀NO₄Na MW 301 PS S
MP 162 °C SOL CN,M

Matrix	Cat. No.	Unit
100 µg/mL in MeOH	P-916S	1 mL

(E)-Metominostrobin

(E)-2-(Methoxyimino)-N-methyl-2-(2-phenoxyphenyl)acetamide

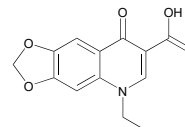


CAS 133408-50-1 MF C₁₆H₁₆N₂O₃ MW 284.32
PS S MP 86-90 °C °C SOL CN,EA

Matrix	Cat. No.	Unit
100 µg/mL in AcCN	P-1164S-CN	1 mL
1000 µg/mL in AcCN	P-1164S-CN-10X	1 mL

Oxolinic acid

5,8-Dihydro-5-ethyl-8-oxo-1,3-dioxolo[4,5-g]quinoline-7-carboxylic acid

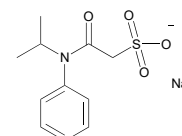


CAS 14698-29-4 MF C₁₃H₁₁NO₅ MW 261.23 PS S
SG 1.55 g/cm³ MP 314-316 °C BP 473 °C
FP >110 °C SOL CN

Matrix	Cat. No.	Unit
NEAT	P-1204N	10 mg
100 µg/mL in AcCN	P-1204S-CN	1 mL

Propachlor ESA sodium salt

Sodium 2-[(1-methylethyl)-phenylamino]-2-oxo-ethanesulfonate



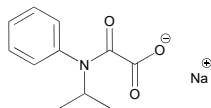
CAS 947601-88-9 MF C₁₁H₁₄NSO₄Na MW 297 °C
PS S MP 224-226 °C SOL A,CN,M

Matrix	Cat. No.	Unit
100 µg/mL in MeOH	P-919S	1 mL



Propachlor OA sodium salt

Sodium [(1-methylethyl)-phenylamino]-oxo-acetate

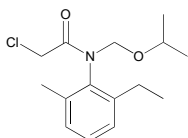


CAS N/A **MF** C₁₁H₁₂NNaO₃ **MW** 229 **PS** S
MP 260-264 °C **SOL** CN,M

Matrix	Cat. No.	Unit
100 µg/mL in MeOH	P-921S	1 mL

Propisochlor

2-Chloro-N-(2-ethyl-6-methylphenyl)-N-((1-methylethoxy)methyl)acetamide

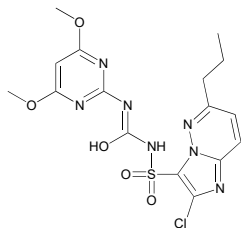


CAS 86763-47-5 **MF** C₁₅H₂₂ClNO₂ **MW** 283.8 **PS** L
SG 1.09 g/cm³ **MP** 22 °C **BP** decomp. 150 °C
SOL CN

Matrix	Cat. No.	Unit
100 µg/mL in AcCN	P-1158S-CN	1 mL
1000 µg/mL in AcCN	P-1158S-CN-10X	1 mL

Propyrisulfuron

1-(2-Chloro-6-propylimidazo[1,2-b]pyridazin-3-ylsulfonyl)-3-(4,6-dimethoxypyrimidin-2-yl)urea

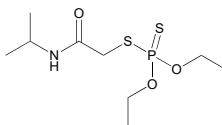


CAS 570415-88-2 **MF** C₁₆H₁₈ClN₅O₅ **MW** 455.87
PS S **MP** 200 °C decomp. **SOL** CN

Matrix	Cat. No.	Unit
100 µg/mL in AcCN	P-1166S-CN	1 mL
1000 µg/mL in AcCN	P-1166-CN-10X	1 mL

Prothoate

O,O-Diethyl S-[2-(isopropylamino)-2-oxoethyl] phosphorodithioate

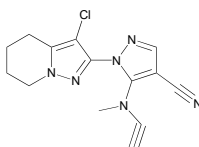


CAS 2275-18-5 **MF** C₁₂H₂₀NO₃PS₂ **MW** 285.36
PS L **SG** 1.151 g/cm³ **SOL** A,CN,M,T

Matrix	Cat. No.	Unit
100 µg/mL in MeOH	P-657S	1 mL

Pyraclonil

1-(3-Chloro-4,5,6,7-tetrahydropyrazolo[1,5-a]pyridin-2-yl)-5-[methyl(prop-2-ynyl)amino]pyrazole-4-carbonitrile

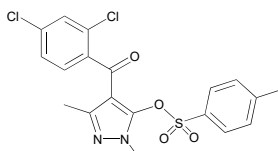


CAS 158353-15-2 **MF** C₁₅H₁₅ClN₆ **MW** 314.78
PS S **SG** 1.325 g/cm³ **MP** 93-95 °C **FP** 110 cc
SOL CN

Matrix	Cat. No.	Unit
100 µg/mL in AcCN	P-1167S-CN	1 mL
1000 µg/mL in AcCN	P-1167S-CN-10X	1 mL

Pyrazolate

(2,4-Dichlorophenyl)[1,3-dimethyl-5-[[[(4-methylphenyl)sulfonyl]oxy]-1H-pyrazol-4-yl]methanone

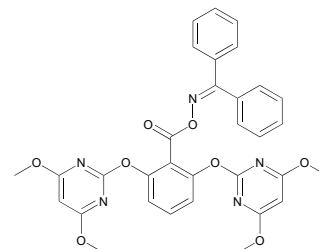


CAS 58011-68-0 **MF** C₁₉H₁₆Cl₂N₂O₄S **MW** 439.31
PS S **SG** 1.47 g/cm³ **MP** 118 °C **SOL** CN,M,T

Matrix	Cat. No.	Unit
100 µg/mL in AcCN	P-1209S-CN	1 mL
1000 µg/mL in AcCN	P-1209S-CN-10X	1 mL

Pyribenzoxim

Benzophenone O-[2,6-bis(4,6-dimethoxypyrimidin-2-yloxy)benzoyl]oxime

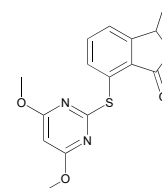


CAS 168088-61-7 **MF** C₂₂H₂₇N₅O₈ **MW** 609.6 **PS** S
SG 1.3 g/cm³ **MP** 129 °C **BP** 811 °C **FP** 444 °C
SOL CN

Matrix	Cat. No.	Unit
100 µg/mL in AcCN	P-1116S-CN	1 mL
1000 µg/mL in AcCN	P-1116S-CN-10X	1 mL

Pyrifitalid

7-(4,6-Dimethoxypyrimidin-2-ylthio)-3-methylisobenzofuran-1(3H)-one

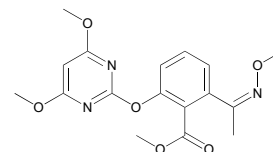


CAS 135186-78-6 **MF** C₁₅H₁₄N₂O₄S **MW** 318.35
PS S **SG** 1.44 g/cm³ **MP** 163 °C **SOL** CN

Matrix	Cat. No.	Unit
100 µg/mL in AcCN	P-1212S-CN	1 mL
1000 µg/mL in AcCN	P-1212S-CN-10X	1 mL

(Z)-Pyriminobac-methyl

Methyl (Z)-2-[(4,6-dimethoxypyrimidin-2-yl)oxy]-6-[1-(N-methoxyimino)ethyl]benzoate



CAS 147411-70-9 **MF** C₁₇H₁₉N₃O₆ **MW** 361.35
PS S **MP** 68-74 °C **SOL** A,CN,M

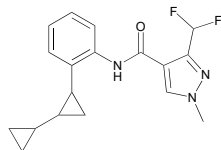
Matrix	Cat. No.	Unit
100 µg/mL in MeOH	P-1111S	1 mL
1000 µg/mL in MeOH	P-1111S-10X	1 mL



Pesticide Standards

Sedaxane

N-(2-(1,1'-Bicyclopropyl)-2-ylphenyl)-3-(difluoromethyl)-1-methyl-1H-pyrazole-4-carboxamide

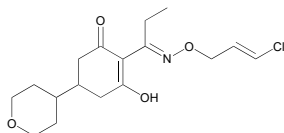


CAS 874967-67-6 **MF** C₁₈H₁₉F₂N₃O **MW** 331.4
PS S MP 121 °C **BP** decomp. 270 °C **SOL** M

Matrix	Cat. No.	Unit
100 µg/mL in MeOH	P-1312S	1 mL

Tepraloxidim

(5RS)-2-((EZ)-1-((2E)-3-Chloroallyloxyimino)propyl)-3-hydroxy-5-perhydropyran-4-ylcyclohex-2-en-1-one

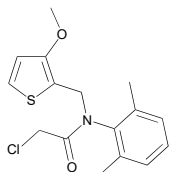


CAS 149979-41-9 **MF** C₁₇H₂₄ClNO₄ **MW** 341.83
PS S SG 1.28 g/cm³ **MP** 74 °C **BP** >185 °C
SOL A,CN,M

Matrix	Cat. No.	Unit
100 µg/mL in AcCN	P-1011S-CN	1 mL
1000 µg/mL in AcCN	P-1011S-CN-10X	1 mL

Thenylchlor

2-Chloro-N-(3-methoxy-2-thenyl)-2',6'-dimethylacetanilide

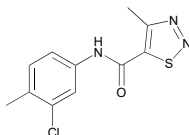


CAS 96491-05-3 **MF** C₁₆H₁₈ClNO₂S **MW** 323.84
PS S SG 1.19 g/cm³ **MP** 73 °C **BP** 174 °C
FP 224 °C **SOL** A,CN,H,M

Matrix	Cat. No.	Unit
100 µg/mL in AcCN	P-1194S-CN	1 mL
1000 µg/mL in AcCN	P-1194S-CN-10X	1 mL

Tiadinil

N-(3-Chloro-4-methylphenyl)-4-methyl-1,2,3-thiadiazole-5-carboxamide

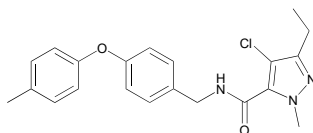


CAS 223580-51-6 **MF** C₁₁H₁₀ClN₃OS **MW** 267.73
PS S MP 112 °C **SOL** CN,M

Matrix	Cat. No.	Unit
100 µg/mL in AcCN	P-1112S-CN	1 mL
1000 µg/mL in AcCN	P-1112S-CN-10X	1 mL

Tolfenpyrad

4-Chloro-3-ethyl-1-methyl-N-[4-(p-tolyloxy)benzyl]pyrazole-5-carboxamide

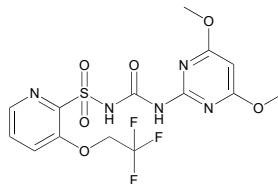


CAS 129558-76-5 **MF** C₂₁H₂₂ClN₃O₂ **MW** 383.88
PS S MP 87-89 °C **SOL** A,CN,M

Matrix	Cat. No.	Unit
NEAT	P-1097N	10 mg
100 µg/mL in AcCN	P-1097S-CN-10X	1 mL

Trifloxysulfuron

1-(4,6-Dimethoxypyrimidin-2-yl)-3-[3-(2,2,2-trifluoroethoxy)-2-pyridylsulfonyl]urea

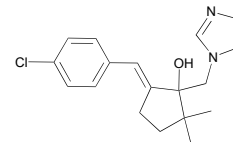


CAS 145099-21-4 **MF** C₁₄H₁₄F₃N₅O₆S **MW** 437.35
PS S MP 137 °C decomp. **SOL** CN

Matrix	Cat. No.	Unit
100 µg/mL in AcCN	P-1169S-CN	1 mL
1000 µg/mL in AcCN	P-1169S-CN-10X	1 mL

Triticonazole

(RS)-(E)-5-(4-Chlorobenzylidene)-2,2-dimethyl-1-(1H-1,2,4-triazol-1-ylmethyl)cyclopentanol

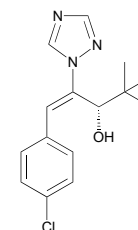


CAS 131983-72-7 **MF** C₁₇H₂₀ClN₃O **MW** 317.82
PS S SG 1.326 g/cm³ **MP** 139-141 °C
SOL A,CN,EA,M,TP

Matrix	Cat. No.	Unit
100 µg/mL in AcCN	P-868S-CN	1 mL
1000 µg/mL in AcCN	P-868S-CN-10X	1 mL

Uniconazole-P

(1E,3S)-1-(4-Chlorophenyl)-4,4-dimethyl-2-(1H-1,2,4-triazol-1-yl)-1-penten-3-ol



CAS 83657-17-4 **MF** C₁₅H₁₈ClN₃O **MW** 291.78
PS S SG 1.28 g/cm³ **MP** 152-156 °C **BP** 475 °C
FP 195 °C **SOL** A,CN,M

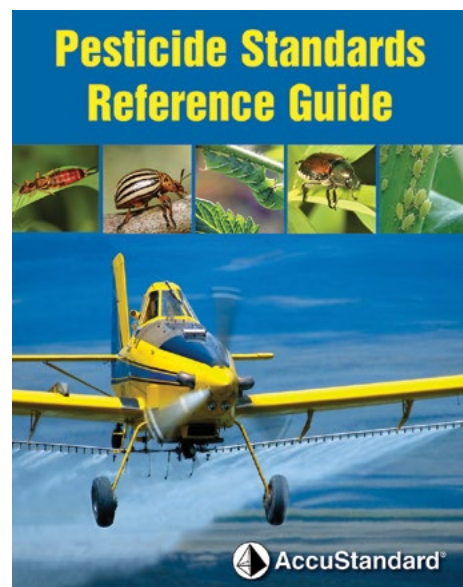
Matrix	Cat. No.	Unit
100 µg/mL in AcCN	P-1113S-CN	1 mL
1000 µg/mL in AcCN	P-1113S-CN-10X	1 mL

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Purchasing Neat Standards

Small amounts (5-10 mg) of powder often are spread over the surface of the vial and cap. If the chemical is a liquid it may coat the walls as a thin layer invisible to the eye. To recover all of the contents contained in a vial of neat material please use the procedure described below:

1. Wipe the outside of the vial containing the Standard clean and dry (including the cap).
2. Weigh the entire unit on an analytical balance. Record the weight to the nearest 0.1 mg.
3. Carefully transfer the contents to a volumetric flask using a suitable solvent. Rinse the cap and vial several times to assure a complete transfer.
4. Dry inside and outside of the vial and cap with mild heat or inert gas.
5. Weigh the empty dry vial on the same analytical balance to the nearest 0.1 mg. Calculate the difference to determine the amount of material transferred.



EXACT WEIGHT for Neat Pesticides

Listed Catalog neat products are overfilled approximately 10%, however, pesticides can be provided with **EXACT WEIGHT**. Specify EXACT WEIGHT by ordering **X-WT** and the exact weight will be noted on the product label. There is an additional charge for this service. Rinse the pesticide out of the vial with the appropriate amount of solvent to get a weight/volume standard and calculate the concentration.



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