

Supplement to Pesticide Guide

(Over 130 Additional Pesticides) Apr 2014

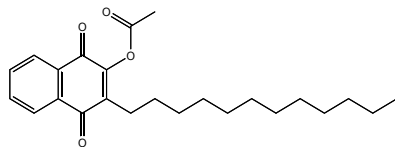


AccuStandard®



Supplement to Pesticide Guide (130 Additional Pesticides)

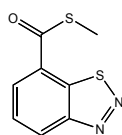
Acequinocyl



CAS 57960-19-7 **MF** C₂₄H₃₂O₄ **MW** 384.51
PS S **SOL** MeOH **SG** 1.13 g/cm³ **MP** 59-60 °C
BP Decomposes ~200 °C

Matrix	Cat. No.	Unit
Neat	P-1037N	10 mg
100 µg/mL in MeOH	P-1037S	1 mL

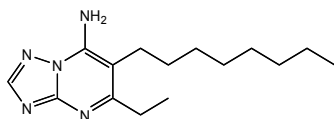
Acibenzolar-S-methyl



CAS 135158-54-2 **MF** C₈H₆N₂OS₂ **MW** 210.28
PS S **SOL** A, T, H, MeOH **SG** 1.54 g/cm³
MP 133 °C **BP** 267 °C

Matrix	Cat. No.	Unit
Neat	P-895N	10 mg
100 µg/mL in MeOH	P-895S	1 mL

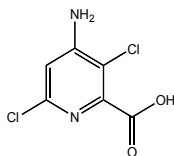
Ametoctradin



CAS 865318-97-4 **MF** C₁₅H₂₅N₅ **MW** 275.39
PS S **SOL** A, EA, T, MeOH **SG** 1.12 g/cm³
MP 198 °C **BP** Decomposes ~234 °C

Matrix	Cat. No.	Unit
100 µg/mL in MeOH	P-1039S	1 mL

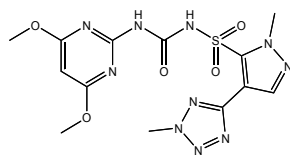
Aminopyralid



CAS 150114-71-9 **MF** C₆H₄Cl₂N₂O₂ **MW** 207.01
PS S **SOL** A, EA, MeOH **SG** 1.76 g/cm³
MP 163-164 °C **BP** Decomposes ~334 °C

Matrix	Cat. No.	Unit
Neat	P-1048N	10 mg
100 µg/mL in MeOH	P-1048S	1 mL

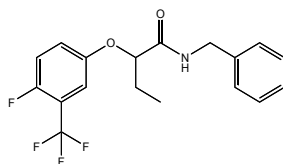
Azimsulfuron



CAS 120162-55-2 **MF** C₁₃H₁₆N₄O₅S **MW** 424.40
PS S **SOL** A, EA, MeOH, T **SG** 1.12 g/cm³
MP 170 °C **BP** Decomposes ~180 °C

Matrix	Cat. No.	Unit
50 µg/mL in AcCN	P-1036S-CN-0.5X	1 mL

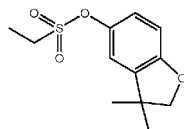
Beflubutamid



CAS 113614-08-7 **MF** C₁₈H₁₇F₄NO₂ **MW** 355.33
PS S **SOL** A, EA, MeOH **SG** 1.33 g/cm³ **MP** 75 °C
BP Decomposes ~128 °C **FP** >128 °C

Matrix	Cat. No.	Unit
Neat	P-1041N	10 mg
100 µg/mL in MeOH	P-1041S	1 mL

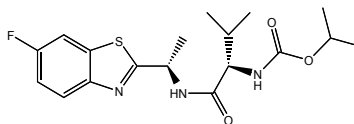
Benfuresate



CAS 68505-69-1 **MF** C₁₂H₁₆O₄S **MW** 256.32
PS S **SOL** A, D, T **SG** 0.96 g/cm³ **MP** 30-31 °C
BP 241 °C **FP** 38 °C

Matrix	Cat. No.	Unit
Neat	P-1080N	10 mg
100 µg/mL in MeOH	P-1080S	1 mL

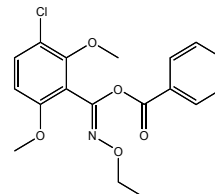
Benthiavalcarb-isopropyl



CAS 177406-68-7 **MF** C₁₈H₂₄FN₃O₃S **MW** 381.47
PS S **SOL** A, EA **SG** 1.25 g/cm³ **MP** 153-154 °C
BP Decomposes ~240 °C

Matrix	Cat. No.	Unit
10 µg/mL in Acetone	P-1049S-A-0.1X	1 mL

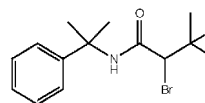
Benzoximate



CAS 29104-30-1 **MF** C₁₈H₁₈ClNO₅ **MW** 363.79
PS S **SOL** H **SG** 1.30 g/cm³ **MP** 73 °C **FP** >200 °C

Matrix	Cat. No.	Unit
100 µg/mL in AcCN	P-801S-CN	1 mL

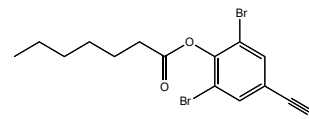
Bromobutide



CAS 74712-19-9 **MF** C₁₅H₂₂BrNO **MW** 312.25
PS S **SG** 1.21 g/cm³ **MP** 180-182 °C **BP** 412 °C
FP 203 °C

Matrix	Cat. No.	Unit
100 µg/mL in MeOH	P-1059S	1 mL

Bromoxynil-heptanoate



CAS 56634-95-8 **MF** C₁₄H₁₅Br₂NO₂ **MW** 389.08
PS S **SOL** EA, MeOH, T **SG** 1.63 g/cm³
MP 44-45 °C **BP** Decomposes ~180 °C

Matrix	Cat. No.	Unit
Neat	P-1012N	10 mg
100 µg/mL in MeOH	P-1012S	1 mL

Property Key

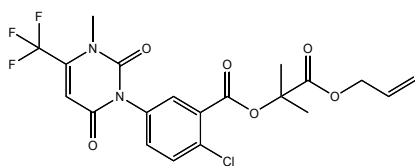
CAS Chemical Abstract Service Number
MF Molecular Formula
MW Molecular Weight
PS Physical State (Solid, Liquid)
SOL Solubility
SG Specific Gravity (g/cm³)
MP Melting Point (°C)
BP Boiling Point (°C)
FP Flash Point (°C)

Solubility Key (SOL)

A Acetone
CN Acetonitrile (AcCN)
D Methylene chloride
DMSO Dimethyl sulfoxide
EA Ethyl acetate
H Hexane
IPA Isopropanol
MeOH Methanol
MC Methyl cellosolve
T Toluene
TP Isooctane
W Water



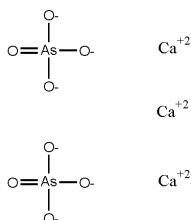
Butafenacil



CAS 134605-64-4 **MF** C₂₀H₁₈ClF₃N₂O₆ **MW** 474.81
PS S **SG** 1.41 g/cm³ **MP** 113 °C **BP** 539 °C
FP 280 °C

Matrix	Cat. No.	Unit
Neat	P-940N	10 mg
100 µg/mL in MeOH	P-940S	1 mL

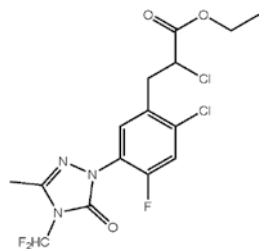
Calcium arsenate



CAS 7778-44-1 **MF** As₂Ca₃O₈ **MW** 398.07
PS S **SOL** Insoluble in org. solv. **SG** 3.62 g/cm³
MP Decomposes **BP** Decomposes

Matrix	Cat. No.	Unit
Neat	P-1076N	10 mg
100 µg/mL in MeOH	P-1076S	1 mL

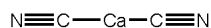
Carfentrazone-ethyl NEW



CAS 128639-02-1 **MF** C₁₅H₁₄Cl₂F₃N₃O₃ **MW** 412.19
PS L **SOL** A, T **SG** 1.53 g/cm³ **MP** -22.1 °C
BP 353 °C **FP** > 100 °C

Matrix	Cat. No.	Unit
100 µg/mL in AcCN	P-957S-CN	1 mL

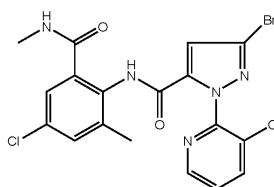
Calcium cyanide



CAS 592-01-8 **MF** C₂CaN₂ **MW** 92.11 **PS** S
SG 1.8 g/cm³ **MP** Decomposes ~350 °C
BP Decomposes ~350 °C

Matrix	Cat. No.	Unit
Neat	P-1073N	10 mg
100 µg/mL in Water	P-1073S-W	1 mL

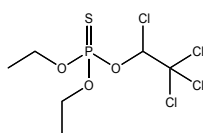
Chlorantraniliprole



CAS 500008-45-7 **MF** C₁₈H₁₄BrCl₂N₅O₂ **MW** 483.15
PS S **SOL** A, MeOH, EA **SG** 1.51 g/cm³ **MP** 209 °C

Matrix	Cat. No.	Unit
Neat	P-952N	10 mg
100 µg/mL in MeOH	P-952S	1 mL

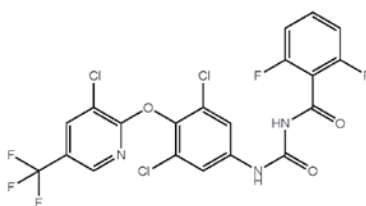
Chlorethoxyfos



CAS 54593-83-8 **MF** C₆H₁₁Cl₄O₃PS **MW** 336.00
PS L **SG** 1.64 g/cm³ **BP** 110 °C **FP** 230 °C

Matrix	Cat. No.	Unit
Neat	P-1017N	10 mg
100 µg/mL in AcCN	P-1017S-CN	1 mL

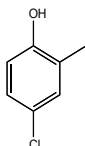
Chlorfluazuron NEW



CAS 71422-67-8 **MF** C₂₀H₉Cl₃F₅N₃O₃ **MW** 540.65
PS S **SOL** MeOH **SG** 1.66 g/cm³ **MP** 222-223 °C

Matrix	Cat. No.	Unit
100 µg/mL in AcCN	P-771S-CN	1 mL

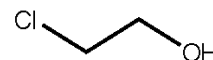
4-Chloro-2-methylphenol



CAS 1570-64-5 **MF** C₇H₇ClO **MW** 142.58
PS S **SG** 1.23 g/cm³ **MP** 51 °C **BP** 223 °C
FP 78 °C

Matrix	Cat. No.	Unit
Neat	P-1026N	10 mg
100 µg/mL in MeOH	P-1026S	1 mL

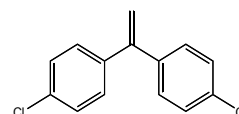
2-Chloroethanol



CAS 107-07-3 **MF** C₂H₅ClO **MW** 80.51
PS L **SOL** Most Org liquids **SG** 1.20 g/cm³
MP -63 °C **BP** 128-129 °C **FP** 55 °C

Matrix	Cat. No.	Unit
Neat	P-1079N	10 mg
100 µg/mL in MeOH	P-1079S	1 mL

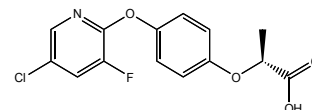
1,1-bis(4-Chlorophenyl)ethylene



CAS 2642-81-1 **MF** C₁₄H₁₀Cl₂ **MW** 249.13
PS S **SG** 1.21 g/cm³ **MP** 86-88 °C **BP** 349-350 °C
FP 159 °C

Matrix	Cat. No.	Unit
Neat	P-1054N	10 mg
100 µg/mL in MeOH	P-1054S	1 mL

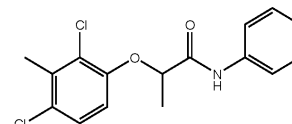
Clodinafop



CAS 114420-56-3 **MF** C₁₄H₁₁ClFNO₄ **MW** 311.69
PS S **SG** 1.41 g/cm³ **MP** 172-173 °C
BP Decomposes @410 °C **FP** 202 °C

Matrix	Cat. No.	Unit
Neat	P-1009N	10 mg
100 µg/mL in MeOH	P-1009S	1 mL

Clomeprop



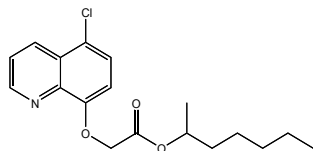
CAS 84496-56-0 **MF** C₁₆H₁₅Cl₂NO₂ **MW** 324.20
PS S **SG** 1.31 g/cm³ **MP** 146-147 °C **BP** 455 °C
FP 263 °C

Matrix	Cat. No.	Unit
Neat	P-1065N-5MG	5 mg
100 µg/mL in Acetone	P-1065S-A	1 mL



Supplement to Pesticide Guide (130 Additional Pesticides)

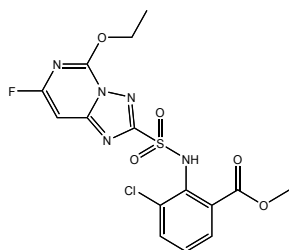
Cloquintocet-mexyl



CAS 99607-70-2 **MF** C₁₈H₂₂ClNO₃ **MW** 335.82
PS S SOL A, H, M, T **SG** 1.05 g/cm³ **MP** 69-70 °C

Matrix	Cat. No.	Unit
Neat	P-929N	10 mg
100 µg/mL in MeOH	P-929S	1 mL

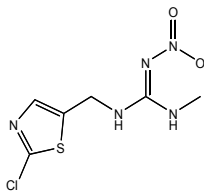
Cloransulam methyl



CAS 147150-35-4 **MF** C₁₅H₁₃ClF₃N₂O₅S **MW** 429.81
PS S SOL A, D, EA, MeOH **SG** 1.54 g/cm³ **MP** 217 °C

Matrix	Cat. No.	Unit
100 µg/mL in AcCN	P-981S-CN	1 mL

Clothianidin

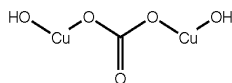


CAS 210880-92-5 **MF** C₆H₈ClN₂O₂S **MW** 249.68
PS S SOL A, AE **SG** 1.68 g/cm³ **MP** 145-147 °C
BP 435 °C **FP** 217 °C

Matrix	Cat. No.	Unit
Neat	P-947N	10 mg
100 µg/mL in MeOH	P-947S	1 mL

Property Key		Solubility Key (SOL)	
CAS	Chemical Abstract Service Number	A	Acetone
MF	Molecular Formula	CN	Acetonitrile (AcCN)
MW	Molecular Weight	D	Methylene chloride
PS	Physical State (Solid, Liquid)	DMSO	Dimethyl sulfoxide
SOL	Solubility	EA	Ethyl acetate
SG	Specific Gravity (g/cm ³)	H	Hexane
MP	Melting Point (°C)	IPA	Isopropanol
BP	Boiling Point (°C)	MeOH	Methanol
FP	Flash Point (°C)	MC	Methyl cellosolve
		T	Toluene
		TP	Isooctane
		W	Water

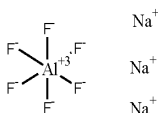
Copper (II) carbonate



CAS 12069-69-1 **MF** CH₂Cu₂O₅ **MW** 221.12 **PS S**
SG 4.0 g/cm³ **MP** Decomposes ~ 200 °C

Matrix	Cat. No.	Unit
Neat	P-1074N	10 mg
100 µg/mL in MeOH	P-1074S	1 mL

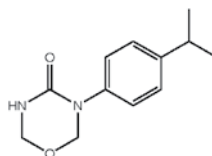
Cryolite



CAS 15096-52-3 **MF** AlF₆Na₃ **MW** 209.94 **PS S**
SG 2.9 g/cm³ **MP** 1012 °C

Matrix	Cat. No.	Unit
Neat	P-1071N	10 mg
100 µg/mL in MeOH	P-1071S	1 mL

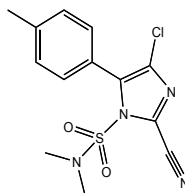
Cumyluron NEW



CAS 99485-76-4 **MF** C₁₂H₁₆N₂O₂ **MW** 220.27
PS S SOL A, MeOH **SG** 1.16 g/cm³ **MP** 166 °C
FP 258 °C

Matrix	Cat. No.	Unit
100 µg/mL in AcCN	P-1135S-CN	1 mL

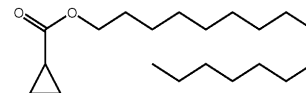
Cyazofamid



CAS 120116-88-3 **MF** C₁₃H₁₃ClN₄O₂S **MW** 324.79
PS S SOL A, T **SG** 1.45 g/cm³ **MP** 152-153 °C

Matrix	Cat. No.	Unit
Neat	P-969N	10 mg
100 µg/mL in MeOH	P-969S	1 mL

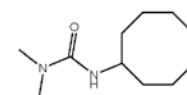
Cycloprate



CAS 54460-46-7 **MF** C₂₀H₃₈O₂ **MW** 310.51 **PS S**
SOL MeOH **SG** 0.92 g/cm³ **MP** 100-102 °C
BP 366 °C **FP** 189 °C

Matrix	Cat. No.	Unit
Neat	P-1069N	10 mg
100 µg/mL in MeOH	P-1069S	1 mL

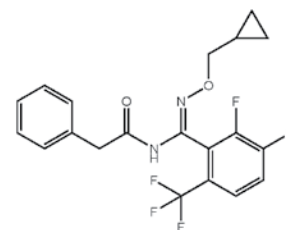
Cycluron NEW



CAS 2163-69-1 **MF** C₁₁H₂₂N₂O **MW** 198.31
PS S SG 0.97 g/cm³ **MP** 138 °C

Matrix	Cat. No.	Unit
100 µg/mL in AcCN	P-791S-CN	1 mL

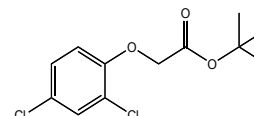
Cycluron NEW



CAS 180409-60-3 **MF** C₂₀H₁₇F₅N₂O₂ **MW** 412.35
PS S SOL H, MeOH **SG** 1.35 g/cm³ **MP** 62 °C
BP 257 °C

Matrix	Cat. No.	Unit
100 µg/mL in AcCN	P-975S-CN	1 mL

2,4-D isobutyl ester

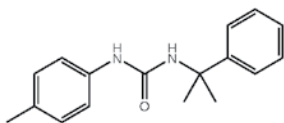


CAS 1713-15-1 **MF** C₁₂H₁₄Cl₂O₃ **MW** 277.14 **PS S**
SG 1.24 g/cm³ **MP** 93 °C **BP** 338-339 °C **FP** 129 °C

Matrix	Cat. No.	Unit
Neat	P-1027N	10 mg
100 µg/mL in AcCN	P-1027S-CN	1 mL



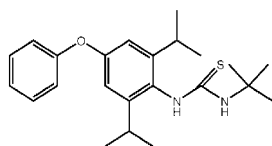
Daimuron NEW



CAS 42609-52-9 **MF** C₁₇H₂₀N₂O **MW** 268.35
PS L **SG** 1.11 g/cm³ **BP** 394 °C **FP** 134 °C

Matrix	Cat. No.	Unit
100 µg/mL in AcCN	P-1087S-CN	1 mL

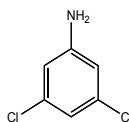
Diafenthion



CAS 80060-09-9 **MF** C₂₃H₃₂N₂OS **MW** 384.58
PS S **SOL** A, H, T **SG** 1.09 g/cm³ **MP** 146 °C
BP 448-450 °C **FP** 225 °C

Matrix	Cat. No.	Unit
Neat	P-1064N	10 mg
100 µg/mL in Acetone	P-1064S-A	1 mL

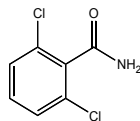
3,5-Dichloroaniline



CAS 626-43-7 **MF** C₆H₅Cl₂N **MW** 162.02 **PS** S
SG 1.58 g/cm³ **MP** 49-53 °C **BP** 260 °C **FP** 133 °C

Matrix	Cat. No.	Unit
Neat	P-1008N	10 mg
100 µg/mL in MeOH	P-1008S	1 mL

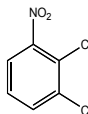
2,6-Dichlorobenzamide



CAS 2008-58-4 **MF** C₇H₅Cl₂NO **MW** 190.03 **PS** S
SOL MeOH **SG** 1.44 g/cm³ **MP** 196-201 °C

Matrix	Cat. No.	Unit
Neat	P-1035N	10 mg
100 µg/mL in MeOH	P-1035S	1 mL

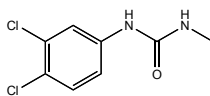
2,3-Dichloronitrobenzene



CAS 3209-22-1 **MF** C₆H₃Cl₂NO₂ **MW** 192.00 **PS** S
SG 1.45 g/cm³ **MP** 62 °C **BP** 257-258 °C
FP 124 °C

Matrix	Cat. No.	Unit
Neat	P-1005N	10 mg
100 µg/mL in Toluene	P-1005S-T	1 mL

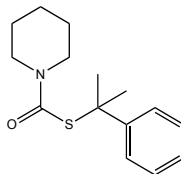
1-(3,4-Dichlorophenyl)-3-methylurea



CAS 3567-62-2 **MF** C₈H₈Cl₂N₂O **MW** 219.07 **PS** S
SG 1.41 g/cm³ **MP** 123-124 °C **BP** 295-296 °C
FP 132 °C

Matrix	Cat. No.	Unit
Neat	P-1038N	10 mg
100 µg/mL in MeOH	P-1038S	1 mL

Dimepiperate



CAS 61432-55-1 **MF** C₁₅H₂₁NOS **MW** 263.40
PS S **SOL** A, H, MeOH **SG** 1.08 g/cm³ **MP** 39-40 °C
BP 376 °C **FP** 181 °C

Matrix	Cat. No.	Unit
50 µg/mL in Acetone	P-1020S-A-0.5X	1 mL

Dimethylarsinic acid

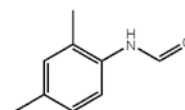


CAS 75-60-5 **MF** C₂H₄AsO₂ **MW** 138.00
PS S **SOL** MeOH **MP** 195-196 °C **BP** 253-254 °C

Matrix	Cat. No.	Unit
Neat	P-1075N	10 mg
100 µg/mL in MeOH	P-1075S	1 mL

Property Key	Solubility Key (SOL)
CAS Chemical Abstract Service Number	A Acetone
MF Molecular Formula	CN Acetonitrile (AcCN)
MW Molecular Weight	D Methylene chloride
PS Physical State (Solid, Liquid)	DMSO Dimethyl sulfoxide
SOL Solubility	EA Ethyl acetate
SG Specific Gravity (g/cm ³)	H Hexane
MP Melting Point (°C)	IPA Isopropanol
BP Boiling Point (°C)	MeOH Methanol
FP Flash Point (°C)	MC Methyl cellosolve
	T Toluene
	TP Isooctane
	W Water

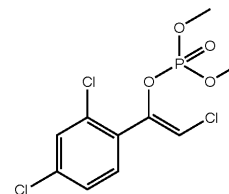
N-(2,4-Dimethylphenyl)formamide NEW



CAS 60397-77-5 **MF** C₉H₁₁NO **MW** 149.19 **PS** S
SOL MeOH **MP** 114-118 °C

Matrix	Cat. No.	Unit
100 µg/mL in AcCN	P-1100S-CN	1 mL

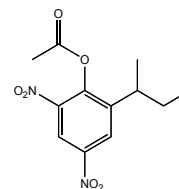
Dimethylvinphos (Z type)



CAS 67628-93-7 **MF** C₁₀H₁₀Cl₂O₄P **MW** 331.52
PS S **SG** 1.45 g/cm³ **MP** 69-70 °C **BP** 375 °C
FP 263 °C

Matrix	Cat. No.	Unit
100 µg/mL in Acetone	P-1057S-A	1 mL

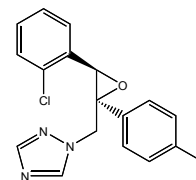
Dinoseb acetate



CAS 2813-95-8 **MF** C₁₂H₁₄N₂O₆ **MW** 282.25
PS S **SG** 1.30 g/cm³ **MP** 144 °C **BP** 363-364 °C
FP 145 °C

Matrix	Cat. No.	Unit
Neat	P-779N	10 mg
100 µg/mL in MeOH	P-779S	1 mL

Epoxiconazole



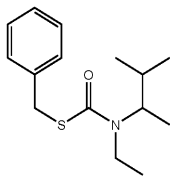
CAS 135319-73-2 **MF** C₁₇H₁₃ClFNO **MW** 329.76
PS S **SOL** EA, A, T **SG** 1.38 g/cm³ **MP** 136-137 °C
BP Decomposes @120 °C **FP** >310 °C

Matrix	Cat. No.	Unit
Neat	P-784N	10 mg
100 µg/mL in MeOH	P-784S	1 mL



Supplement to Pesticide Guide (130 Additional Pesticides)

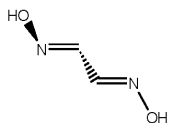
Esprocarb



CAS 85785-20-2 **MF** C₁₅H₂₃NOS **MW** 265.42
PS L **SOL** EA, A **SG** 1.03 g/cm³ **MP** 25 °C
BP 135 °C

Matrix	Cat. No.	Unit
100 µg/mL in MeOH	P-617S	1 mL

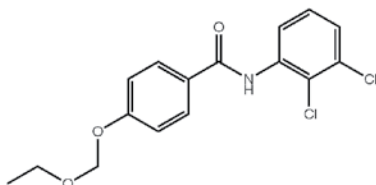
Ethanedial dioxime



CAS N/A **MF** C₂H₄N₂O₂ **MW** 88.07 **PS** L
SG 1.14 g/cm³ **MP** -15 °C **BP** 240-242 °C
FP 188 °C

Matrix	Cat. No.	Unit
Neat	P-1070N	10 mg
100 µg/mL in MeOH	P-1070S	1 mL

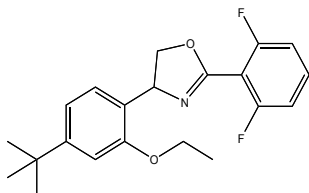
Etobenzanid NEW



CAS 79540-50-4 **MF** C₁₆H₁₅Cl₂NO₃ **MW** 340.20
PS S **MP** 92-93 °C

Matrix	Cat. No.	Unit
100 µg/mL in AcCN	P-1136S-CN	1 mL

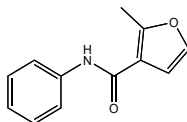
Etoxazole



CAS 153233-91-1 **MF** C₂₁H₂₃F₂NO₂ **MW** 359.41
PS S **SOL** EA, A, MeOH **SG** 1.24 g/cm³ **MP** 102 °C
FP 457 °C

Matrix	Cat. No.	Unit
100 µg/mL in MeOH	P-991S	1 mL

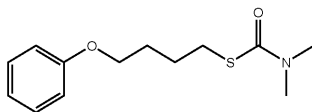
Fenfuram



CAS 24691-80-3 **MF** C₁₂H₁₁NO₂ **MW** 201.22
PS S **SOL** A, MeOH **MP** 109-110 °C

Matrix	Cat. No.	Unit
Neat	P-896N	10 mg
100 µg/mL in MeOH	P-896S	1 mL

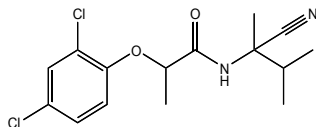
Fenothiocarb



CAS 62850-32-2 **MF** C₁₃H₁₉NO₂S **MW** 253.36
PS S **SOL** A, H **SG** 1.21 g/cm³ **MP** 39-40 °C
BP 371 °C **FP** 178 °C

Matrix	Cat. No.	Unit
100 µg/mL in MeOH	P-1021S	1 mL
50 µg/mL in MeOH	P-1021S-0.5X	1 mL

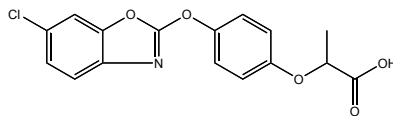
Fenoxanil



CAS 115852-48-7 **MF** C₁₅H₁₈Cl₂N₂O₂ **MW** 329.22
PS S **SOL** MeOH **SG** 1.22 g/cm³ **MP** 71 °C
BP Decomposes 420 °C **FP** 420 °C

Matrix	Cat. No.	Unit
Neat	P-997N	10 mg
100 µg/mL in MeOH	P-997S	1 mL

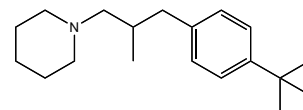
Fenoxaprop



CAS 95617-09-7 **MF** C₁₆H₁₂ClNO₅ **MW** 333.72
PS S **SG** 1.42 g/cm³ **MP** 166-168 °C
BP 506-507 °C **FP** 260 °C

Matrix	Cat. No.	Unit
Neat	P-884N	10 mg
100 µg/mL in MeOH	P-884S	1 mL

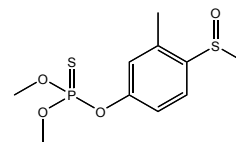
Fenpropidin



CAS 67306-00-7 **MF** C₁₉H₃₁N **MW** 273.46
PS L **SOL** A, EA **SG** 0.91 g/cm³ **MP** -65 °C
BP Decomposes ~243 °C **FP** 156 °C

Matrix	Cat. No.	Unit
Neat	P-802N	10 mg
100 µg/mL in MeOH	P-802S	1 mL

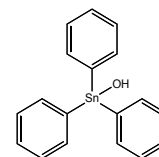
Fenthion sulfoxide



CAS 3761-41-9 **MF** C₁₀H₁₅O₄PS₂ **MW** 294.33
PS S **SOL** D, T **SG** 1.32 g/cm³ **MP** 69-71 °C
BP 397-398 °C **FP** 194 °C

Matrix	Cat. No.	Unit
Neat	P-1052N	10 mg
100 µg/mL in CH ₂ Cl ₂	P-1052S-D	1 mL

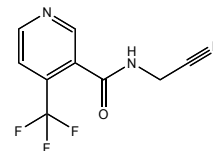
Fentin hydroxide



CAS 76-87-9 **MF** C₁₈H₁₆OSn **MW** 367.03
PS S **SOL** A, MeOH **SG** 1.54 g/cm³ **MP** 123 °C
FP 174 °C

Matrix	Cat. No.	Unit
Neat	P-1042N	10 mg
100 µg/mL in AcCN	P-1042S-CN	1 mL

Flonicamid

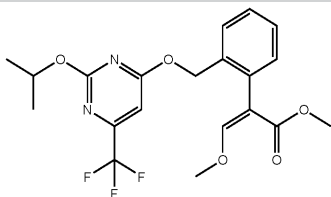


CAS 158062-67-0 **MF** C₉H₆F₃N₃O **MW** 229.16
PS S **SOL** A, EA, D **SG** 1.54 g/cm³ **MP** 157-158 °C
BP Decomposes ~313 °C **FP** >200 °C

Matrix	Cat. No.	Unit
Neat	P-926N	10 mg
100 µg/mL in MeOH	P-926S	1 mL



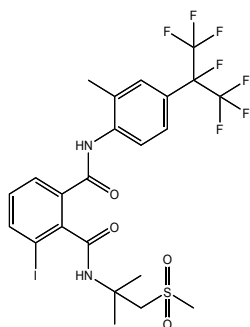
Fluacrypyrim



CAS 229977-93-9 **MF** C₂₀H₂₁F₃N₂O₅ **MW** 426.39
PS S SOL A, MeOH **SG** 1.26 g/cm³ **MP** 108 °C
BP 530 °C **FP** 274 °C

Matrix	Cat. No.	Unit
100 µg/mL in MeOH	P-1056S	1 mL

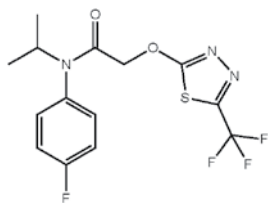
Flubendiamide



CAS 272451-65-7 **MF** C₂₃H₂₂F₇IN₂O₄S **MW** 682.39
PS S SG 1.66 g/cm³ **MP** 217-218 °C
BP 578-579 °C **FP** 304 °C

Matrix	Cat. No.	Unit
Neat	P-1025N	10 mg
100 µg/mL in AcCN	P-1025S-CN	1 mL

Flufenacet NEW



CAS 142459-58-3 **MF** C₁₄H₁₃F₄N₃O₂S **MW** 363.33
PS S SOL A, T, H **SG** 1.45 g/cm³ **MP** 78 °C
BP Decomposes ~150 °C

Matrix	Cat. No.	Unit
100 µg/mL in AcCN	P-902S-CN	1 mL

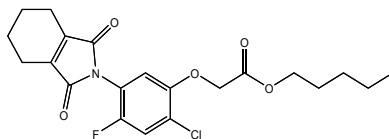
Property Key

CAS Chemical Abstract Service Number
MF Molecular Formula
MW Molecular Weight
PS Physical State (Solid, Liquid)
SOL Solubility
SG Specific Gravity (g/cm³)
MP Melting Point (°C)
BP Boiling Point (°C)
FP Flash Point (°C)

Solubility Key (SOL)

A Acetone
CN Acetonitrile (AcCN)
D Methylene chloride
DMSO Dimethyl sulfoxide
EA Ethyl acetate
H Hexane
IPA Isopropanol
MeOH Methanol
MC Methyl cellosolve
T Toluene
TP Isooctane
W Water

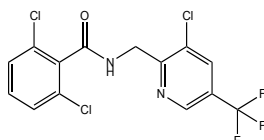
Flumiclorac-pentyl



CAS 87546-18-7 **MF** C₂₁H₂₃ClFNO₅ **MW** 423.86
PS S SOL MeOH, H, A **SG** 1.33 g/cm³ **MP** 89 °C
FP 68 °C

Matrix	Cat. No.	Unit
Neat	P-993N	10 mg
100 µg/mL in MeOH	P-993S	1 mL

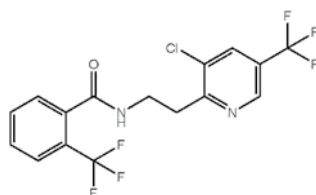
Fuopicolide



CAS 239110-15-7 **MF** C₁₄H₉Cl₃F₃N₂O **MW** 383.58
PS S SOL A, H, T **SG** 1.65 g/cm³ **MP** 150 °C
BP Decomp. ~320 °C **FP** °C

Matrix	Cat. No.	Unit
Neat	P-1024N	10 mg
100 µg/mL in Acetone	P-1024S-A	1 mL

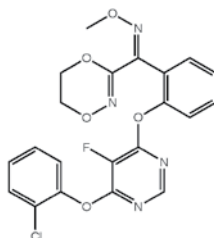
Fuopyram NEW



CAS 658066-35-4 **MF** C₁₆H₁₁ClF₆N₂O **MW** 396.71
PS S SOL A, D, T **MP** 117-118 °C **BP** 318 °C

Matrix	Cat. No.	Unit
100 µg/mL in AcCN	P-1094S-CN	1 mL

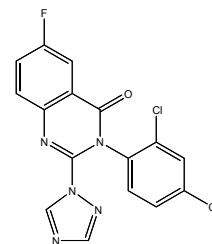
Floxastrobin NEW



CAS 361377-29-9 **MF** C₂₁H₁₆ClF₆N₄O₅ **MW** 458.83
PS S SOL EA **SG** 1.42 g/cm³ **MP** 105 °C

Matrix	Cat. No.	Unit
100 µg/mL in AcCN	P-963S-CN	1 mL

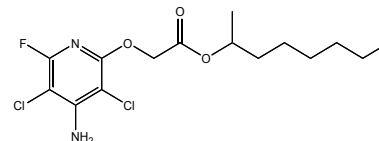
Fluquinconazole



CAS 136426-54-5 **MF** C₁₆H₈Cl₂FN₅O **MW** 376.17
PS S SOL EA, CN, A **SG** 1.63 g/cm³ **MP** 192 °C
BP 620 °C **FP** 331 °C

Matrix	Cat. No.	Unit
Neat	P-878N	10 mg
100 µg/mL in AcCN	P-878S-CN	1 mL

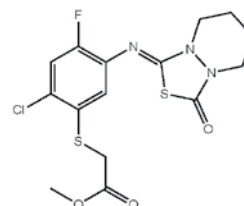
Fluroxypyr-1-methylheptyl ester



CAS 81406-37-3 **MF** C₁₅H₂₁Cl₂FN₂O₃ **MW** 367.24
PS S SOL H, MeOH, T, EA **SG** 1.32 g/cm³
MP 59 °C **BP** Decomposes ~360 °C **FP** >200 °C

Matrix	Cat. No.	Unit
Neat	P-927N	10 mg
100 µg/mL in MeOH	P-927S	1 mL

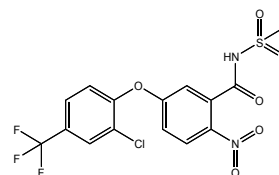
Fluthiacet-methyl NEW



CAS 117337-19-6 **MF** C₁₅H₁₅ClF₆N₃O₃S₂ **MW** 403.88
PS S SOL A, D, MeOH, T **SG** 0.43 g/cm³
MP 106 °C **BP** Decomposes ~249 °C

Matrix	Cat. No.	Unit
100 µg/mL in AcCN	P-1095S-CN	1 mL

Fomesafen



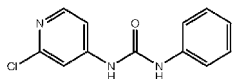
CAS 72178-02-0 **MF** C₁₅H₁₀ClF₃N₂O₆S **MW** 438.76
PS S SOL A, MeOH **SG** 1.61 g/cm³ **MP** 219 °C

Matrix	Cat. No.	Unit
Neat	P-907N	10 mg
100 µg/mL in MeOH	P-907S	1 mL



Supplement to Pesticide Guide (130 Additional Pesticides)

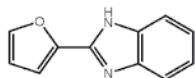
Forchlorfenuron



CAS 68157-60-8 **MF** C₁₂H₁₀ClN₃O **MW** 247.68
PS S **SOL** A, MeOH **SG** 1.38 g/cm³ **MP** 167 °C

Matrix	Cat. No.	Unit
Neat	P-753N	10 mg
100 µg/mL in MeOH	P-753S	1 mL

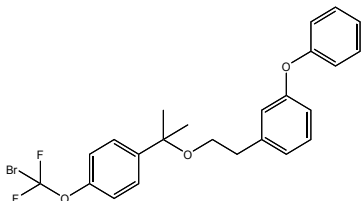
Fuberidazole NEW



CAS 3878-19-1 **MF** C₁₁H₈N₂O **MW** 184.19 **PS** S
SOL A, EA, D **SG** 1.25 g/cm³ **MP** Decomposes
BP Decomposes

Matrix	Cat. No.	Unit
100 µg/mL in AcCN	P-789S-CN	1 mL

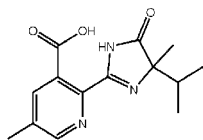
Halfenprox



CAS 111872-58-3 **MF** C₂₄H₂₃BrF₂O₃ **MW** 477.34
PS L **SOL** A, H **SG** 1.32 g/cm³
BP Decomposes ~291 °C **FP** 272 °C

Matrix	Cat. No.	Unit
10 µg/mL in MeOH	P-1050S-0.1X	1 mL

Imazapic

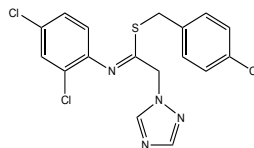


CAS 104098-48-8 **MF** C₁₄H₁₇N₃O₃ **MW** 275.30
PS S **SOL** A **SG** 1.31 g/cm³ **MP** 205 °C
BP >400 °C **FP** 216 °C

Matrix	Cat. No.	Unit
Neat	P-1063N	10 mg
100 µg/mL in MeOH	P-1063S	1 mL

Property Key		Solubility Key (SOL)	
CAS	Chemical Abstract Service Number	A	Acetone
MF	Molecular Formula	CN	Acetonitrile (AcCN)
MW	Molecular Weight	D	Methylene chloride
PS	Physical State (Solid, Liquid)	DMSO	Dimethyl sulfoxide
SOL	Solubility	EA	Ethyl acetate
SG	Specific Gravity (g/cm ³)	H	Hexane
MP	Melting Point (°C)	IPA	Isopropanol
BP	Boiling Point (°C)	MeOH	Methanol
FP	Flash Point (°C)	MC	Methyl cellosolve
		T	Toluene
		TP	Isooctane
		W	Water

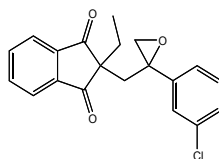
Imibenconazole



CAS 86598-92-7 **MF** C₁₇H₁₃Cl₃N₄S **MW** 411.74
PS S **SOL** A, MeOH **SG** 1.42 g/cm³ **MP** 89-90 °C
BP 567-568 °C **FP** 297 °C

Matrix	Cat. No.	Unit
50 µg/mL in AcCN	P-1019S-CN-0.5X	1 mL

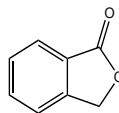
Indanofan



CAS 133220-30-1 **MF** C₂₀H₁₇ClO₃ **MW** 340.80
PS S **SOL** H, MeOH, A, EA **SG** 1.24 g/cm³
MP 60-61 °C

Matrix	Cat. No.	Unit
Neat	P-988N	10 mg
100 µg/mL in MeOH	P-988S	1 mL

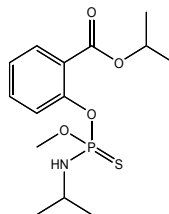
Isobenzofuranone



CAS 87-41-2 **MF** C₈H₆O **MW** 134.13
PS S **SOL** MeOH **SG** 1.26 g/cm³ **MP** 72-74 °C
BP 289-291 °C **FP** 152 °C

Matrix	Cat. No.	Unit
Neat	P-1022N	10 mg
100 µg/mL in MeOH	P-1022S	1 mL

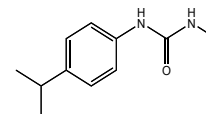
Isufenphos-methyl



CAS 99675-03-3 **MF** C₁₄H₂₂NO₄PS **MW** 331.37
PS L

Matrix	Cat. No.	Unit
100 µg/mL in MeOH	P-984S	1 mL

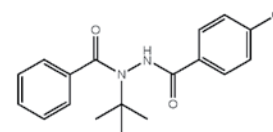
1-(4-Isopropylphenyl)-3-methylurea



CAS 34123-57-4 **MF** C₁₁H₁₆N₂O **MW** 192.26
PS S **SG** 1.06 g/cm³ **MP** 105-106 °C
BP 272-273 °C **FP** 100 °C

Matrix	Cat. No.	Unit
100 µg/mL in MeOH	P-1040S	1 mL

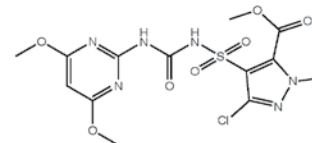
Halofenozide NEW



CAS 112226-61-6 **MF** C₁₆H₁₅ClN₂O₂ **MW** 330.81
PS S **SOL** Cyclohexanone **SG** 0.46 g/cm³
MP 200 °C

Matrix	Cat. No.	Unit
100 µg/mL in AcCN	P-804S-CN	1 mL

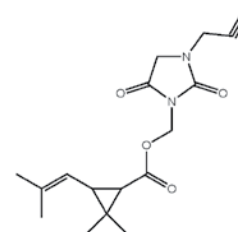
Halosulfuron methyl NEW



CAS 100784-20-1 **MF** C₁₃H₁₅ClN₆O₅S **MW** 434.81
PS S **SOL** EA, MeOH, T **SG** 1.62 g/cm³
MP 175-177 °C **BP** Decomposes ~182 °C

Matrix	Cat. No.	Unit
100 µg/mL in AcCN	P-1089S-CN	1 mL

Imiprothrin NEW

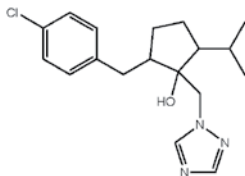


CAS 72963-72-5 **MF** C₁₇H₂₂N₂O₄ **MW** 318.37
PS L **SOL** H **SG** 1.12 g/cm³ **MP** 25 °C **FP** 141 °C

Matrix	Cat. No.	Unit
100 µg/mL in AcCN	P-983S-CN	1 mL



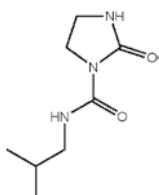
Ipconazole NEW



CAS 125225-28-7 **MF** C₁₈H₂₄ClN₃O **MW** 333.86
PS S **SG** 1.20 g/cm³ **SOL** A, EA, MeOH **MP** 86 °C
BP 400 °C

Matrix	Cat. No.	Unit
100 µg/mL in AcCN	P-958S-CN	1 mL

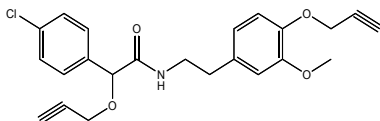
Isocarbamid NEW



CAS 30979-48-7 **MF** C₈H₁₅N₃O₂ **MW** 185.22
PS S **MP** 95-96 °C

Matrix	Cat. No.	Unit
100 µg/mL in AcCN	P-880S-CN	1 mL

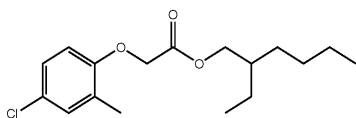
Mandipropamid



CAS 374726-62-2 **MF** C₂₃H₂₂ClNO₄ **MW** 411.88
PS S **SOL** A, EA, T, D **SG** 1.21 g/cm³ **MP** 97 °C
BP Decomposes ~200 °C **FP** >200 °C

Matrix	Cat. No.	Unit
Neat	P-1023N	10 mg
100 µg/mL in AcCN	P-1023S-CN	1 mL

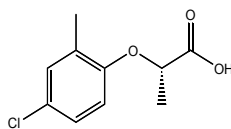
MCPA 2-ethylhexyl ester



CAS 29450-45-1 **MF** C₁₇H₂₆ClO₃ **MW** 312.83
PS S **SOL** EA, MeOH, H, T **SG** 1.06 g/cm³
MP 112-113 °C **BP** 387-388 °C **FP** 131 °C

Matrix	Cat. No.	Unit
Neat	P-1082N	10 mg
100 µg/mL in MeOH	P-1082S	1 mL

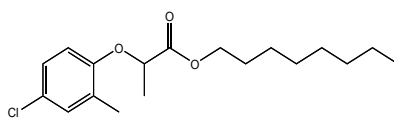
Mecoprop-p



CAS 16484-77-8 **MF** C₁₀H₁₁ClO₃ **MW** 214.65
PS S **SOL** A, EA, MeOH **SG** 1.31 g/cm³
MP 95-96 °C

Matrix	Cat. No.	Unit
Neat	P-1053N	10 mg
100 µg/mL in Acetone	P-1053S-A	1 mL

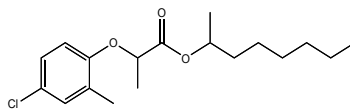
Mecoprop-1-octyl ester



CAS 161922-37-8 **MF** C₁₈H₂₇ClO₃ **MW** 326.86
PS L

Matrix	Cat. No.	Unit
100 µg/mL in AcCN	P-1028S-CN	1 mL

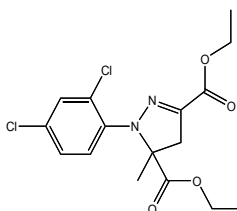
Mecoprop-2-octyl ester



CAS 28473-03-2 **MF** C₁₈H₂₇ClO₃ **MW** 326.86
PS L **SG** 1.05 g/cm³ **BP** 397-398 °C **FP** 130 °C

Matrix	Cat. No.	Unit
Neat	P-1029N	10 mg
100 µg/mL in AcCN	P-1029S-CN	1 mL

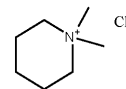
Mefenpyr-diethyl



CAS 135590-91-9 **MF** C₁₆H₁₈Cl₂N₂O₄ **MW** 373.23
PS S **SOL** A, T, MeOH, EA **SG** 1.31 g/cm³
MP 51 °C **BP** 451 °C **FP** 227 °C

Matrix	Cat. No.	Unit
Neat	P-1010N	10 mg
100 µg/mL in MeOH	P-1010S	1 mL

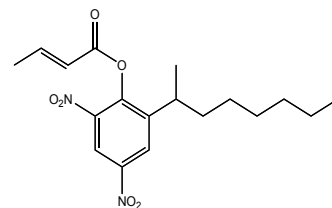
Mepiquat chloride



CAS 24307-26-4 **MF** C₇H₁₆ClN **MW** 149.66
PS S **SOL** A, MeOH, T **SG** 1.16 g/cm³
MP Decomposes ~230 °C **BP** Decomposes ~230 °C
FP >200 °C

Matrix	Cat. No.	Unit
Neat	P-1062N	10 mg
100 µg/mL in MeOH	P-1062S	1 mL

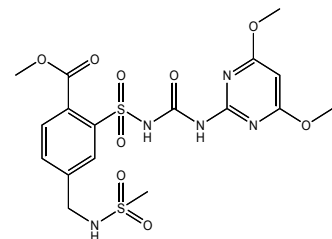
Meptyldinocap



CAS 131-72-6 **MF** C₁₈H₂₄N₂O₆ **MW** 364.39
PS L **SOL** A, EA **SG** 1.11 g/cm³ **MP** -22 °C
BP Decomposes ~200 °C **FP** 30 °C

Matrix	Cat. No.	Unit
100 µg/mL in MeOH	P-1043S	1 mL

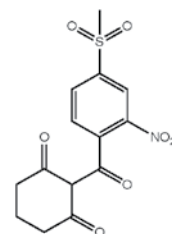
Mesosulfuron-methyl



CAS 208465-21-8 **MF** C₁₇H₂₁N₅O₉S₂ **MW** 503.51
PS S **SOL** A, EA, H, T **SG** 1.48 g/cm³
MP 195-196 °C **BP** Decomposes

Matrix	Cat. No.	Unit
Neat	P-1044N	10 mg
100 µg/mL in MeOH	P-1044S	1 mL

Mesotrione NEW



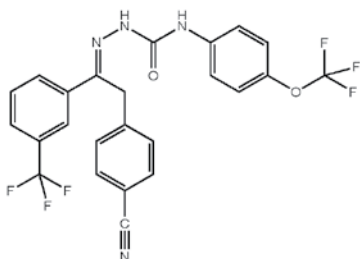
CAS 104206-82-8 **MF** C₁₄H₁₃NO₇S **MW** 339.32
PS L **SG** 1.49 g/cm³ **SOL** A, EA, T **MP** 165-166 °C

Matrix	Cat. No.	Unit
100 µg/mL in AcCN	P-962S-CN	1 mL



Supplement to Pesticide Guide (130 Additional Pesticides)

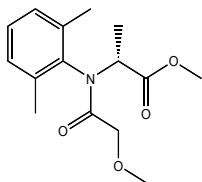
Metaflumizone NEW



CAS 139968-49-3 **MF** C₂₄H₁₆F₆N₂O₂ **MW** 506.40
PS S **SG** 1.46 g/cm³ **SOL** A, MeOH, T **MP** 133 °C
BP Decomposes ~232 °C

Matrix	Cat. No.	Unit
100 µg/mL in AcCN	P-1090S-CN	1 mL

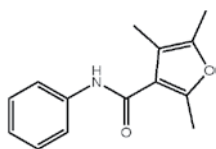
Metalaxyl-M



CAS 70630-17-0 **MF** C₁₅H₂₁NO₄ **MW** 279.33
PS L **SOL** H, A, T, MeOH **SG** 1.13 g/cm³
MP -38.7 °C **BP** Decomposes **FP** 179 °C

Matrix	Cat. No.	Unit
Neat	P-874N	10 mg
100 µg/mL in MeOH	P-874S	1 mL

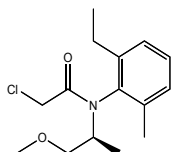
Methfuroxam NEW



CAS 28730-17-8 **MF** C₁₄H₁₅NO₃ **MW** 229.27
PS S **SG** 1.15 g/cm³ **SOL** A, MeOH

Matrix	Cat. No.	Unit
100 µg/mL in AcCN	P-881S-CN	1 mL

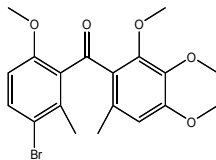
S-Metolachlor



CAS 87392-12-9 **MF** C₁₅H₂₂ClNO₂ **MW** 283.79
PS L **SOL** A, MeOH, T, H **SG** 1.12 g/cm³ **MP** -61 °C
BP 334 °C

Matrix	Cat. No.	Unit
Neat	P-1013N	10 mg
100 µg/mL in MeOH	P-1013S	1 mL

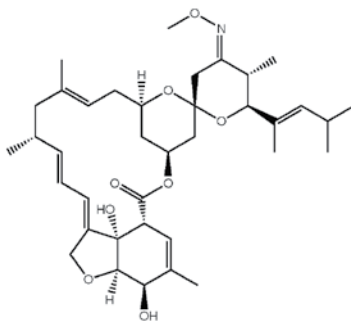
Metrafenone



CAS 220899-03-6 **MF** C₁₉H₂₁BrO₅ **MW** 409.27
PS S **SOL** A, D, EA, T **SG** 1.45 g/cm³ **MP** 100 °C
BP Decomp ~310 °C

Matrix	Cat. No.	Unit
Neat	P-1032N	10 mg
100 µg/mL in AcCN	P-1032S-CN	1 mL

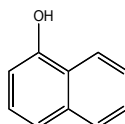
Moxidectin NEW



CAS 113507-06-5 **MF** C₃₇H₅₃NO₈ **MW** 639.82
PS S **SOL** Ethanol

Matrix	Cat. No.	Unit
100 µg/mL in AcCN	P-961S-CN	1 mL

1-Naphthol



CAS 90-15-3 **MF** C₁₀H₈O **MW** 144.17 **PS** S
SG 0.79 g/cm³ **MP** 95-96 °C **BP** 278-280 °C
FP 125 °C

Matrix	Cat. No.	Unit
Neat	P-1007N	10 mg
100 µg/mL in MeOH	P-1007S	1 mL

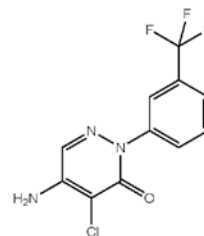
Property Key

CAS Chemical Abstract Service Number
MF Molecular Formula
MW Molecular Weight
PS Physical State (Solid, Liquid)
SOL Solubility
SG Specific Gravity (g/cm³)
MP Melting Point (°C)
BP Boiling Point (°C)
FP Flash Point (°C)

Solubility Key (SOL)

A Acetone
CN Acetonitrile (AcCN)
D Methylene chloride
DMSO Dimethyl sulfoxide
EA Ethyl acetate
H Hexane
IPA Isopropanol
MeOH Methanol
MC Methyl cellosolve
T Toluene
TP Isooctane
W Water

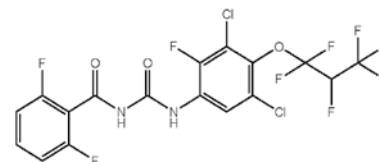
Norflurazon-desmethyl NEW



CAS 23576-24-1 **MF** C₁₁H₇ClF₃N₃O **MW** 289.64
PS S **SOL** MeOH **MP** >154 °C

Matrix	Cat. No.	Unit
100 µg/mL in AcCN	P-1129S-CN	1 mL

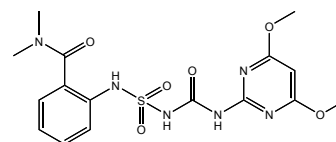
Noviflumuron NEW



CAS 121451-02-3 **MF** C₁₇H₇Cl₂F₉N₂O₃ **MW** 529.14
PS S **SG** 1.88 g/cm³ **SOL** A, EA, MeOH
MP 156-157 °C **BP** Decomposes ~250 °C

Matrix	Cat. No.	Unit
100 µg/mL in AcCN	P-967S-CN	1 mL

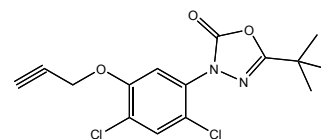
Orthosulfamuron



CAS 213464-77-8 **MF** C₁₆H₂₀N₆O₆S **MW** 424.43
PS S **SOL** A, EA, MeOH **SG** 1.48 g/cm³
MP 157 °C **BP** Decomposes

Matrix	Cat. No.	Unit
100 µg/mL in Acetone	P-1045S-A	1 mL

Oxadiazargyl

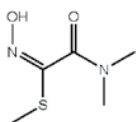


CAS 39807-15-3 **MF** C₁₅H₁₄Cl₂N₂O₃ **MW** 341.19
PS S **SOL** A, EA, MeOH, T **SG** 1.41 g/cm³
MP 131 °C **BP** Decomposes

Matrix	Cat. No.	Unit
Neat	P-1031N	10 mg
100 µg/mL in AcCN	P-1031S-CN	1 mL



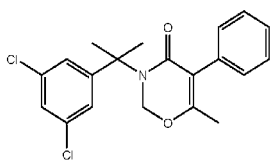
Oxamyl oxime NEW



CAS 30558-43-1 MF $C_5H_{10}N_2O_2S$ MW 162.21
PS S SG 1.20 g/cm³ SOL MeOH MP 174-179 °C

Matrix	Cat. No.	Unit
100 µg/mL in AcCN	P-1138S-CN	1 mL

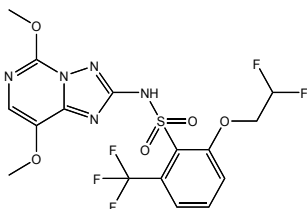
Oxaziclomefone



CAS 153197-14-9 MF $C_{20}H_{19}Cl_2NO_2$ MW 376.28
PS S SG 1.28 g/cm³ MP 150 °C BP 520 °C
FP 267 °C

Matrix	Cat. No.	Unit
Neat	P-1066N-5MG	5 mg
100 µg/mL in MeOH	P-1066S	1 mL

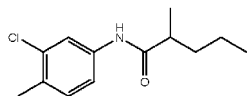
Penoxsulam



CAS 219714-96-2 MF $C_{16}H_{14}F_5N_2O_5S$ MW 483.37
PS S SOL A, MeOH, CN SG 1.61 g/cm³
MP 212 °C BP Decomposes ~214 °C

Matrix	Cat. No.	Unit
100 µg/mL in MeOH	P-1046S	1 mL

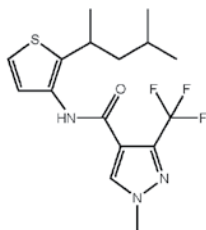
Pentanochlor



CAS 2307-68-8 MF $C_{13}H_{18}ClNO$ MW 239.74
PS S SOL T SG 1.11 g/cm³ MP 85-86 °C
BP 376 °C FP 181 °C

Matrix	Cat. No.	Unit
Neat	P-1067N	10 mg
100 µg/mL in MeOH	P-1067S	1 mL

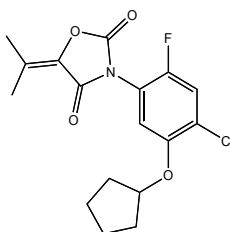
Penthiopyrad NEW



CAS 183675-82-3 MF $C_{16}H_{20}F_3N_3OS$ MW 359.41
PS S SOL A, EA, MeOH, T MP 108-109 °C
BP Decomposes ~314 °C

Matrix	Cat. No.	Unit
100 µg/mL in AcCN	P-1131S-CN	1 mL

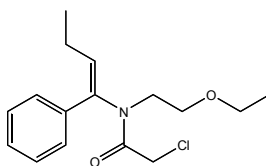
Pentoxazone



CAS 110956-75-7 MF $C_{17}H_{17}ClFNO_4$ MW 353.77
PS S SOL MeOH, H SG 1.42 g/cm³ MP 104 °C
BP 463-464 °C FP 234 °C

Matrix	Cat. No.	Unit
10 µg/mL in MeOH	P-1051S-0.1X	1 mL

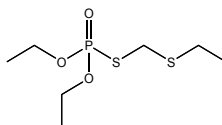
Pethoxamid



CAS 106700-29-2 MF $C_{16}H_{22}ClNO_2$ MW 295.80
PS S SOL EA, H, MeOH SG 1.19 g/cm³
MP 37-38 °C FP 182 °C

Matrix	Cat. No.	Unit
Neat	P-1047N	10 mg
100 µg/mL in MeOH	P-1047S	1 mL

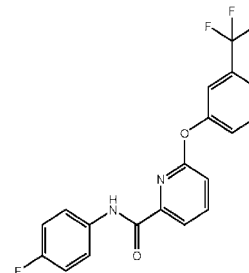
Phorate-oxon



CAS 2600-69-3 MF $C_8H_{17}O_3PS_2$ MW 244.31
PS L SG 1.17 g/cm³ BP 284-285 °C FP 126 °C

Matrix	Cat. No.	Unit
10 µg/mL in Toluene	P-1018S-T-0.1X	1 mL

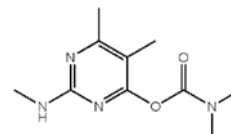
Picolinafen



CAS 137641-05-5 MF $C_{19}H_{12}F_4N_2O_2$ MW 376.30
PS S SOL A, EA, MeOH, T SG 1.45 g/cm³
MP 107-108 °C BP Decomposes ~230 °C

Matrix	Cat. No.	Unit
Neat	P-1061N	10 mg
100 µg/mL in MeOH	P-1061S	1 mL

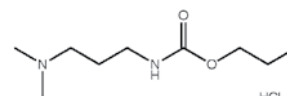
Pirimicarb-desmethyl NEW



CAS 30614-22-3 MF $C_{10}H_{16}N_4O_2$ MW 224.26
PS S SG 1.18 g/cm³ MP 112-115 °C
BP 377-378 °C FP 182 °C

Matrix	Cat. No.	Unit
100 µg/mL in AcCN	P-1139S-CN	1 mL

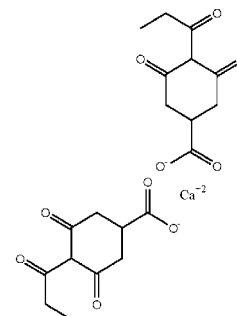
Propamocarb hydrochloride NEW



CAS 25606-41-1 MF $C_9H_{21}ClN_2O_2$ MW 224.73
PS S SOL A, D, EA SG 1.16 g/cm³
MP 64-65 °C BP Decomposes ~150 °C

Matrix	Cat. No.	Unit
100 µg/mL in AcCN	P-1137S-CN	1 mL

Prohexadione-calcium



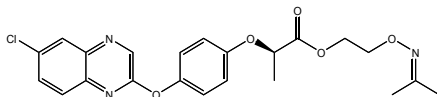
CAS 127277-53-6 MF $C_{20}H_{22}CaO_{10}$ MW 462.46
PS S SOL A, EA, H, MeOH SG 1.46 g/cm³
MP 360 °C BP 455 °C

Matrix	Cat. No.	Unit
Neat	P-1068N	10 mg
100 µg/mL in Water	P-1068S-W	1 mL



Supplement to Pesticide Guide (130 Additional Pesticides)

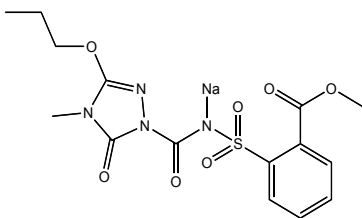
Propaquizafop



CAS 111479-05-1 **MF** C₂₂H₂₂ClN₃O₅ **MW** 443.88
PS S SOL A, T, MeOH **SG** 0.96 g/cm³
MP 66-67 °C **BP** Decomposes ~260 °C **FP** >200 °C

Matrix	Cat. No.	Unit
Neat	P-908N	10 mg
100 µg/mL in MeOH	P-908S	1 mL

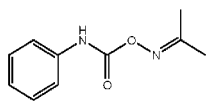
Propoxycarbazone-sodium



CAS 181274-15-7 **MF** C₁₅H₁₇N₄NaO₇S **MW** 420.37
PS S SOL D, A **SG** 1.42 g/cm³ **MP** 230 °C
BP Decomposes

Matrix	Cat. No.	Unit
Neat	P-1014N	10 mg
50 µg/mL in Water	P-1014S-W-0.5X	1 mL

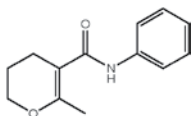
Proximpham



CAS 2828-42-4 **MF** C₁₀H₁₂N₂O₂ **MW** 192.21
PS S SOL A, MeOH **SG** 1.09 g/cm³ **MP** 43-44 °C

Matrix	Cat. No.	Unit
Neat	P-1081N	10 mg
100 µg/mL in MeOH	P-1081S	1 mL

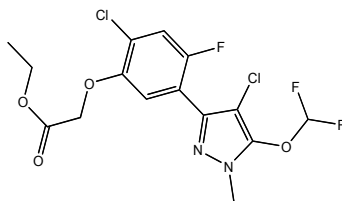
Pyracarbolid NEW



CAS 24691-76-7 **MF** C₁₃H₁₅NO₂ **MW** 217.26
PS S SOL A, MeOH **SG** 1.17 g/cm³
MP 143-144 °C **BP** 392 °C **FP** 191 °C

Matrix	Cat. No.	Unit
100 µg/mL in AcCN	P-792S-CN	1 mL

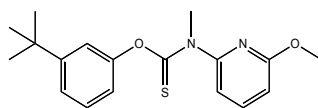
Pyraflufen-ethyl



CAS 129630-19-9 **MF** C₁₃H₉Cl₂F₃N₂O₄ **MW** 385.12
PS S SOL A, MeOH **SG** 1.64 g/cm³ **MP** 126-127 °C
FP 237 °C

Matrix	Cat. No.	Unit
Neat	P-1015N	10 mg
100 µg/mL in Acetone	P-1015S-A	1 mL

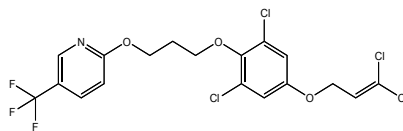
Pyributicarb



CAS 88678-67-5 **MF** C₁₆H₂₂N₂O₂S **MW** 330.45
PS S SG 1.16 g/cm³ **MP** 86 °C **BP** 427-428 °C
FP >200 °C

Matrix	Cat. No.	Unit
100 µg/mL in MeOH	P-987S	1 mL

Pyridalyl



CAS 179101-81-6 **MF** C₁₈H₁₄Cl₄F₃NO₃ **MW** 491.11
PS S SG 1.45 g/cm³ **MP** 192-193 °C
BP 545-546 °C **FP** 284 °C

Matrix	Cat. No.	Unit
Neat	P-990N	10 mg
100 µg/mL in MeOH	P-990S	1 mL

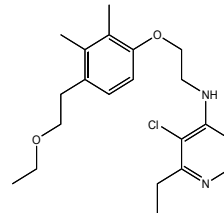
Property Key

CAS Chemical Abstract Service Number
MF Molecular Formula
MW Molecular Weight
PS Physical State (Solid, Liquid)
SOL Solubility
SG Specific Gravity (g/cm³)
MP Melting Point (°C)
BP Boiling Point (°C)
FP Flash Point (°C)

Solubility Key (SOL)

A Acetone
CN Acetonitrile (AcCN)
D Methylene chloride
DMSO Dimethyl sulfoxide
EA Ethyl acetate
H Hexane
IPA Isopropanol
MeOH Methanol
MC Methyl cellosolve
T Toluene
TP Isooctane
W Water

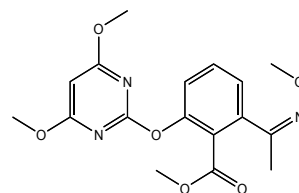
Pyrimidifen



CAS 105779-78-0 **MF** C₂₀H₂₆ClN₃O₂ **MW** 377.91
PS S SG 1.15 g/cm³ **MP** 70 °C **BP** 535-536 °C
FP 278 °C

Matrix	Cat. No.	Unit
100 µg/mL in MeOH	P-989S	1 mL

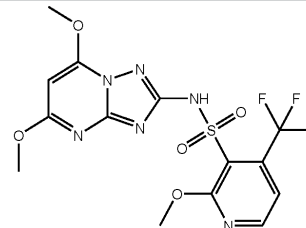
(E)-Pyriminobac-methyl



CAS 147411-69-6 **MF** C₁₇H₁₉N₃O₆ **MW** 361.35
PS S SOL A, EA, H, MeOH **SG** 1.33 g/cm³
MP 105 °C **BP** 536-537 °C **FP** 280 °C

Matrix	Cat. No.	Unit
50 µg/mL in MeOH	P-1030S-0.5X	1 mL

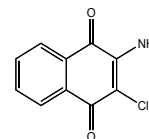
Pyroxsulam



CAS 422556-08-9 **MF** C₁₄H₁₃F₃N₆O₅ **MW** 434.35
PS S SOL A, EA, MeOH **SG** 1.62 g/cm³ **MP** 208 °C

Matrix	Cat. No.	Unit
Neat	P-1060N	10 mg
100 µg/mL in MeOH	P-1060S	1 mL

Quinoclamine

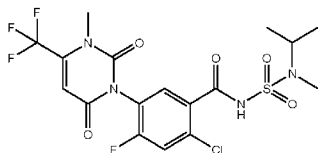


CAS 2797-51-5 **MF** C₁₀H₆ClNO₂ **MW** 207.61
PS S SOL EA, MeOH **SG** 1.55 g/cm³ **MP** 201 °C
BP 348 °C **FP** >200 °C

Matrix	Cat. No.	Unit
Neat	P-985N	10 mg
100 µg/mL in MeOH	P-985S	1 mL



Saflufenacil

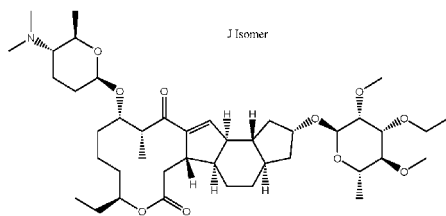


CAS 372137-35-4 **MF** C₁₇H₁₇ClF₄N₄O₅S
MW 500.85 **PS** S **SOL** A, EA, MeOH, T
SG 1.60 g/cm³ **MP** 189-190 °C

Matrix	Cat. No.	Unit
Neat	P-1078N	10 mg
100 µg/mL in MeOH	P-1078S	1 mL

Spinetoram

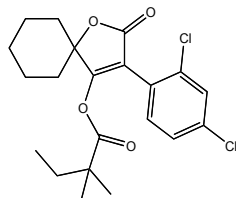
Mix of Isomers J & L



CAS 187166-40-1/187166-15-0 **MF** C₄₂H₆₉NO₁₀/
C₄₃H₆₉NO₁₀ **MW** 748.00/760.01 **PS** S **SOL** A,
MeOH **MP** 107-108 °C **BP** Decomposes ~293 °C

Matrix	Cat. No.	Unit
100 µg/mL in AcCN	P-1083S-CN	1 mL

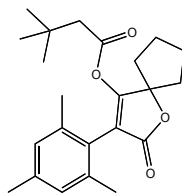
Spirodiclofen



CAS 148477-71-8 **MF** C₂₁H₂₄Cl₂O₄ **MW** 411.32
PS S **SOL** D, EA **SG** 1.29 g/cm³ **MP** 94-95 °C
BP Decomposes **FP** >200 °C

Matrix	Cat. No.	Unit
Neat	P-938N	10 mg
100 µg/mL in MeOH	P-938S	1 mL

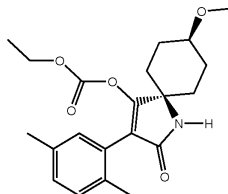
Spiromesifen



CAS 283594-90-1 **MF** C₂₃H₃₀O₄ **MW** 370.48
PS S **SOL** A, EA **SG** 1.13 g/cm³ **MP** 98 °C
BP Decomposes ~375 °C **FP** >200 °C

Matrix	Cat. No.	Unit
100 µg/mL in AcCN	P-960S-CN	1 mL

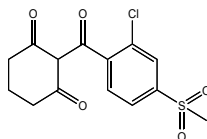
Spirotetramat



CAS 203313-25-1 **MF** C₂₁H₂₇NO₅ **MW** 373.44
PS S **SOL** D, EA, H, T **SG** 1.22 g/cm³ **MP** 142 °C

Matrix	Cat. No.	Unit
Neat	P-1077N	10 mg
100 µg/mL in AcCN	P-1077S-CN	1 mL

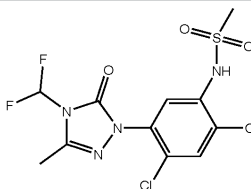
Sulcotrione



CAS 99105-77-8 **MF** C₁₄H₁₃ClO₅S **MW** 328.77
PS S **SOL** D, A **MP** 139 °C **BP** Decomposes

Matrix	Cat. No.	Unit
Neat	P-951N	10 mg
100 µg/mL in MeOH	P-951S	1 mL

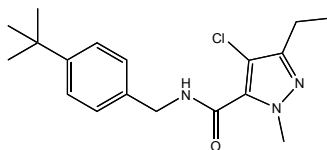
Sulfentrazone



CAS 122836-35-5 **MF** C₁₁H₁₀Cl₂F₂N₄O₃S
MW 387.19 **PS** S **SG** 0.53 g/cm³ **MP** 122 °C

Matrix	Cat. No.	Unit
Neat	P-798N	10 mg
100 µg/mL in AcCN	P-798S-CN	1 mL

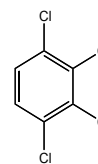
Tebufenpyrad



CAS 119168-77-3 **MF** C₁₈H₂₄ClN₃O **MW** 333.86
PS S **SOL** D, H, MeOH, A **SG** 1.17 g/cm³
MP 65 °C **BP** Decomposes ~250 °C **FP** >200 °C

Matrix	Cat. No.	Unit
Neat	P-877N	10 mg
100 µg/mL in MeOH	P-877S	1 mL

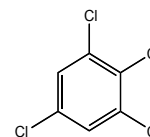
1,2,3,4-Tetrachlorobenzene



CAS 634-66-2 **MF** C₆H₂Cl₄ **MW** 215.89 **PS** S
SG 1.57 g/cm³ **MP** 44 °C **BP** 252 °C **FP** 112 °C

Matrix	Cat. No.	Unit
Neat	P-999N	10 mg
100 µg/mL in MeOH	P-999S	1 mL

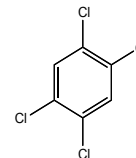
1,2,3,5-Tetrachlorobenzene



CAS 634-90-2 **MF** C₆H₂Cl₄ **MW** 215.89 **PS** S
SG 1.57 g/cm³ **MP** 54-55 °C **BP** 246 °C **FP** 110 °C

Matrix	Cat. No.	Unit
Neat	P-1001N	10 mg
100 µg/mL in Isooctane	P-1001S-TP	1 mL

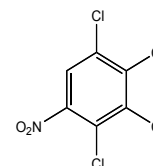
1,2,4,5-Tetrachlorobenzene



CAS 95-94-3 **MF** C₆H₂Cl₄ **MW** 215.89 **PS** S
SOL T **SG** 1.86 g/cm³ **MP** 139-142 °C
BP 240-246 °C **FP** >109 °C

Matrix	Cat. No.	Unit
Neat	P-1003N	10 mg
100 µg/mL in MeOH	P-1003S	1 mL

1,2,3,4-Tetrachloro-5-nitrobenzene



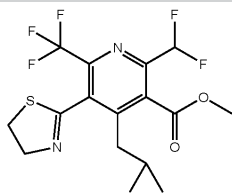
CAS 879-39-0 **MF** C₆HCl₄NO₂ **MW** 260.89 **PS** S
SG 1.75 g/cm³ **MP** 65 °C **BP** 315 °C

Matrix	Cat. No.	Unit
Neat	P-1000N	10 mg
100 µg/mL in MeOH	P-1000S	1 mL



Supplement to Pesticide Guide (130 Additional Pesticides)

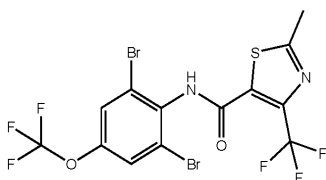
Thiazopyr



CAS 117718-60-2 **MF** C₁₆H₁₇F₅N₂O₂S **MW** 396.38
PS S **SOL** H, MeOH **SG** 1.37 g/cm³ **MP** 77-78 °C

Matrix	Cat. No.	Unit
Neat	P-808N	10 mg
100 µg/mL in MeOH	P-808S	1 mL

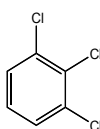
Thifluzamide NEW



CAS 130000-40-7 **MF** C₁₃H₆Br₂F₆N₂O₂S
MW 528.06 **PS S** **SG** 2.0 g/cm³ **MP** 178 °C
BP Decomposes **FP** 177 °C

Matrix	Cat. No.	Unit
Neat	P-1055N	10 mg
100 µg/mL in MeOH	P-1055S	1 mL

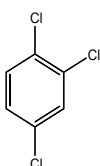
1,2,3-Trichlorobenzene



CAS 87-61-6 **MF** C₆H₃Cl₃ **MW** 181.45 **PS S**
SG 1.69 g/cm³ **MP** 50-54 °C **BP** 218-219 °C
FP 126 °C

Matrix	Cat. No.	Unit
Neat	P-1002N	10 mg
100 µg/mL in Isooctane	P-1002S-TP	1 mL

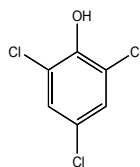
1,2,4-Trichlorobenzene



CAS 120-82-1 **MF** C₆H₃Cl₃ **MW** 181.45 **PS L**
SG 1.45 g/cm³ **MP** 16 °C **BP** 214 °C **FP** 110 °C

Matrix	Cat. No.	Unit
Neat	P-1004N	10 mg
100 µg/mL in MeOH	P-1004S	1 mL

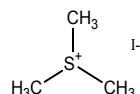
2,4,6-Trichlorophenol



CAS 88-06-2 **MF** C₆H₃Cl₃O **MW** 197.45 **PS S**
SG 1.49 g/cm³ **MP** 65 °C **BP** 246 °C **FP** 99 °C

Matrix	Cat. No.	Unit
Neat	P-1006N	10 mg
100 µg/mL in MeOH	P-1006S	1 mL

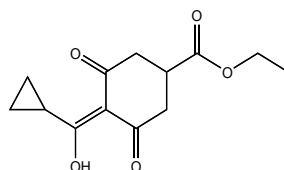
Trimethylsulfonium iodide



CAS 2181-42-2 **MF** C₃H₉IS **MW** 204.07
PS S **MP** 215-220 °C

Matrix	Cat. No.	Unit
Neat	P-1016N	10 mg
100 µg/mL in MeOH	P-1016S	1 mL

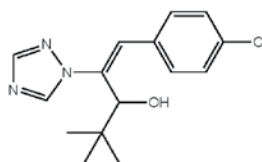
Trinexapac-ethyl



CAS 95266-40-3 **MF** C₁₃H₁₆O₅ **MW** 252.26
SOL A, H, MeOH **PS S** **SG** 1.31 g/cm³
MP 32-36 °C **BP** 270 °C **FP** >200 °C

Matrix	Cat. No.	Unit
Neat	P-1034N	10 mg
100 µg/mL in MeOH	P-1034S	1 mL

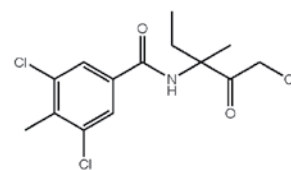
Uniconazole NEW



CAS 83657-22-1 **MF** C₁₅H₁₈ClN₃O **MW** 291.78
PS S **SG** 1.18 g/cm³ **MP** 152-153 °C
BP 474-475 °C **FP** 240 °C

Matrix	Cat. No.	Unit
100 µg/mL in AcCN	P-1092S-CN	1 mL

Zoxamide NEW



CAS 156052-68-5 **MF** C₁₄H₁₆Cl₃NO₂ **MW** 336.64
PS S **SOL** A, EA **SG** 1.38 g/cm³ **MP** 160 °C
FP 205 °C

Matrix	Cat. No.	Unit
100 µg/mL in AcCN	P-970S-CN	1 mL

Property Key

CAS Chemical Abstract
Service Number
MF Molecular Formula
MW Molecular Weight
PS Physical State
(Solid, Liquid)
SOL Solubility
SG Specific Gravity
(g/cm³)
MP Melting Point (°C)
BP Boiling Point (°C)
FP Flash Point (°C)

Solubility Key (SOL)

A Acetone
CN Acetonitrile (AcCN)
D Methylene chloride
DMSO Dimethyl sulfoxide
EA Ethyl acetate
H Hexane
IPA Isopropanol
MeOH Methanol
MC Methyl cellosolve
T Toluene
TP Isooctane
W Water