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Typical Product Specifications & Properties

Fenitrothion

CAS Number: : 122-14-5

Specifications	Limits
Molecular weight	277.23
EINECS	204-524-2
Water solubility	0.003 g/100 mL
Density	1.3227
Merck	13,4003
Storage Temperature	APPROX 4°C
Boiling Point	140-145°C (0.05 torr)
Melting Point	3.4°C
Flash Point	>100 °C
Refractive Index	nD25 1.5528
Molecular weight	269.30
EINECS	220-600-8



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Specifications	Limits
SMILES	<chem>c1(\N=N\c2ccc(NC(C)=O)cc2)c(ccc(c1)C)O</chem>
InChI	PXOZAFXVEWKXED-ISLYRVAYSA-N
InChIKey	1S/C15H15N3O2/c1-10-3-8-15(20)14(9-10)18-17-13-6-4-12(5-7-13)16-11(2)19/h3-9,20H,1-2H3,(H,16,19)/b18-17+
Melting Point	268-270 °C
Henry's Law Constant	1.50E-11 atm-m ³ /mole
Melting Point	195 °C
Water solubility	1.18 mg/L
Atmospheric OH Rate Constant	2.15E-11 cm ³ /molecule-sec
log P (octanol-water)	3.980



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