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Typical Product Specifications & Properties

Prothoate

CAS Number : 2275-18-5

Specifications	Limits
Molecular weight	285.36
EINECS	218-893-2
SMILES	CCOP(=S)(OCC)SCC(=O)NC(C)C
InChI	QTXHFDHVLBDJIO-UHFFFAOYSA-N
InChIKey	1S/C9H20NO3PS2/c1-5-12-14(15,13-6-2)16-7-9(11)10-8(3)4/h8H,5-7H2,1-4H3,(H,10,11)
Atmospheric OH Rate Constant	1.20E-10 cm ³ /molecule-sec
Melting Point	28.5 °C
Water solubility	2500 mg/L
Vapor Pressure	9.75E-05 mm Hg
Henry's Law Constant	6.55E-11 atm-m ³ /mole
log P (octanol-water)	2.170



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