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Typical Product Specifications & Properties

Prothiofos

CAS Number: : 34643-46-4

Specifications	Limits
Molecular weight	345.25
SMILES	<chem>CCCSP(=S)(OCC)Oc1ccc(cc1Cl)Cl</chem>
InChI	1S/C11H15Cl2O2PS2/c1-3-7-18-16(17,14-4-2)15-11-6-5-9(12)8-10(11)13/h5-6,8H,3-4,7H2,1-2H3
InChIKey	FITIWKDOCAUBQD-UHFFFAOYSA-N
Atmospheric OH Rate Constant	9.79E-11 cm ³ /molecule-sec
Melting Point	< 25 ° C
Vapor Pressure	9.40E-06 mm Hg
Henry's Law Constant	3.01E-05 atm-m ³ /mole
Water solubility	0.07 mg/L
log P (octanol-water)	5.67



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