



www.parchem.com

## Typical Product Specifications & Properties

# Sulprofos

CAS Number: : 35400-43-2

Specifications	Limits
Molecular weight	322.45
SMILES	<chem>O([P@@](SCCC)(OCC)=S)c1ccc(SC)cc1</chem>
InChI	1S/C12H19O2PS3/c1-4-10-18-15(16,13-5-2)14-11-6-8-12(17-3)9-7-11/h6-9H,4-5,10H2,1-3H3
InChIKey	JXHJNEJVUNHLKO-UHFFFAOYSA-N
Henry's Law Constant	1.64E-06 atm-m <sup>3</sup> /mole
Water solubility	0.31 mg/L
log P (octanol-water)	5.48
Atmospheric OH Rate Constant	1.07E-10 cm <sup>3</sup> /molecule-sec
Melting Point	-1.50E+01 &deg; C
Vapor Pressure	1.20E-06 mm Hg

