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Typical Product Specifications & Properties

Phosphorothioic Acid, O,O',S-Trimethyl Ester

CAS Number: : 152-20-5

Specifications	Limits
Molecular weight	156.14
SMILES	<chem>COP(=O)(OC)SC</chem>
InChI	1S/C3H9O3PS/c1-5-7(4,6-2)8-3/h1-3H3
InChIKey	WTUNGUOZHBRADH-UHFFFAOYSA-N
log P (octanol-water)	0.040
Henry's Law Constant	1.37E-07 atm-m ³ /mole
Vapor Pressure	0.206 mm Hg
Water solubility	6.57E+04 mg/L
Atmospheric OH Rate Constant	9.29E-12 cm ³ /molecule-sec
Chemical Structure	 59763_59763_phosphorothioic-acid-o-o-s-trimethyl-ester.png chemical structure



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