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## Typical Product Specifications & Properties

### Phosphorothioic acid, O-[4-[(dimethylamino)sulfonyl]phenyl] O,O-dimethyl ester

CAS Number: : 52-85-7

Specifications	Limits
Molecular weight	325.34
EINECS	200-154-0
SMILES	<chem>P(=S)(Oc1ccc(cc1)S(=O)(=O)N(C)C)(OC)OC</chem>
InChI	JISACBWYRJHSMG-UHFFFAOYSA-N
InChIKey	1S/C10H16NO5PS2/c1-11(2)19(12,13)10-7-5-9(6-8-10)16-17(18,14-3)15-4/h5-8H,1-4H3
Atmospheric OH Rate Constant	6.19E-11 cm <sup>3</sup> /molecule-sec
Melting Point	53 &deg; C
Water solubility	109 mg/L
log P (octanol-water)	2.23
Henry's Law Constant	1.61E-08 atm-m <sup>3</sup> /mole
Vapor Pressure	1.36E-06 mm Hg