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Typical Product Specifications & Properties

Soman.

CAS Number: : 96-64-0

Specifications	Limits
Molecular weight	182.17
SMILES	C([C@@H](O[P@@](C)(=O)F)C)(C)(C)C
InChI	GRXKLBBBQUKJJZ-UHFFFAOYSA-N
InChIKey	1S/C7H16FO2P/c1-6(7(2,3)4)10-11(5,8)9/h6H,1-5H3
Atmospheric OH Rate Constant	4.97E-11 cm ³ /molecule-sec
log P (octanol-water)	1.78
Boiling Point	198 ° C
Water solubility	2.10E+04 mg/L
Henry's Law Constant	4.57E-06 atm-m ³ /mole
Vapor Pressure	0.4 mm Hg
Melting Point	-4.20E+01 ° C



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