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## Typical Product Specifications & Properties

# Diisopropyl phosphorofluoridate

CAS Number: : 55-91-4

Specifications	Limits
Molecular weight	184.15
EINECS	200-247-6
InChI	1S/C6H14FO3P/c1-5(2)9-11(7,8)10-6(3)4/h5-6H,1-4H3
InChIKey	MUCZHBLJLSDCSD-UHFFFAOYSAN
Water solubility	1.54E+04 mg/L
log P (octanol-water)	1.130
Henry's Law Constant	9.11E-06 atm-m <sup>3</sup> /mole
Atmospheric OH Rate Constant	8.02E-11 cm <sup>3</sup> /molecule-sec
Melting Point	-8.20E+01 &deg; C
Vapor Pressure	0.579 mm Hg
Boiling Point	183 &deg; C
Vapor Pressure	0.58 mm Hg ( 20 &deg; C)



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Specifications	Limits
Boiling Point	62 &deg;C/9 mm Hg
Storage Temperature	2-8&deg;C
Density	1.06 g/mL at 25 &deg;C
Merck	13,5194
Refractive Index	1.385
Stability	Stable. Moisture sensitive.
Melting Point	-82 &deg;C
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SMILES	P(OC(C)C)(OC(C)C)(=O)F
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