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Typical Product Specifications & Properties

Methyl phenyl sulfoxide

CAS Number: : 1193-82-4

Specifications	Limits
Molecular weight	140.20
EINECS	214-781-2
SMILES	<chem>c1(ccccc1)[S@@](C)=O</chem>
InChI	1S/C7H8OS/c1-9(8)7-5-3-2-4-6-7/h2-6H,1H3
InChIKey	JXTGICXCHWMCPM-UHFFFAOYSA-N
Boiling Point	263.5 ° C
Vapor Pressure	0.020 mm Hg
Atmospheric OH Rate Constant	6.15E-11 cm ³ /molecule-sec
Water solubility	2.83E+04 mg/L
log P (octanol-water)	0.55
Melting Point	32 ° C
Henry's Law Constant	9.91E-09 atm-m ³ /mole



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Specifications	Limits
Refractive Index	1.5775
Sensitive	Hygroscopic
Boiling Point	139-140 °C/4 mm Hg
Flash Point	187 °F
Storage Temperature	2-8°C
Melting Point	26-29 °C
BRN Number	1904976



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