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Typical Product Specifications & Properties

8-Hydroxy-5-nitroquinoline

CAS Number: : 4008-48-4

Specifications	Limits
Molecular weight	190.16
InChI	1S/C9H6N2O3/c12-8-4-3-7(11(13)14)6-2-1-5-10-9(6)8/h1-5,12H
InChIKey	RJIWZDNTCBHXAL-UHFFFAOYSA-N
Molecular weight	182.22
SMILES	<chem>c1cccc(OC[C@@H](CO)O)c1C</chem>
InChI	1S/C10H14O3/c1-8-4-2-3-5-10(8)13-7-9(12)6-11/h2-5,9,11-12H,6-7H2,1H3
InChIKey	JWDYCNIQWPBHD-UHFFFAOYSA-N
Water solubility	1.18E+04 mg/L
Melting Point	70 dec ° C
Atmospheric OH Rate Constant	4.81E-11 cm ³ /molecule-sec
log P (octanol-water)	1.41
Vapor Pressure	5.43E-06 mm Hg



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Specifications	Limits
Henry's Law Constant	8.29E-10 atm-m ³ /mole



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