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Typical Product Specifications & Properties

Ranitidine

CAS Number : 66357-35-5

Specifications	Limits
Molecular weight	314.40
EINECS	266-332-5
SMILES	<chem>CNC(=C[N+](=O)[O-])NCCSCc1oc(CN(C)C)cc1</chem>
InChI	1S/C13H22N4O3S/c1-14-13(9-17(18)19)15-6-7-21-10-12-5-4-11(20-12)8-16(2)3/h4-5,9,14-15H,6-8,10H2,1-3H3/b13-9+
InChIKey	VMXUWOKSQNHOCA-UKTHLTGXSA-N
Henry's Law Constant	3.42E-15 atm-m ³ /mole
Water solubility	2.47E+04 mg/L
Vapor Pressure	1.20E-07 mm Hg
log P (octanol-water)	0.27
Atmospheric OH Rate Constant	3.62E-10 cm ³ /molecule-sec
Melting Point	69-70 °C
Color	tan





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Specifications	Limits
Solubility	H2O: 1.8 mg/mL
Form	solid
Storage Temperature	Desiccate at +4°C
Melting Point	69-70°C
Water solubility	24.7 mg/mL



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415 Huguenot Street, New Rochelle, New York 10801

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