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Typical Product Specifications & Properties

Loratadine

CAS Number: : 79794-75-5

Specifications	Limits
Molecular weight	382.88
SMILES	<chem>CCOC(=O)N1CCC(=C2c3ccc(cc3CCc4c2nccc4)Cl)CC1</chem>
InChI	JCCNYMKQOSZNPW-UHFFFAOYSA-N
InChIKey	1S/C22H23ClN2O2/c1-2-27-22(26)25-12-9-15(10-13-25)20-19-8-7-18(23)14-17(19)6-5-16-4-3-11-24-21(16)20/h3-4,7-8,11,14H,2,5-6,9-10,12-13H2,1H3
Stability	Stable, but may be heat sensitive - refrigerate. Incompatible with strong oxidizing agents.
Melting Point	134-136°C
Color	white
Form	powder
Storage Temperature	2-8°C
Solubility	DMSO: 26 mg/mL, soluble
Atmospheric OH Rate Constant	1.43E-10 cm ³ /molecule-sec
Henry's Law Constant	3.19E-13 atm-m ³ /mole



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Specifications	Limits
Melting Point	134-136 ° C
log P (octanol-water)	5.2
Water solubility	0.011 mg/L
Vapor Pressure	1.56E-09 mm Hg
Water solubility	It is soluble in DMSO (50 mg/ml), ethanol (77 mg/ml at 25°C), water (<1 mg/ml at 25°C), chloroform, and methanol.
RTECS	TM6129200



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