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Typical Product Specifications & Properties

Cinchonidine

CAS Number: : 485-71-2

Specifications	Limits
Molecular weight	294.39
EINECS	207-622-3
SMILES	<chem>O[C@@H]([C@@H]1C[C@@H]2CCN1C[C@@H]2C=C)c3ccnc4ccccc34</chem>
InChI	1S/C19H22N2O/c1-2-13-12-21-10-8-14(13)11-18(21)19(22)16-7-9-20-17-6-4-3-5-15(16)17/h2-7,9,13-14,18-19,22H,1,8,10-12H2/t13?,14?,18-,19+/m1/s1
InChIKey	KMPWYEUPVWOPIM-AREIWFIDSA-N
Henry's Law Constant	1.45E-14 atm-m ³ /mole
Melting Point	210.5 ° C
log P (octanol-water)	2.82
Vapor Pressure	9.04E-10 mm Hg
Atmospheric OH Rate Constant	1.33E-10 cm ³ /molecule-sec
Water solubility	200 mg/L
Stability	Stable, but light-sensitive. Incompatible with strong oxidizing agents.





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Specifications	Limits
Alpha	-115 ° (c=1, EtOH)
Storage Temperature	Refrigerator
Water solubility	Insoluble
Sensitive	Light Sensitive
BRN Number	89690
Refractive Index	-107.5 ° (C=1, EtOH)
Merck	14,2286
Melting Point	204-206 °C



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415 Huguenot Street, New Rochelle, New York 10801

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