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Typical Product Specifications & Properties

d-Cysteine Hydrochloride

CAS Number: : 32443-99-5

Specifications	Limits
Molecular weight	175.63
EINECS	251-043-9
Melting Point	~185 °C (dec.)
Storage Temperature	2-8°C
Alpha	-6.4 ° (c=5%,5M HCl)
Molecular weight	354.49
EINECS	200-024-3
SMILES	<chem>c1cc(ccc1C(c2ccc(cc2)Cl)C(Cl)(Cl)Cl)Cl</chem>
InChI	1S/C14H9Cl5/c15-11-5-1-9(2-6-11)13(14(17,18)19)10-3-7-12(16)8-4-10/h1-8,13H
InChIKey	YVGGHNCTFXOJCH-UHFFFAOYSA-N
Water solubility	0.0055 mg/L
Vapor Pressure	1.60E-07 mm Hg



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Specifications	Limits
log P (octanol-water)	6.91
Melting Point	108.5 ° C
Atmospheric OH Rate Constant	3.44E-12 cm ³ /molecule-sec
Henry's Law Constant	8.32E-06 atm-m ³ /mole



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