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Typical Product Specifications & Properties

Dilithium Tetrachlorocuprate

CAS Number: : 15489-27-7

Specifications	Limits
Molecular weight	219.24
EINECS	203-726-8
SMILES	[Cu+2].[Cl-].[Cl-].[Cl-].[Cl-].[Li+].[Li+]
InChI	HCJWWBBBSCXJMS-UHFFFAOYSA-J
InChIKey	1S/4ClH.Cu.2Li/h4*1H;;;/q;;;+2*+1/p-4
Molecular weight	450.98
EINECS	251-443-3
SMILES	Cl.COc1ccc(cc1)[C@@H]2Sc3ccccc3N(CCN(C)C)C(=O)[C@@H]2OC(=O)C
InChI	HDRXZJPWHTXQRI-BHDTVMLSSA-N
InChIKey	1S/C22H26N2O4S.ClH/c1-15(25)28-20-21(16-9-11-17(27-4)12-10-16)29-19-8-6-5-7-18(19)24(22(20)26)14-13-23(2)3;/h5-12,20-21H,13-14H2,1-4H3;1H/t20-,21+;/m1./s1
Melting Point	207.5-212 ° C
log P (octanol-water)	2.7



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Specifications	Limits
Water solubility	12.3 mg/L
Henry's Law Constant	8.61E-17 atm-m ³ /mole
Atmospheric OH Rate Constant	1.80E-10 cm ³ /molecule-sec
Vapor Pressure	1.54E-11 mm Hg
Storage Temperature	2-8°C
Flash Point	2?
Melting Point	212-214 °C
Merck	13,3226
Refractive Index	118 ° (C=1, H ₂ O)
Water solubility	soluble



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