

Typical Product Specifications & Properties

Cefalotin sodium salt

CAS Number: : 58-71-9

Specifications	Limits
Molecular weight	418.42
SMILES	<chem>CC(=O)OCC1=C(N2[C@@H]([C@@H](C2=O)NC(=O)Cc3cccs3)SC1)C(=O)[O-].[Na+]</chem>
InChI	VUFGUVLLDPOSBC-XRZFDKQNSA-M
InChIKey	1S/C16H16N2O6S2.Na/c1-8(19)24-6-9-7-26-15-12(14(21)18(15)13(9)16(22)23)17-11(20)5-10-3-2-4-25-10;/h2-4,12,15H,5-7H2,1H3,(H,17,20)(H,22,23);/q:+1/p-1/t12-,15-;/m1./s1
Melting Point	204.5 ° C
Atmospheric OH Rate Constant	1.39E-10 cm ³ /molecule-sec
log P (octanol-water)	-2.20E+00
Henry's Law Constant	1.74E-17 atm-m ³ /mole
Water solubility	158 mg/L
Vapor Pressure	1.67E-14 mm Hg