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## Typical Product Specifications & Properties

# Cefazolin

CAS Number : 25953-19-9

Specifications	Limits
Molecular weight	454.51
EINECS	247-362-8
SMILES	<chem>Cc1nnc(s1)SCC2=C(N3[C@@H]([C@@H](C3=O)NC(=O)Cn4cnnn4)SC2)C(=O)O</chem>
InChI	MLYYVTUWGNIJIB-BXKDBHET SA-N
InChIKey	1S/C14H14N8O4S3/c1-6-17-18-14(29-6)28-4-7-3-27-12-9(11(24)22(12)10(7)13(25)26)16-8(23)2-21-5-15-19-20-21/h5,9,12H,2-4H2,1H3,(H,16,23)(H,25,26)/t9-,12-/m1/s1
Atmospheric OH Rate Constant	1.23E-10 cm <sup>3</sup> /molecule-sec
Water solubility	214 mg/L
Henry's Law Constant	2.01E-23 atm-m <sup>3</sup> /mole
Vapor Pressure	1.50E-18 mm Hg
log P (octanol-water)	-0.58
Melting Point	198-200 C



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