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## Typical Product Specifications & Properties

# Cefuroxime Free Acid

CAS Number: : 55268-75-2

Specifications	Limits
Molecular weight	424.39
EINECS	259-560-1
SMILES	<chem>CO\N=C(/C(=O)N[C@H]1[C@H]2SCC(=C(N2C1=O)C(=O)O)C</chem>
InChI	JFPVXVDWJQMJEE-IZRZKJBUSA-N
InChIKey	1S/C16H16N4O8S/c1-26-19-9(8-3-2-4-27-8)12(21)18-10-13(22)20-16(17)25)6-29-14(10)20/h2-4,10,14H,5-6H2,1H3,(H2,17,25)(H,18,9-/t10,14-/m1/s1
Atmospheric OH Rate Constant	2.10E-10 cm <sup>3</sup> /molecule-sec
Henry's Law Constant	2.77E-21 atm-m <sup>3</sup> /mole
Water solubility	145 mg/L
Vapor Pressure	1.72E-15 mm Hg
log P (octanol-water)	-0.16
Melting Point	171.5-173&deg;C
Density	1.76



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