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Typical Product Specifications & Properties

Streptomycin

CAS Number: : 57-92-1

Specifications	Limits
Molecular weight	581.57
EINECS	223-286-0
SMILES	<chem>CN[C@H]1[C@H](O)[C@@H](O)[C@H](CO)O[C@H]1O[C@H]2(O[C@H]3[C@H](O)[C@@H](O)[C@H](NC(=N)N)[C@@H](O)[C@@H]3NC(=N)N)O[C@@H](C)[C@]2(O)C=O</chem>
InChI	UCSJYZPVAKXKNQ-HZYVHMACSA-N
InChIKey	1S/C21H39N7O12/c1-5-21(36,4-30)16(40-17-9(26-2)13(34)10(32)29)38-17)18(37-5)39-15-8(28-20(24)25)11(32)7(27-19(22)23)12(33)14(15)35/h4-18,26,29,31-36H,3H2,1-2H3,(H4,22,(H4,24,25,28)/t5-,6-,7+,8-,9-,10-,11+,12-,13-,14+,15+,16-,17-,18-,2
Water solubility	1.00E+06 mg/L
Henry's Law Constant	8.41E-44 atm-m ³ /mole
Vapor Pressure	5.82E-28 mm Hg
log P (octanol-water)	-7.530
Atmospheric OH Rate Constant	5.51E-10 cm ³ /molecule-sec



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