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Typical Product Specifications & Properties

1-Deoxynojirimycin

CAS Number: : 19130-96-2

Specifications	Limits
Molecular weight	163.17
SMILES	<chem>C1[C@@H]([C@H]([C@@H]([C@H](N1)CO)O)O)O</chem>
InChI	LXBIFEVIBLOUGU-JGWLITMVSA-N
InChIKey	1S/C6H13NO4/c8-2-3-5(10)6(11)4(9)1-7-3/h3-11H,1-2H2/t3-,4+,5-,6-/m1/s1
Water solubility	1.00E+06 mg/L
log P (octanol-water)	-1.80E+00
Vapor Pressure	5.38E-08 mm Hg
Atmospheric OH Rate Constant	1.36E-10 cm ³ /molecule-sec
Henry's Law Constant	4.07E-14 atm-m ³ /mole
Melting Point	195-196°C
Water solubility	Soluble in water, dimethyl sulfoxide and methanol.
Storage Temperature	Desiccate at +4°C



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Specifications	Limits
RTECS® Numbers	TN4350300
Chemical Structure	 37548_1-deoxynojirimycin.png chemical structure



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