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## Typical Product Specifications & Properties

# Dihydrostreptomycin

CAS Number: : 128-46-1

Specifications	Limits
Molecular weight	583.59
EINECS	204-888-2
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)CO</chem>
InChI	ASXBYYWOLISCLQ-HZ YVHMACSA-N
InChIKey	1S/C21H41N7O12/c1-5-21(36,4-30)16(40-17-9(26-2)13(34)10(32)7(27-19(22)23)12(33)14(15)35/h5-18,26,29-36H,3-4H2,1-2H3,(H4,22,2(H4,24,25,28))/t5-,6-,7+,8-,9-,10-,11+,12-,13-,14+,15+,16-,17-,18-,2
log P (octanol-water)	-7.510
Atmospheric OH Rate Constant	4.98E-10 cm <sup>3</sup> /molecule-sec

