

Product Datasheet

Amikacin sulfate (orb1304511)

Catalog Number	orb1304511
Category	Small Molecules
Description	Amikacin sulfate
Target	Antibacterial,Antibiotic,ribosome
Purity	99.86%
MW	762.03
Target Areas	Antibacterial ribosome Antibiotic
Solubility (25°C)	H2O:10 mM;DMSO:Insoluble
CAS Number	149022-22-0
Formula	$C_{22}H_{43}N_5O_{13} \cdot 9/5H_2O_4S$
SMILES	<chem>OS(O)(=O)=O.NCC[C@H](O)C(=O)N[C@@H]1C[C@H](N)[C@H](O[C@H]2O[C@@H](CN)[C@@H](O)[C@H](O)[C@H]2O)[C@H](O)[C@@H]1O[C@H]1O[C@@H](CO)[C@@H](O)[C@H](N)[C@H]1O</chem>
Storage	Powder: -20°C for 3 years In solvent: -80°C for 1 year Shipping with blue ice/Shipping at ambient temperature.
Note	For research use only
Expiration Date	12 months from date of receipt.

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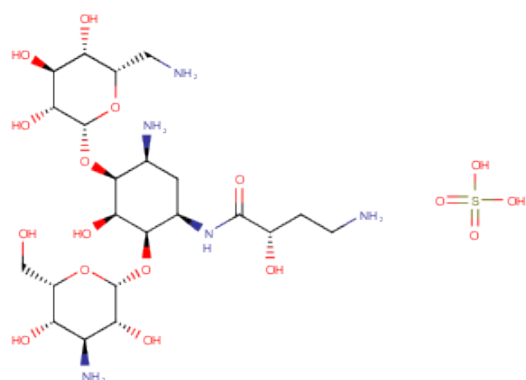
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Chemical structure of Amikacin sulfate.

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