

Product Datasheet

Netilmicin sulfate (orb1224650)

Catalog Number	orb1224650
Category	Small Molecules
Description	Netilmicin Sulfate is a member of the aminoglycoside family of antibiotics.
Target	Others
Purity	>98% (HPLC)
MW	720.78
Solubility (25°C)	Water: 288 mg/mL (199.78 mM)
CAS Number	56391-57-2
Formula	$C_{21}H_{41}N_5O_7 \cdot 5/2H_2SO_4$
SMILES	<chem>O[C@H]1[C@@H](O[C@@H]2[C@@H](O)[C@H](O[C@@H]3[C@H](N)CC=C(CN)O3)[C@@H](N)C[C@H]2NCC)OC[C@@](O)(C)[C@@H]1NC.O=S(O)(O)=O</chem>
Chemical Name	(2R,3R,4R,5R)-2-[(1S,2S,3R,4S,6R)-4-Amino-3-[[[(2S,3R)-3-amino-6-(aminomethyl)-3,4-dihydro-2H-pyran-2-yl]oxy]-6-(ethylamino)-2-hydroxycyclohexyl]oxy-5-methyl-4-(methylamino)oxane-3,5-diol sulfate
Storage	Storage temperature: -20°C. Stability: ≥ 2 years
Note	For research use only
Expiration Date	12 months from date of receipt.

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