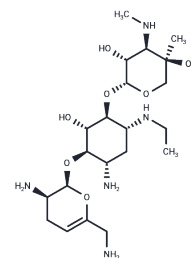


Netilmicin

Chemical Properties

CAS No. :	56391-56-1
Formula:	C ₂₁ H ₄₁ N ₅ O ₇
Molecular Weight:	475.58
Storage:	Powder: -20°C for 3 years In solvent: -80°C for 1 year Actual storage temperature shall be subject to the COA.



Biological Description

Description	Netilmicin (Sch 20569) is an antibiotic that shows bacteriostatic activity against aminoglycoside-sensitive and aminoglycoside-resistant Gram-negative bacteria, including Escherichia coli, Pseudomonas aeruginosa, Proteus, Staphylococcus aureus, Streptococcus, Serratia, and Enterobacter, with a minimum inhibitory concentration (MIC) ranging from 0.125 to 8 µg/mL.
Targets(IC50)	Antibacterial, Antibiotic

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.1027 mL	10.5135 mL	21.027 mL
5 mM	0.4205 mL	2.1027 mL	4.2054 mL
10 mM	0.2103 mL	1.0513 mL	2.1027 mL
50 mM	0.0421 mL	0.2103 mL	0.4205 mL

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. Please use it as soon as possible.

Note: The dilution table applies only to solid products. For liquid products, please calculate the stock solution based on the stated concentration and/or density.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

This product is for Research Use Only · Not for Human or Veterinary or Therapeutic Use

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