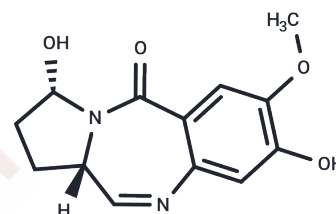


Neothramycin A

Chemical Properties

CAS No. :	59593-16-7
Formula:	C ₁₃ H ₁₄ N ₂ O ₄
Molecular Weight:	262.26
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	Neothramycin A is an antibiotic isolated from Streptomyces. It exhibits broad-spectrum antibacterial activity with a minimum inhibitory concentration (MIC) of 25-100 µg/mL against Staphylococcus aureus, Klebsiella pneumoniae, Escherichia coli W677, and Saccharomyces cerevisiae. In mouse models, Neothramycin A demonstrates antitumor activity against leukemia.
Targets(IC50)	Antibacterial, Antibiotic, Antifungal

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.813 mL	19.065 mL	38.1301 mL
5 mM	0.7626 mL	3.813 mL	7.626 mL
10 mM	0.3813 mL	1.9065 mL	3.813 mL
50 mM	0.0763 mL	0.3813 mL	0.7626 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

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