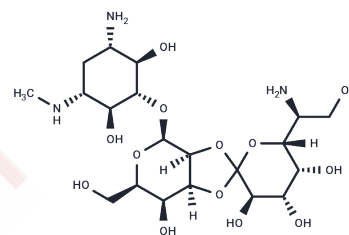


Destomycin A

Chemical Properties

CAS No. :	14918-35-5
Formula:	C ₂₀ H ₃₇ N ₃ O ₁₃
Molecular Weight:	527.52
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	Destomycin A, an aminoglycoside antibiotic, exhibits activity against bacterial (Gram-positive and Gram-negative), antifungal, and anthelmintic agents. It inhibits peptide synthesis in Escherichia coli cells and stimulates adenylate cyclase in animal tissues.
Targets(IC50)	Antibacterial,Antibiotic,AChR,Parasite,Antifungal

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.8957 mL	9.4783 mL	18.9566 mL
5 mM	0.3791 mL	1.8957 mL	3.7913 mL
10 mM	0.1896 mL	0.9478 mL	1.8957 mL
50 mM	0.0379 mL	0.1896 mL	0.3791 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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