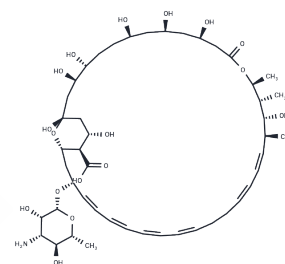


Nystatin A1

Chemical Properties

CAS No. :	34786-70-4
Formula:	C ₄₇ H ₇₅ NO ₁₇
Molecular Weight:	926.09
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	Nystatin A1, a polyene macrolide (antibiotic), is isolated from the <i>Streptomyces noursei</i> bacterium. It functions by binding with ergosterol on fungal cell membranes, enhancing membrane permeability, and consequently causing leakage of cellular contents, which inhibits fungal growth and reproduction.
Targets(IC50)	Antibiotic, Antifungal

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.0798 mL	5.399 mL	10.7981 mL
5 mM	0.216 mL	1.0798 mL	2.1596 mL
10 mM	0.108 mL	0.5399 mL	1.0798 mL
50 mM	0.0216 mL	0.108 mL	0.216 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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