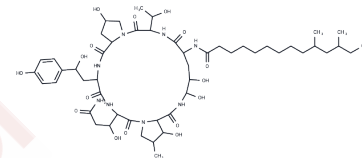


Pneumocandin A1

Chemical Properties

CAS No. :	135862-90-7
Formula:	C ₅₁ H ₈₂ N ₈ O ₁₆
Molecular Weight:	1063.24
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	Pneumocandin A1 is a lipopeptide antibiotic with potent anti-candidal activity. It inhibits 1,3-β-glucan synthesis in vitro, with an IC ₅₀ range of 0.07-0.5 μg/mL.
Targets(IC ₅₀)	Antibacterial, Antibiotic

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.9405 mL	4.7026 mL	9.4052 mL
5 mM	0.1881 mL	0.9405 mL	1.881 mL
10 mM	0.0941 mL	0.4703 mL	0.9405 mL
50 mM	0.0188 mL	0.0941 mL	0.1881 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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