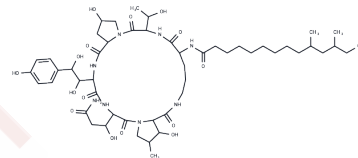


Pneumocandin A2

Chemical Properties

CAS No. :	135867-75-3
Formula:	C ₅₁ H ₈₂ N ₈ O ₁₅
Molecular Weight:	1047.24
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 A2 is a lipopeptide antibiotic with potent antifungal activity against <i>Candida</i> species. It inhibits 1,3-beta-D-glucan synthesis in vitro, with an IC ₅₀ ranging from 0.07 to 0.5 µg/mL.
Targets(IC ₅₀)	Antibacterial, Antibiotic

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.9549 mL	4.7745 mL	9.5489 mL
5 mM	0.191 mL	0.9549 mL	1.9098 mL
10 mM	0.0955 mL	0.4774 mL	0.9549 mL
50 mM	0.0191 mL	0.0955 mL	0.191 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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