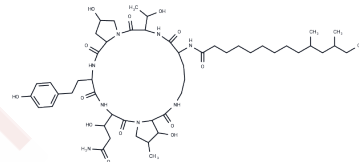


Pneumocandin A4

Chemical Properties

CAS No. :	135882-23-4
Formula:	C ₅₁ H ₈₂ N ₈ O ₁₃
Molecular Weight:	1015.24
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 A4 is a lipopeptide antibiotic with potent activity against Candida species. It inhibits 1,3-β-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	0.985 mL	4.9249 mL	9.8499 mL
5 mM	0.197 mL	0.985 mL	1.970 mL
10 mM	0.0985 mL	0.4925 mL	0.985 mL
50 mM	0.0197 mL	0.0985 mL	0.197 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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