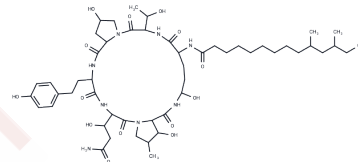


Pneumocandin A3

Chemical Properties

CAS No. :	135862-91-8
Formula:	C ₅₁ H ₈₂ N ₈ O ₁₄
Molecular Weight:	1031.24
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 A3 is a lipopeptide antibiotic with potent antifungal activity against <i>Candida</i> species, exhibiting inhibitory effects on 1,3-beta-D-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	0.9697 mL	4.8485 mL	9.6971 mL
5 mM	0.1939 mL	0.9697 mL	1.9394 mL
10 mM	0.097 mL	0.4849 mL	0.9697 mL
50 mM	0.0194 mL	0.097 mL	0.1939 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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