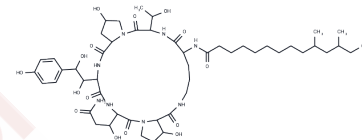


Pneumocandin B2

Chemical Properties

CAS No. :	138530-80-0
Formula:	C ₅₀ H ₈₀ N ₈ O ₁₅
Molecular Weight:	1033.21
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 B2 is a lipopeptide antibiotic with potent anti-candidal effects, demonstrating inhibition of 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	0.9679 mL	4.8393 mL	9.6786 mL
5 mM	0.1936 mL	0.9679 mL	1.9357 mL
10 mM	0.0968 mL	0.4839 mL	0.9679 mL
50 mM	0.0194 mL	0.0968 mL	0.1936 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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