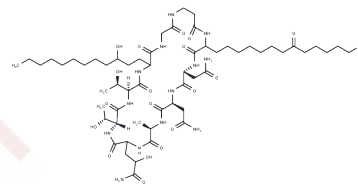


Arborcandin D

Chemical Properties

CAS No. :	223465-79-0
Formula:	C ₅₉ H ₁₀₃ N ₁₃ O ₁₈
Molecular Weight:	1282.53
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	Arborcandin D is a 1,3-β-glucan synthase inhibitor that functions as an antifungal antibiotic. It exhibits IC ₅₀ values of 3 μg/mL against <i>Candida albicans</i> (<i>C. albicans</i>) and 0.35 μg/mL against <i>Aspergillus fumigatus</i> (<i>A. fumigatus</i>). The minimum inhibitory concentration (MIC) of Arborcandin D for <i>Candida</i> species is 4 μg/mL.
Targets(IC ₅₀)	Antibiotic,Antifungal

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.7797 mL	3.8985 mL	7.7971 mL
5 mM	0.1559 mL	0.7797 mL	1.5594 mL
10 mM	0.078 mL	0.3899 mL	0.7797 mL
50 mM	0.0156 mL	0.078 mL	0.1559 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

This product is for Research Use Only · Not for Human or Veterinary or Therapeutic Use

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