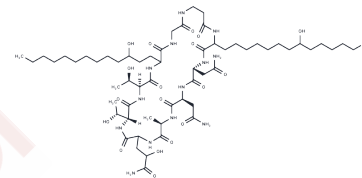


Arborcandin E

Chemical Properties

CAS No. :	223465-80-3
Formula:	C ₆₀ H ₁₀₇ N ₁₃ O ₁₈
Molecular Weight:	1298.57
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 E is a 1,3-β-glucan synthase inhibitor used as an antifungal antibiotic. It exhibits IC ₅₀ values of 0.1 μg/mL against <i>Candida albicans</i> (<i>C. albicans</i>) and 0.012 μg/mL against <i>Aspergillus fumigatus</i> (<i>A. fumigatus</i>). Additionally, Arborcandin E has a MIC of 0.5-2 μg/mL for <i>Candida</i> species.
Targets(IC ₅₀)	Antibiotic,Antifungal

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.7701 mL	3.8504 mL	7.7008 mL
5 mM	0.154 mL	0.7701 mL	1.5402 mL
10 mM	0.077 mL	0.385 mL	0.7701 mL
50 mM	0.0154 mL	0.077 mL	0.154 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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