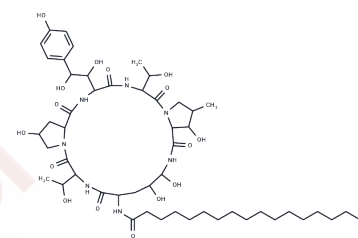


Tetrahydroechinocandin B

Chemical Properties

CAS No. :	54651-06-8
Formula:	C ₅₂ H ₈₅ N ₇ O ₁₆
Molecular Weight:	1064.27
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	Tetrahydroechinocandin B is a cyclic hexapeptide containing a fatty acyl side chain. It also inhibits 1,3-beta-D-glucan synthesis.
Targets(IC50)	Others,Antifungal

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.9396 mL	4.6981 mL	9.3961 mL
5 mM	0.1879 mL	0.9396 mL	1.8792 mL
10 mM	0.094 mL	0.4698 mL	0.9396 mL
50 mM	0.0188 mL	0.094 mL	0.1879 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.

Reference

Bocking SP, Wiebe MG, Robson GD, Hansen K, Christiansen LH, Trinci AP. Effect of branch frequency in *Aspergillus oryzae* on protein secretion and culture viscosity. *Biotechnol Bioeng.* 1999 Dec 20;65(6):638-48. PubMed PMID: 10550770.

Bartizal K, Abruzzo G, Trainor C, Krupa D, Nollstadt K, Schmatz D, Schwartz R, Hammond M, Balkovec J, Vanmiddlesworth F. In vitro antifungal activities and in vivo efficacies of 1,3-beta-D-glucan synthesis inhibitors L-671,329, L-646,991, tetrahydroechinocandin B, and L-687,781, a papulacandin. *Antimicrob Agents Chemother.* 1992 Aug;36(8):1648-57. PubMed PMID: 1416847; PubMed Central PMCID: PMC192025.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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

Tel:781-999-4286 E_mail:info@targetmol.com Address:34 Washington Street,Wellesley Hills,MA 02481