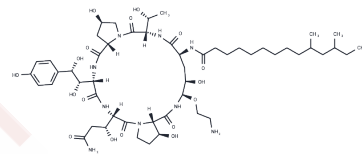


L 705589

Chemical Properties

CAS No. : 150220-81-8
 Formula: C₅₂H₈₅N₉O₁₇
 Molecular Weight: 1108.298
 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	L 705589 is a semisynthetic pneumocandin Bo derivative that is water-soluble.
Targets(IC50)	Others

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.9023 mL	4.5114 mL	9.0228 mL
5 mM	0.1805 mL	0.9023 mL	1.8046 mL
10 mM	0.0902 mL	0.4511 mL	0.9023 mL
50 mM	0.018 mL	0.0902 mL	0.1805 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

- Schmatz DM, Powles MA, McFadden D, Nollstadt K, Bouffard FA, Dropinski JF, Liberator P, Andersen J. New semisynthetic pneumocandins with improved efficacies against *Pneumocystis carinii* in the rat. *Antimicrob Agents Chemother.* 1995 Jun;39(6):1320-3. PubMed PMID: 7574523; PubMed Central PMCID: PMC162734.
- Abruzzo GK, Flattery AM, Gill CJ, Kong L, Smith JG, Krupa D, Pikounis VB, Kropp H, Bartizal K. Evaluation of water-soluble pneumocandin analogs L-733560, L-705589, and L-731373 with mouse models of disseminated aspergillosis, candidiasis, and cryptococcosis. *Antimicrob Agents Chemother.* 1995 May;39(5):1077-81. PubMed PMID: 7625792; PubMed Central PMCID: PMC162686.
- Bartizal K, Scott T, Abruzzo GK, Gill CJ, Pacholok C, Lynch L, Kropp H. In vitro evaluation of the pneumocandin antifungal agent L-733560, a new water-soluble hybrid of L-705589 and L-731373. *Antimicrob Agents Chemother.* 1995 May;39(5):1070-6. PubMed PMID: 7625791; PubMed Central PMCID: PMC162685.

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