

L 693989

Chemical Properties

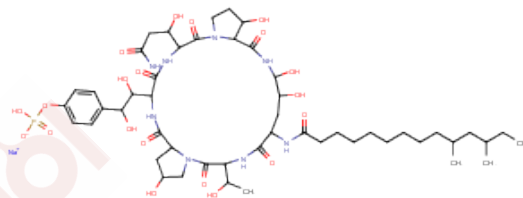
CAS No. : 138661-20-8

Formula: C₅₀H₈₀N₈NaO₂₀P

Molecular Weight: 1167.18

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 693989 is a pneumocandin.
Targets(IC50)	Others,Antibacterial,Parasite

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.8568 mL	4.2838 mL	8.5677 mL
5 mM	0.1714 mL	0.8568 mL	1.7135 mL
10 mM	0.0857 mL	0.4284 mL	0.8568 mL
50 mM	0.0171 mL	0.0857 mL	0.1714 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

- Flattery AM, Abruzzo GK, Gill CJ, Smith JG, Bartizal K. New model of oropharyngeal and gastrointestinal colonization by *Candida albicans* in CD4+ T-cell-deficient mice for evaluation of antifungal agents. *Antimicrob Agents Chemother*. 1996 Jul;40(7):1604-9. PubMed PMID: 8807048; PubMed Central PMCID: PMC163381.
- Kurtz MB, Bernard EM, Edwards FF, Marrinan JA, Dropinski J, Douglas CM, Armstrong D. Aerosol and parenteral pneumocandins are effective in a rat model of pulmonary aspergillosis. *Antimicrob Agents Chemother*. 1995 Aug;39(8):1784-9. PubMed PMID: 7486919; PubMed Central PMCID: PMC162826.
- 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.
- Powles MA, McFadden DC, Liberator PA, Anderson JW, Vadas EB, Meisner D, Schmatz DM. Aerosolized L-693,989 for *Pneumocystis carinii* prophylaxis in rats. *Antimicrob Agents Chemother*. 1994 Jun;38(6):1397-401. PubMed PMID: 8092844; PubMed Central PMCID: PMC188217.

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