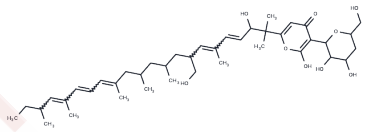
Data Sheet (Cat.No.T23955)

TargetMol

Dactylfungin B

Chemical Properties



CAS No. : 146935-36-6

Formula: C41H64O9

Molecular Weight: 700.94

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	Dactylfungins B is a novel antifungal antibiotic produced by Dactylaria Parvispora. The antibiotics were active against Candida pseudotropicalis and other fungi, with a MIC value of fewer than 10 micrograms/ml.
Targets(IC50)	Others,Antibiotic,Antifungal

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.4267 mL	7.1333 mL	14.2666 mL
5 mM	0.2853 mL	1.4267 mL	2.8533 mL
10 mM	0.1427 mL	0.7133 mL	1.4267 mL
50 mM	0.0285 mL	0.1427 mL	0.2853 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

Xaio J, Kumazawa S, Yoshikawa N, Mikawa T, Sato Y. Dactylfungins, novel antifungal antibiotics produced by Dactylaria parvispora. J Antibiot (Tokyo). 1993 Jan;46(1):48-55. PubMed PMID: 8436559.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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