

Filipin III

Chemical Properties

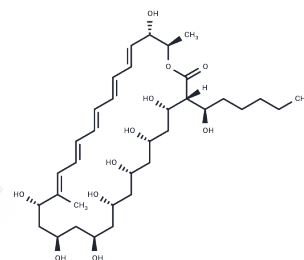
CAS No. : 480-49-9

Formula: C₃₅H₅₈O₁₁

Molecular Weight: 654.83

Storage: Store at low temperature, Keep away from moisture
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	Filipin III is extracted from strain KPE18H and has significant antifungal activity.
Targets(IC50)	Antibiotic, Antifungal

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.5271 mL	7.6356 mL	15.2711 mL
5 mM	0.3054 mL	1.5271 mL	3.0542 mL
10 mM	0.1527 mL	0.7636 mL	1.5271 mL
50 mM	0.0305 mL	0.1527 mL	0.3054 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

Payero TD, et al. Functional analysis of filipin tailoring genes from *Streptomyces filipinensis* reveals alternative routes in filipin III biosynthesis and yields bioactive derivatives. *Microb Cell Fact.* 2015 Aug 7;14:114.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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