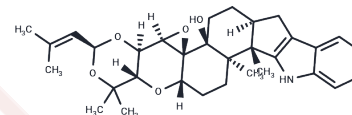


Terpendole C

Chemical Properties

CAS No. :	156967-65-6
Formula:	C ₃₂ H ₄₁ NO ₅
Molecular Weight:	519.682
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	Terpendole C is an indole diterpene alkaloid fungal metabolite originally isolated from <i>A. yamanashiensis</i> and an inhibitor of acyl-coenzyme A:cholesterol acyltransferase (ACAT; IC ₅₀ = 2.1 μM in rat liver microsomes). It also inhibits ACAT in J774 macrophages (IC ₅₀ = 0.46 μM) without affecting cell growth.
Targets(IC ₅₀)	Others,Acyltransferase

Solubility Information

Solubility	Methanol: Soluble DMSO: Soluble Ethanol: Soluble (< 1 mg/ml refers to the product slightly soluble or insoluble)
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.9243 mL	9.6213 mL	19.2426 mL
5 mM	0.3849 mL	1.9243 mL	3.8485 mL
10 mM	0.1924 mL	0.9621 mL	1.9243 mL
50 mM	0.0385 mL	0.1924 mL	0.3849 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.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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