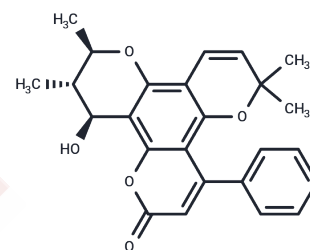


Inophyllum B

Chemical Properties

CAS No. :	41135-06-2
Formula:	C ₂₅ H ₂₄ O ₅
Molecular Weight:	404.46
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	Inophyllum B ((+)-Inophyllum B), a compound extracted from the acetone extract of the giant African snail, <i>Achatina fulica</i> [1], serves as a potent inhibitor of HIV Reverse Transcriptase with an IC ₅₀ value of 38 nM and exhibits inhibitory effects against HIV-1 in vitro cell culture with an IC ₅₀ of 1.4 μM.
Targets(IC ₅₀)	Others,HIV Protease,Reverse Transcriptase

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.4724 mL	12.3622 mL	24.7243 mL
5 mM	0.4945 mL	2.4724 mL	4.9449 mL
10 mM	0.2472 mL	1.2362 mL	2.4724 mL
50 mM	0.0494 mL	0.2472 mL	0.4945 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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