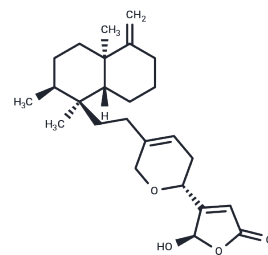


Cacospongionolide B

Chemical Properties

CAS No. :	172854-76-1
Formula:	C ₂₅ H ₃₆ O ₄
Molecular Weight:	400.55
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	Cacospongionolide B is isolated from the sponge <i>Fasciospongia cavernosa</i> . The marine sponge natural product cacospongionolide B (1) is one of a class of compounds bearing a γ -hydroxybutenolide which are known to inhibit multiple forms of secretory phospholipase A ₂ ,1 enzymes believed to initiate a cascade of biological events leading to inflammation.
Targets(IC50)	Others

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.4966 mL	12.4828 mL	24.9657 mL
5 mM	0.4993 mL	2.4966 mL	4.9931 mL
10 mM	0.2497 mL	1.2483 mL	2.4966 mL
50 mM	0.0499 mL	0.2497 mL	0.4993 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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