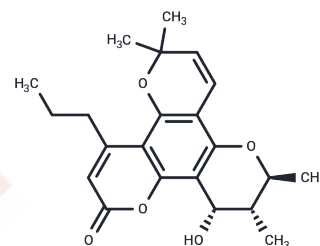


Costatolide

Chemical Properties

CAS No. :	909-14-8
Formula:	C ₂₂ H ₂₆ O ₅
Molecular Weight:	370.44
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	Costatolide is isolated from <i>Calophyllum lanigerum</i> var <i>austrocoriaceum</i> and <i>Calophyllum brasiliense</i> , it exhibits potent activity against HIV-1 reverse transcriptase. It has a role as a HIV-1 reverse transcriptase inhibitor and a plant metabolite. It is a delta-lactone, a cyclic ether, a secondary alcohol and an organic heterotetracyclic compound.
Targets(IC50)	Others

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.6995 mL	13.4975 mL	26.9949 mL
5 mM	0.5399 mL	2.6995 mL	5.399 mL
10 mM	0.2699 mL	1.3497 mL	2.6995 mL
50 mM	0.054 mL	0.2699 mL	0.5399 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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