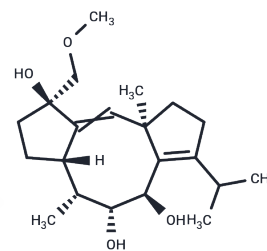


Cotylenol

Chemical Properties

CAS No. :	41059-90-9
Formula:	C ₂₁ H ₃₄ O ₄
Molecular Weight:	350.49
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	Cotylenol is a fungal metabolite with oxygen functionality. It can be extracted from the culture filtrate of the fungal strain 501-7 w. Cotylenol exhibits optical activity and promotes leaf growth. At concentrations above 50 µg/mL, it can induce lysozyme activity. Cotylenol is a diterpene containing one methoxy and three hydroxy groups, and it serves as the aglycone part for synthesizing Cotylenin A.
Targets(IC50)	Endogenous Metabolite

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.8531 mL	14.2657 mL	28.5315 mL
5 mM	0.5706 mL	2.8531 mL	5.7063 mL
10 mM	0.2853 mL	1.4266 mL	2.8531 mL
50 mM	0.0571 mL	0.2853 mL	0.5706 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.

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