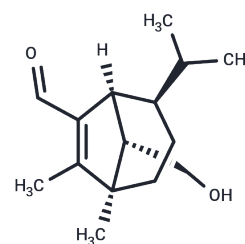


Helminthosporol

Chemical Properties

CAS No. :	1619-29-0
Formula:	C ₁₅ H ₂₄ O ₂
Molecular Weight:	236.35
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	Helminthosporol is a natural plant growth regulator that promotes the growth of rice and lettuce seedlings. It also inhibits the activity of acyl-CoA:cholesterol acyltransferase (ACAT) in rat liver microsomes and the synthesis of cholesterol esters in macrophages.
Targets(IC50)	Acyltransferase

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	4.231 mL	21.1551 mL	42.3101 mL
5 mM	0.8462 mL	4.231 mL	8.462 mL
10 mM	0.4231 mL	2.1155 mL	4.231 mL
50 mM	0.0846 mL	0.4231 mL	0.8462 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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