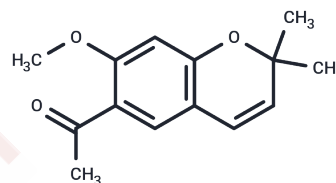


Encecalin

Chemical Properties

CAS No. :	20628-09-5
Formula:	C ₁₄ H ₁₆ O ₃
Molecular Weight:	232.28
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	Encecalin and demethylenencecalin are major phytotoxic compounds isolated from <i>Helianthella quinquenervis</i> (Hook) A Gray (Asteraceae), they inhibit photosystem II (from water to 2,5-dibromo-3-methyl-6-isopropyl-1,4 p-benzo-quinone). They retard seed germination and reduce radicle and hypocotyl growth of weed and crop plant seedlings.
Targets(IC50)	ATPase

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	4.3051 mL	21.5257 mL	43.0515 mL
5 mM	0.861 mL	4.3051 mL	8.6103 mL
10 mM	0.4305 mL	2.1526 mL	4.3051 mL
50 mM	0.0861 mL	0.4305 mL	0.861 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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