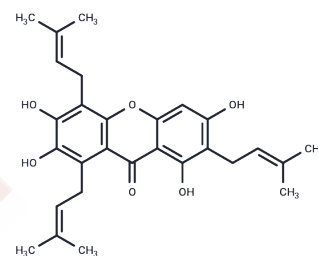


Garcinone E

Chemical Properties

CAS No. :	112649-21-5
Formula:	C ₂₈ H ₃₂ O ₆
Molecular Weight:	464.55
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	Garcinone E is active constituents in the anticomplement assay used. Garcinone E exhibits potent activity in vitro against Plasmodium falciparum chloroquine-resistant strain W2, with IC50 values below 3 µM. It has potent cytotoxic effect on all hepatocellular carcinomas cell lines as well as on the other gastric and lung cancer cell lines included in the screen, may be potentially useful for the treatment of certain types of cancer.
Targets(IC50)	Apoptosis, Antifection

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.1526 mL	10.7631 mL	21.5262 mL
5 mM	0.4305 mL	2.1526 mL	4.3052 mL
10 mM	0.2153 mL	1.0763 mL	2.1526 mL
50 mM	0.0431 mL	0.2153 mL	0.4305 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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