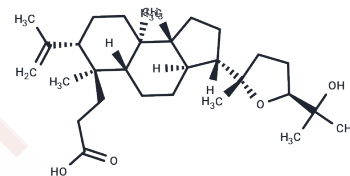


Eichlerianic acid

Chemical Properties

CAS No. : 56421-13-7
 Formula: C₃₀H₅₀O₄
 Molecular Weight: 474.726
 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	Eichlerianic acid is a trypanocidal compound with an IC ₅₀ value of 10 mg/mL. Eichlerianic acid may have antiviral activity against Herpes simplex virus types I and II in vitro. Eichlerianic acid shows weak cytotoxicity (IC ₅₀ 6.87 to >40 μM) against human cancer cell (HL-60, SMMC-7721, A-549, MCF-7 and SW480).
Targets(IC ₅₀)	HSV

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.1065 mL	10.5323 mL	21.0646 mL
5 mM	0.4213 mL	2.1065 mL	4.2129 mL
10 mM	0.2106 mL	1.0532 mL	2.1065 mL
50 mM	0.0421 mL	0.2106 mL	0.4213 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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