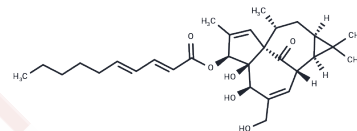


3-O-(2'E,4'E-Decadienoyl)-ingenol

Chemical Properties

CAS No. :	466663-11-6
Formula:	C30H42O6
Molecular Weight:	498.65
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	3-O-(2'E,4'E-Decadienoyl)-ingenol is a naturally occurring diterpenoid compound exhibiting cytotoxicity towards the human normal cell lines L-O2 and GES-1, with half maximal inhibitory concentrations (IC50s) of 8.22 μ M and 6.67 μ M, respectively [1].
In vitro	3-O-(2'E,4'E-Decadienoyl)-ingenol (5-30 μ g/mL; 24 hours) exhibited dose-dependent cytotoxicity in human normal cell lines L-O2 and GES-1 [1].

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.0054 mL	10.0271 mL	20.0541 mL
5 mM	0.4011 mL	2.0054 mL	4.0108 mL
10 mM	0.2005 mL	1.0027 mL	2.0054 mL
50 mM	0.0401 mL	0.2005 mL	0.4011 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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