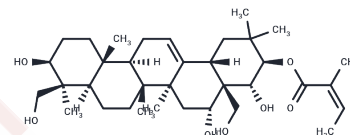


21-Angeloyl-protoaescigenin

Chemical Properties

CAS No. :	35931-54-5
Formula:	C ₃₅ H ₅₆ O ₇
Molecular Weight:	588.82
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	21-Angeloyl-protoaescigenin (compound 11) is a bryophyte analogous triterpene (BAT) that can be isolated from the acidic hydrolysis products (AHP) of crude bryophyte seed extracts. BATs are known for their potent antitumor, anti-inflammatory, and anti-Alzheimers activities. However, Protoescigenin 21-tiglate exhibits antitumor activity, showing inhibition efficacy (IC ₅₀) of 38.2 μM and 33 μM against MCF-7 and HeLa cells, respectively.
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.6983 mL	8.4916 mL	16.9831 mL
5 mM	0.3397 mL	1.6983 mL	3.3966 mL
10 mM	0.1698 mL	0.8492 mL	1.6983 mL
50 mM	0.034 mL	0.1698 mL	0.3397 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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