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Produktinformation



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Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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Protoescigenin 21-tiglate

Chemical Properties

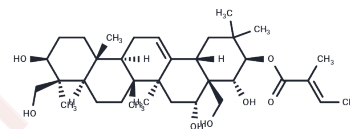
CAS No. : 7047-43-0

Formula: C₃₅H₅₆O₇

Molecular Weight: 588.82

Appearance: no data available

Storage: Powder: -20°C for 3 years | In solvent: -80°C for 1 year



Biological Description

Description	Protoescigenin 21-tiglate (compound 10), a type of Bayberry Triterpenoid Saponin (BAT), can be isolated from the acidic hydrolyzed products (AHP) of a crude extract derived from bayberry seeds. BATs are generally known for their robust anti-tumor, anti-inflammatory, and anti-Alzheimer's activities. However, the anti-tumor activity of Protoescigenin 21-tiglate is relatively weak, with inhibitory concentrations (IC ₅₀) exceeding 80 μ M for MCF-7 and at 80 μ M for HeLa cells.
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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.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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