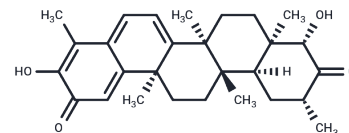


Tingenin B

Chemical Properties

CAS No. :	50656-68-3
Formula:	C ₂₈ H ₃₆ O ₄
Molecular Weight:	436.58
Appearance:	no data available
Storage:	Powder: -20°C for 3 years In solvent: -80°C for 1 year



Biological Description

Description	Tingenin B is a potent anticancer agent due to its cytotoxic activity on cancer stem cells of breast cancer in vitro. Tingenin b was cytotoxic against MCF-7s (IC ₅₀ : 2.38 μM for 48 h) by inducing apoptosis. Endoplasmic reticulum stress was also found to be involved in tingenin b-induced cell death.
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.2905 mL	11.4527 mL	22.9053 mL
5 mM	0.4581 mL	2.2905 mL	4.5811 mL
10 mM	0.2291 mL	1.1453 mL	2.2905 mL
50 mM	0.0458 mL	0.2291 mL	0.4581 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.

Reference

Cevatemre B, Botta B, Mori M, Berardozzi S, Ingallina C, Ulukaya E. The plant-derived triterpenoid tingenin B is a potent anticancer agent due to its cytotoxic activity on cancer stem cells of breast cancer in vitro. Chem Biol

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