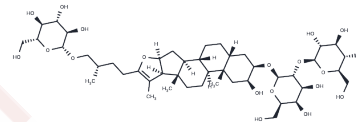


Timosaponin D

Chemical Properties

CAS No. :	220095-97-6
Formula:	C ₄₅ H ₇₄ O ₁₉
Molecular Weight:	919.06
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	Timosaponin D, a natural steroidal saponin, is sourced from the rhizomes of <i>Anemarrhena asphodeloides</i> . It exhibits cytotoxic activity with IC ₅₀ values of 43.90 μM and 57.90 μM against HepG2 and SGC7901 cells, respectively. This compound is utilized in cancer research.
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.0881 mL	5.4403 mL	10.8807 mL
5 mM	0.2176 mL	1.0881 mL	2.1761 mL
10 mM	0.1088 mL	0.544 mL	1.0881 mL
50 mM	0.0218 mL	0.1088 mL	0.2176 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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