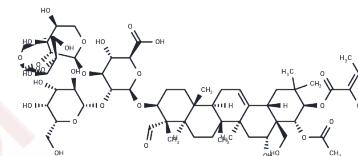


Theasaponin E1

Chemical Properties

CAS No. :	220114-28-3
Formula:	C ₅₉ H ₉₀ O ₂₇
Molecular Weight:	1231.33
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	Theasaponin E1 is a saponin derived from tea seeds, demonstrating antitumor potential in human tumor cell lines K562 and HL60. Additionally, it possesses quinone reductase (QR)-inducing activity, suggesting its efficacy as a chemopreventive agent in cancer [1].
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.8121 mL	4.0606 mL	8.1213 mL
5 mM	0.1624 mL	0.8121 mL	1.6243 mL
10 mM	0.0812 mL	0.4061 mL	0.8121 mL
50 mM	0.0162 mL	0.0812 mL	0.1624 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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Tel: 781-999-4286 E_mail: info@targetmol.com Address: 34 Washington Street, Wellesley Hills, MA 02481