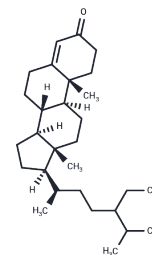


Sitosterone

Chemical Properties

CAS No. :	67392-96-5
Formula:	C ₂₉ H ₄₈ O
Molecular Weight:	412.69
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	Sitosterone, a steroid isolated from the stem bark of <i>Syzygium aqueum</i> , exhibits cytotoxic properties.
In vitro	Sitosterone (0-100 µg/mL; 24 h) exhibits cytotoxicity towards A549 cells with an IC ₅₀ value of 29.96 µg/mL.

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.4231 mL	12.1156 mL	24.2313 mL
5 mM	0.4846 mL	2.4231 mL	4.8463 mL
10 mM	0.2423 mL	1.2116 mL	2.4231 mL
50 mM	0.0485 mL	0.2423 mL	0.4846 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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