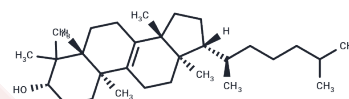


Dihydrolanosterol

Chemical Properties

CAS No. :	79-62-9
Formula:	C ₃₀ H ₅₂ O
Molecular Weight:	428.73
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	Isomucronulatol 7-O-glucoside is a biologically active isoflavone isolated from Astragalus membranaceus.
Targets(IC50)	Others,Cytochromes P450

Solubility Information

Solubility	DMSO: Insoluble Ethanol: 8.44 mg/mL (19.69 mM),Sonication is recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble)
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.3325 mL	11.6624 mL	23.3247 mL
5 mM	0.4665 mL	2.3325 mL	4.6649 mL
10 mM	0.2332 mL	1.1662 mL	2.3325 mL
50 mM	0.0466 mL	0.2332 mL	0.4665 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.

Reference

Separation and purification of lanosterol, dihydrolanosterol, and cholesterol from lanolin by high-performance counter-current chromatography dual-mode elution method[J]. Journal of Separation Science, 2019.

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