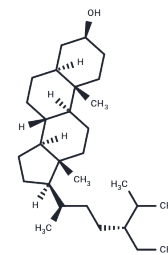


Stigmastanol

Chemical Properties

CAS No. :	83-45-4
Formula:	C ₂₉ H ₅₂ O
Molecular Weight:	416.72
Storage:	Keep away from direct sunlight, Keep away from moisture Powder: -20°C for 3 years In solvent: -80°C for 1 year <small>Actual storage temperature shall be subject to the COA.</small>



Biological Description

Description	Stigmastanol is a phytosterol isolated from Hypericum riparium, which is a Cameroonian medicinal plant.
Targets(IC50)	Endogenous Metabolite

Solubility Information

Solubility	H ₂ O: < 1 mg/mL (insoluble) Ethanol: < 1 mg/mL (insoluble) DMSO: < 1 mg/mL (insoluble or slightly soluble), (< 1 mg/ml refers to the product slightly soluble or insoluble)
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.3997 mL	11.9985 mL	23.9969 mL
5 mM	0.4799 mL	2.3997 mL	4.7994 mL
10 mM	0.240 mL	1.1998 mL	2.3997 mL
50 mM	0.048 mL	0.240 mL	0.4799 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

Nair VD, et al. Determination of stigmasterol, beta-sitosterol and stigmastanol in oral dosage forms using high performance liquid chromatography with evaporative light scattering detection. J Pharm Biomed Anal. 2006 Jun 7; 41(3):731-7.

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