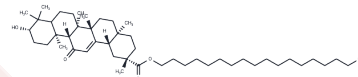


Stearyl glycyrrhetinate

Chemical Properties

CAS No. :	13832-70-7
Formula:	C48H82O4
Molecular Weight:	723.16
Storage:	Keep away from direct sunlight 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	Stearyl glycyrrhetinate, the stearyl ester of 18-β-glycyrrhetic acid, has been demonstrated to improve antiviral effects, reduce inflammation and suppress allergies in the pharmaceutical and cosmetic industry.
Targets(IC50)	Antiviral, Antibacterial
In vivo	Stearyl glycyrrhetinate may speed Facial seborrheic dermatitis (FSD) recovery and avoid flare-ups.

Solubility Information

Solubility	DMSO: 7.24 mg/mL (10.01 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	1.3828 mL	6.9141 mL	13.8282 mL
5 mM	0.2766 mL	1.3828 mL	2.7656 mL
10 mM	0.1383 mL	0.6914 mL	1.3828 mL
50 mM	0.0277 mL	0.1383 mL	0.2766 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

Piquero-Casals J , Hessel D , Mir-Bonafé JF, et al. Topical Non-Pharmacological Treatment for Facial Seborrheic Dermatitis[J]. Dermatol Ther (Heidelb).

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