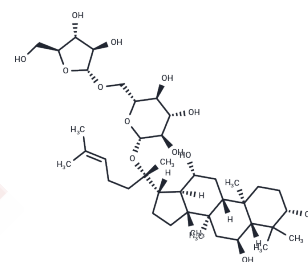


Ginsenoside F5

Chemical Properties

CAS No. :	189513-26-6
Formula:	C ₄₁ H ₇₀ O ₁₃
Molecular Weight:	770.99
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	Ginsenoside F5 is a natural product from Panax ginseng C. A. Mey, remarkably inhibits the growth of HL-60 cells by the apoptosis pathway
Targets(IC50)	Apoptosis

Solubility Information

Solubility	DMSO: 55 mg/mL (71.34 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	1.297 mL	6.4852 mL	12.9703 mL
5 mM	0.2594 mL	1.297 mL	2.5941 mL
10 mM	0.1297 mL	0.6485 mL	1.297 mL
50 mM	0.0259 mL	0.1297 mL	0.2594 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

Ke-Ke Li, et al. Isolation, Purification and Quantification of Ginsenoside F₅ and F₃ Isomeric Compounds From Crude Extracts of Flower Buds of Panax Ginseng. Molecules. 2016 Mar 9;21(3):315.

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Tel:781-999-4286 E_mail:info@targetmol.com Address:34 Washington Street,Wellesley Hills,MA 02481