Data Sheet (Cat.No.TN1685)

TargetMol

Ginsenoside Ra2

Chemical Properties

CAS No. : 83459-42-1

Formula: C58H98O26

Molecular Weight: 1211.38

Storage: Keep away from moisture,Keep away from direct sunlight
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 Ra2 is a natural product found in ginseng with inhibitory activity against Angiotensin-converting enzyme (IC50= 385.59 μM).
Targets(IC50)	Others

Solubility Information

Solubility	DMSO: 40 mg/mL (33.02 mM),Sonication is recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble)
In vivo Formulation	10% DMSO+40% PEG300+5% Tween 80+45% Saline: 1 mg/mL (0.83 mM),Sonication is recommended. *Please add the solvents sequentially, clarifying the solution as much as possible before adding the next one. Dissolve by heating and/or sonication if necessary. Working solution is recommended to be prepared and used immediately. The formulation provided above is for reference purposes only. In vivo formulations may vary and should be modified based on specific experimental conditions.*

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.8255 mL	4.1275 mL	8.255 mL
5 mM	0.1651 mL	0.8255 mL	1.651 mL
10 mM	0.0826 mL	0.4128 mL	0.8255 mL
50 mM	0.0165 mL	0.0826 mL	0.1651 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

Ma LJ, Ma N, Wang BY, Yang K, He X, Wan JB. Ginsenoside distribution in different architectural components of Panax notoginseng inflorescence and infructescence. J Pharm Biomed Anal. 2021 Sep 5;203:114221[1].

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