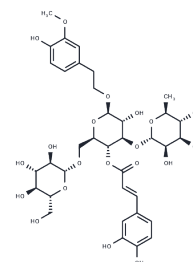


Cistanoside A

Chemical Properties

CAS No. :	93236-42-1
Formula:	C36H48O20
Molecular Weight:	800.75
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	1. Cistanoside A possesses protective activities on CCl4 induced hepatotoxicity in mice, which is involved with increasing free radicals clearing activities, alleviating lipid-overoxidation damage, and improving respiratory chain function in mitochondria.
Targets(IC50)	Others,NO Synthase

Solubility Information

Solubility	DMSO: 33.3 mg/mL (41.59 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: 2 mg/mL (2.5 mM),Sonication is recommended. <i>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.</i>

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.2488 mL	6.2441 mL	12.4883 mL
5 mM	0.2498 mL	1.2488 mL	2.4977 mL
10 mM	0.1249 mL	0.6244 mL	1.2488 mL
50 mM	0.025 mL	0.1249 mL	0.2498 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

Latin American Journal of Pharmacy; 2012 vol. 31, no. 3

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