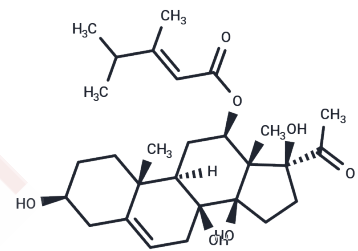


Caudatin

Chemical Properties

CAS No. :	38395-02-7
Formula:	C ₂₈ H ₄₂ O ₇
Molecular Weight:	490.63
Storage:	Keep away from direct sunlight Powder: -20°C for 3 years In solvent: -80°C for 1 year <i>Actual storage temperature shall be subject to the COA.</i>



Biological Description

Description	Caudatin is one of the species of C-21 steroidal glycosides mainly isolated from the root of <i>Cynanchum bungei</i> Decne and exhibits potent anticancer activities.
Targets(IC50)	Apoptosis

Solubility Information

Solubility	DMSO: 50 mg/mL (101.91 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: 5 mg/mL (10.19 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	2.0382 mL	10.191 mL	20.382 mL
5 mM	0.4076 mL	2.0382 mL	4.0764 mL
10 mM	0.2038 mL	1.0191 mL	2.0382 mL
50 mM	0.0408 mL	0.2038 mL	0.4076 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

Fu XY, et al. Cell Mol Neurobiol. 2015 Oct;35(7):953-9.

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