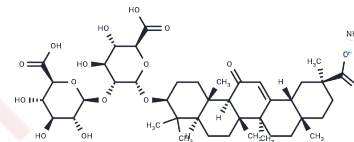


Ammonium glycyrrhizinate

Chemical Properties

CAS No. :	53956-04-0
Formula:	C42H65NO16
Molecular Weight:	839.97
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	Ammonium glycyrrhizinate (Glycyrram) exhibits diverse pharmacological properties, including anti-inflammatory, antiallergic, antigastriculcer, and antihepatitis activities.
Targets(IC50)	Others

Solubility Information

Solubility	DMSO: 250 mg/mL (297.63 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 (2.38 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	1.1905 mL	5.9526 mL	11.9052 mL
5 mM	0.2381 mL	1.1905 mL	2.381 mL
10 mM	0.1191 mL	0.5953 mL	1.1905 mL
50 mM	0.0238 mL	0.1191 mL	0.2381 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

Shi JR, et al. Int Immunopharmacol. 2010 Oct;10(10):1235-41.

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