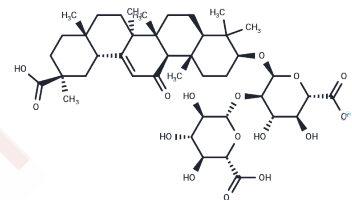


Glycyrrhizinic acid, potassium salt

Chemical Properties

CAS No. :	68039-19-0
Formula:	C ₄₂ H ₆₁ KO ₁₆
Molecular Weight:	861.02
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	Glycyrrhizinic acid, potassium salt can reduce ventricular arrhythmias caused by veratrol
Targets(IC50)	Others

Solubility Information

Solubility	DMSO: 60 mg/mL (69.68 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	1.1614 mL	5.8071 mL	11.6141 mL
5 mM	0.2323 mL	1.1614 mL	2.3228 mL
10 mM	0.1161 mL	0.5807 mL	1.1614 mL
50 mM	0.0232 mL	0.1161 mL	0.2323 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

Xingkui X , Xuezheng W . Study on the Purifying Techonlogy of Pure Mono-potassium Glycyrrhizin from G. Uralensis Fisch[J]. journal of gansu education college(natural science edition), 1998.

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