

Ginsenoside Rh4

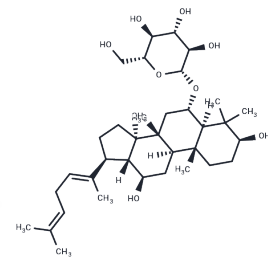
Chemical Properties

CAS No. : 174721-08-5

Formula: C₃₆H₆₀O₈

Molecular Weight: 620.86

Storage: Store at low temperature, Keep away from direct sunlight, Store under nitrogen
 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. Ginsenoside Rh4 could be safely used as adjuvant with low or non-haemolytic effect. 2. Ginsenoside Rh4 has cytotoxic activity and its aglycone against cancer cell lines.
Targets(IC50)	Apoptosis, Bcl-2 Family, Others, Caspase, Endogenous Metabolite, Autophagy

Solubility Information

Solubility	DMSO: 10 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 (1.61 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	1.6107 mL	8.0533 mL	16.1067 mL
5 mM	0.3221 mL	1.6107 mL	3.2213 mL
10 mM	0.1611 mL	0.8053 mL	1.6107 mL
50 mM	0.0322 mL	0.1611 mL	0.3221 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

Yang Z G , Ye Y P , Sun H X . Immunological adjuvant effect of ginsenoside Rh4 from the roots of Panax notoginseng on specific antibody and cellular response to ovalbumin in mice.[J]. Chemistry & Biodiversity, 2010, 4 (2):232-240.

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