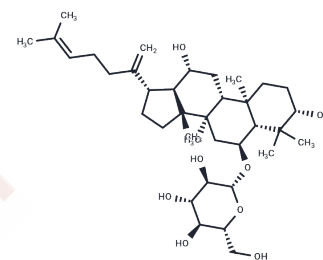


Ginsenoside Rk3

Chemical Properties

CAS No. :	364779-15-7
Formula:	C ₃₆ H ₆₀ O ₈
Molecular Weight:	620.86
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. Ginsenoside Rk3 and Rh4 could have a role in treating inflammatory diseases. 2. Ginsenoside Rk3 is often used as a major ingredient of the compound preparation for ischemic heart diseases.
Targets(IC50)	NF-κB

Solubility Information

Solubility	DMSO: 50 mg/mL (80.53 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 (3.22 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

Sun J , Sun G , Meng X , et al. Ginsenoside RK3 Prevents Hypoxia-Reoxygenation Induced Apoptosis in H9c2 Cardiomyocytes via AKT and MAPK Pathway[J]. Evidence-Based Complementary and Alternative Medicine, 2013, 2013:1-12.

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