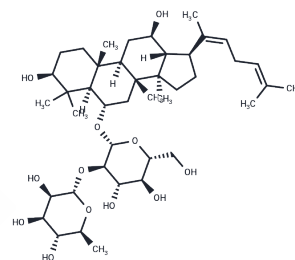


Ginsenoside Rg4

Chemical Properties

CAS No. :	126223-28-7
Formula:	C42H70O12
Molecular Weight:	767.00
Storage:	Store at low temperature Powder: -20°C for 3 years In solvent: -80°C for 1 year <small>Actual storage temperature shall be subject to the COA.</small>



Biological Description

Description	Ginsenoside Rg4 is isolated from the leaves of Panax ginseng C. A. Meyer. Ginsenoside Rg4 is a protopanaxatriol type ginsenoside with anti-septic, anti-diabetic, wound healing, immune-stimulatory, and anti-antioxidant properties.
Targets(IC50)	Antibacterial

Solubility Information

Solubility	DMSO: 50.00 mg/mL (65.19 mM), Sonication is recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble)
------------	---

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.3038 mL	6.5189 mL	13.0378 mL
5 mM	0.2608 mL	1.3038 mL	2.6076 mL
10 mM	0.1304 mL	0.6519 mL	1.3038 mL
50 mM	0.0261 mL	0.1304 mL	0.2608 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

Wonhwa Lee, et al. Inhibitory Effects of Protopanaxatriol Type Ginsenoside Fraction (Rgx365) on Particulate Matter-Induced Pulmonary Injury. J Toxicol Environ Health A. 2019;82(5):338-350.

S L Zhang, et al. A New Minor Saponin From the Leaves of Panax Ginseng C. A. Meyer. Yao Xue Xue Bao. 1989;24(11):877-9.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

This product is for Research Use Only · Not for Human or Veterinary or Therapeutic Use

Tel:781-999-4286 E_mail:info@targetmol.com Address:34 Washington Street,Wellesley Hills,MA 02481