

Pseudoginsenoside RT5

Chemical Properties

CAS No. : 98474-78-3

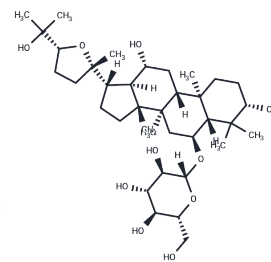
Formula: C₃₆H₆₂O₁₀

Molecular Weight: 654.87

Storage: Keep away from direct sunlight, Keep away from moisture

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. Pseudoginsenoside RT5 has anti-epilepsy, anti-depressant activity by promoting nerve growth and improve cognitive ability. 2. Pseudoginsenoside RT5 has anti-bacterial, anti-tumor and anti-malaria activities.
Targets(IC50)	Others

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: 2 mg/mL (3.05 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	1.527 mL	7.6351 mL	15.2702 mL
5 mM	0.3054 mL	1.527 mL	3.054 mL
10 mM	0.1527 mL	0.7635 mL	1.527 mL
50 mM	0.0305 mL	0.1527 mL	0.3054 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

Jian S U , Hai-Zhou L I , Chong-Ren Y . Studies on Saponin Constituents in Roots of *Panax quinquefol ium*[J]. China Journal of Chinese Materia Medica, 2003, 28(9):830.

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