

Parishin B

Chemical Properties

CAS No. : 174972-79-3

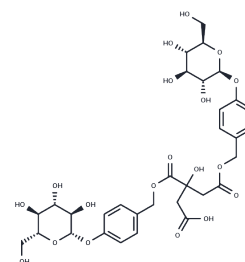
Formula: C32H40O19

Molecular Weight: 728.65

Keep away from direct sunlight, Keep away from moisture, Store at low temperature

Storage: Pure form: -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. Parishin B can prevent vascular dementia.
Targets(IC50)	Others, ROS

Solubility Information

Solubility	Ethanol: Soluble, Pyridine, Methanol, etc.: Soluble, DMSO: 250 mg/mL (343.1 mM), Sonication is recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble)
In vivo Formulation	10% DMSO+90% Saline: 10 mg/mL (13.72 mM), Solution. 10% DMSO+40% PEG300+5% Tween 80+45% Saline: 3.3 mg/mL (4.53 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	1.3724 mL	6.862 mL	13.724 mL
5 mM	0.2745 mL	1.3724 mL	2.7448 mL
10 mM	0.1372 mL	0.6862 mL	1.3724 mL
50 mM	0.0274 mL	0.1372 mL	0.2745 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

Zhou W , Lin L , Li Z , et al. Study on active ingredient and mechanism in preventing vascular dementia of Tianzhusan coming from Tujia medicine.[J]. China Journal of Chinese Materia Medica, 2015, 40(13):2668-2673.

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