

Notoginsenoside Fa

Chemical Properties

CAS No. : 88100-04-3

Formula: C₅₉H₁₀₀O₂₇

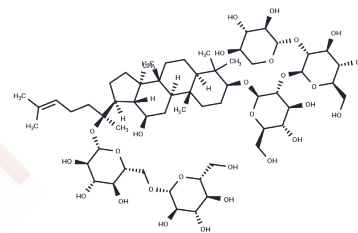
Molecular Weight: 1241.41

Storage:

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

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. Notoginsenosides Fa and R4 show significant neurite outgrowth enhancing activities in human neuroblastoma SK-N-SH cells.
Targets(IC50)	Others

Solubility Information

Solubility	DMSO: 50 mg/mL (40.28 mM), Sonication is recommended. Ethanol: Soluble, Pyridine, Methanol, etc.: Soluble, (< 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 (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	0.8055 mL	4.0277 mL	8.0554 mL
5 mM	0.1611 mL	0.8055 mL	1.6111 mL
10 mM	0.0806 mL	0.4028 mL	0.8055 mL
50 mM	0.0161 mL	0.0806 mL	0.1611 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

Dammarane-Type Saponins from Panaxjaponicus and Their NeuriteOutgrowth Activity in SK-N-SH Cells[]]. Journal of Natural Products, 2002, 65(9):1288-1292.

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