

Camelliaside A

Chemical Properties

CAS No. : 135095-52-2

Formula: C₃₃H₄₀O₂₀

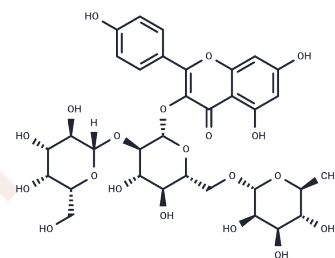
Molecular Weight: 756.66

Keep away from direct sunlight, Keep away from moisture, The compound is unstable in solution.

Storage: Please use soon

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	Camelliaside A is a compound with the anti-inflammatory effect.
Targets(IC50)	Others

Solubility Information

Solubility	DMSO: 60 mg/mL (79.3 mM), Sonication is recommended. Pyridine, Methanol, etc.: Soluble, Ethanol: 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 (2.64 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	1.3216 mL	6.608 mL	13.216 mL
5 mM	0.2643 mL	1.3216 mL	2.6432 mL
10 mM	0.1322 mL	0.6608 mL	1.3216 mL
50 mM	0.0264 mL	0.1322 mL	0.2643 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

Hyang-Bok Lee., et al. Isolation and anti-inflammatory effect of astragalin synthesized by enzymatic hydrolysis of tea seed extract. J Sci Food Agric. 2011 Oct;91(13):2315-21.

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