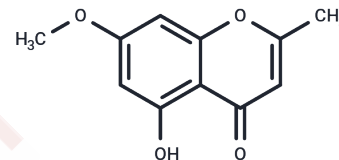


Eugenin

Chemical Properties

CAS No. :	480-34-2
Formula:	C ₁₁ H ₁₀ O ₄
Molecular Weight:	206.19
Storage:	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	Eugenin, a chromone isolated from *Peucedanum japonicum*, exhibits potent antiplatelet aggregation activity.
Targets(IC50)	Others

Solubility Information

Solubility	DMSO: 30 mg/mL (145.5 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 (9.7 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	4.8499 mL	24.2495 mL	48.499 mL
5 mM	0.970 mL	4.8499 mL	9.6998 mL
10 mM	0.485 mL	2.4249 mL	4.8499 mL
50 mM	0.097 mL	0.485 mL	0.970 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

Chen IS, et al. Coumarins and antiplatelet aggregation constituents from Formosan Peucedanum japonicum. Phytochemistry. 1996 Feb;41(2):525-30.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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