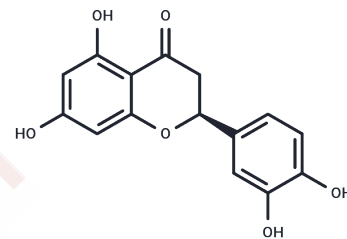


Eriodictyol

Chemical Properties

CAS No. :	552-58-9
Formula:	C ₁₅ H ₁₂ O ₆
Molecular Weight:	288.25
Storage:	Keep away from direct sunlight Powder: -20°C for 3 years In solvent: -80°C for 1 year <small>Actual storage temperature shall be subject to the COA.</small>



Biological Description

Description	1. Eriodictyol (Huazhongilexone) is a flavonoid with anti-inflammatory and antioxidant activities. 2. Eriodictyol may possess antidiabetic properties through increasing glucose uptake and improving insulin resistance. 3. Eriodictyol may be a potential therapeutic resource for Atopic dermatitis and an adjunctive agent to control itchiness in Atopic dermatitis.
Targets(IC50)	Nrf2, Endogenous Metabolite, DNA/RNA Synthesis, Influenza Virus

Solubility Information

Solubility	DMSO: 245 mg/mL (849.96 mM), Sonication is recommended. Chloroform, Dichloromethane, Ethyl Acetate, Acetone, 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 (6.94 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	3.4692 mL	17.3461 mL	34.6921 mL
5 mM	0.6938 mL	3.4692 mL	6.9384 mL
10 mM	0.3469 mL	1.7346 mL	3.4692 mL
50 mM	0.0694 mL	0.3469 mL	0.6938 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

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