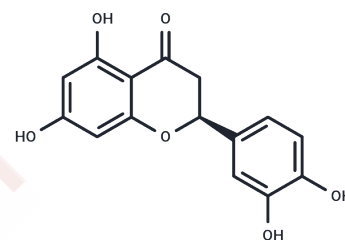


Eriodictyol

Chemical Properties

CAS No. :	552-58-9
Formula:	C ₁₅ H ₁₂ O ₆
Molecular Weight:	288.25
Appearance:	no data available
Storage:	keep away from direct sunlight
	Powder: -20°C for 3 years In solvent: -80°C for 1 year



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: 70 mg/mL (242.84 mM), Sonication is recommended. Chloroform, Dichloromethane, Ethyl Acetate, Acetone, etc.: Soluble, (< 1 mg/ml refers to the product slightly soluble or insoluble)
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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.

Reference

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- Jang S A, Hwang Y H, Kim T, et al. Anti-Osteoporotic and Anti-Adipogenic Effects of the Water Extract of *Drynaria roosii* Nakaike in Ovariectomized Mice Fed a High-Fat Diet[J]. Molecules. 2019, 24(17): 3051.
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