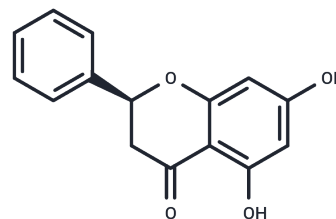


Pinocembrin

Chemical Properties

CAS No. :	480-39-7
Formula:	C ₁₅ H ₁₂ O ₄
Molecular Weight:	256.25
Appearance:	no data available
Storage:	keep away from direct sunlight,store under nitrogen Powder: -20°C for 3 years In solvent: -80°C for 1 year



Biological Description

Description	Pinocembrin (5,7-Dihydroxyflavanone) is a flavanone, a type of flavonoid. It is an antioxidant found in damiana, honey, fingerroot, and propolis.
Targets(IC50)	NF-κB,Reactive Oxygen Species,Antibacterial,Autophagy

Solubility Information

Solubility	DMSO: 5.2 mg/mL (20.29 mM), (< 1 mg/ml refers to the product slightly soluble or insoluble)
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.9024 mL	19.5122 mL	39.0244 mL
5 mM	0.7805 mL	3.9024 mL	7.8049 mL
10 mM	0.3902 mL	1.9512 mL	3.9024 mL
50 mM	0.078 mL	0.3902 mL	0.7805 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

Tang X, Liu L, Li Y, et al.Chemical profiling and investigation of molecular mechanisms underlying anti-hepatocellular carcinoma activity of extracts from Polygonum perfoliatum L.Biomedicine & Pharmacotherapy.

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