

(2R)-6-Methoxynaringenin

Chemical Properties

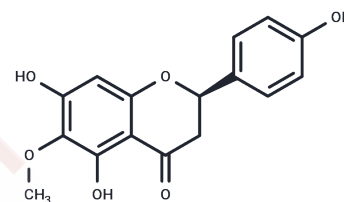
CAS No. : 1212075-61-0

Formula: C₁₆H₁₄O₆

Molecular Weight: 302.28

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	(2R)-6-Methoxynaringenin is one of the potentially active components in Scutellaria baicalensis.
Targets(IC50)	Others,NO Synthase

Solubility Information

Solubility	DMSO: 45 mg/mL (148.87 mM),Sonication is recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble)
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.3082 mL	16.541 mL	33.0819 mL
5 mM	0.6616 mL	3.3082 mL	6.6164 mL
10 mM	0.3308 mL	1.6541 mL	3.3082 mL
50 mM	0.0662 mL	0.3308 mL	0.6616 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

Hou F, et al. Deciphering the pharmacological mechanisms of Scutellaria baicalensis Georgi on oral leukoplakia by combining network pharmacology, molecular docking and experimental evaluations. *Phytomedicine*. 2022;103: 154195.

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