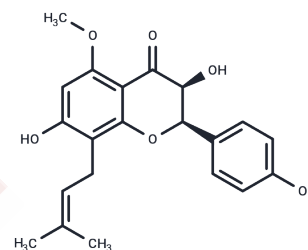


(2R)-3 α ,7,4'-Trihydroxy-5-methoxy-8-prenylflavanone

Chemical Properties

CAS No. :	1966944-04-6
Formula:	C ₂₁ H ₂₂ O ₆
Molecular Weight:	370.4
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)-3 α ,7,4'-Trihydroxy-5-methoxy-8-prenylflavanone is derived exclusively from the roots of [Sophora flavescens].
Targets(IC50)	Others

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.6998 mL	13.4989 mL	26.9978 mL
5 mM	0.540 mL	2.6998 mL	5.3996 mL
10 mM	0.270 mL	1.3499 mL	2.6998 mL
50 mM	0.054 mL	0.270 mL	0.540 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

- Rong Huang, et al. A new flavonoid from Sophora flavescens Ait. Nat Prod Res. 2017 Oct;31(19):2228-2232.
 Hao Chen, et al. A Novel Flavonoid Kushenol Z from Sophora flavescens Mediates mTOR Pathway by Inhibiting Phosphodiesterase and Akt Activity to Induce Apoptosis in Non-Small-Cell Lung Cancer Cells. Molecules. 2019 Dec 4;24(24):4425.

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