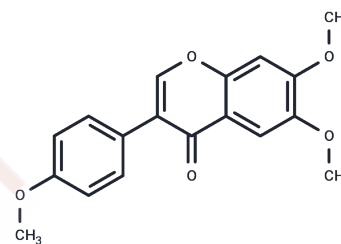


4',6,7-Trimethoxyisoflavone

Chemical Properties

CAS No. :	798-61-8
Formula:	C ₁₈ H ₁₆ O ₅
Molecular Weight:	312.32
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	4',6,7-Trimethoxyisoflavone promotes wound healing through NOX2 induction, which leads to collective migration and MMP activation.
Targets(IC50)	MMP,Antibacterial,Antifungal

Solubility Information

Solubility	DMSO: 11 mg/mL (35.22 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	3.2018 mL	16.0092 mL	32.0184 mL
5 mM	0.6404 mL	3.2018 mL	6.4037 mL
10 mM	0.3202 mL	1.6009 mL	3.2018 mL
50 mM	0.064 mL	0.3202 mL	0.6404 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

Bui N T , Ho M T , Kim Y M , et al. Flavonoids promoting HaCaT migration: II. Molecular mechanism of 4',6,7-trimethoxyisoflavone via NOX2 activation[J]. Phytomedicine, 2014, 21(4):570-577.

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