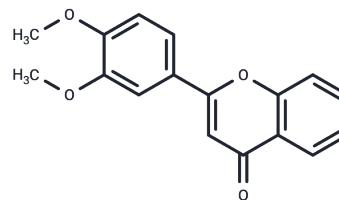


3',4'-Dimethoxyflavone

Chemical Properties

CAS No. :	4143-62-8
Formula:	C ₁₇ H ₁₄ O ₄
Molecular Weight:	282.29
Appearance:	no data available
Storage:	Powder: -20°C for 3 years In solvent: -80°C for 1 year



Biological Description

Description	3',4'-Dimethoxyflavone is a reference standard for flavonoid compounds, which have a variety of medicinal activities.
Targets(IC50)	Others,PARP

Solubility Information

Solubility	DMSO: 55 mg/mL (194.84 mM) (< 1 mg/ml refers to the product slightly soluble or insoluble)
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.5425 mL	17.7123 mL	35.4246 mL
5 mM	0.7085 mL	3.5425 mL	7.0849 mL
10 mM	0.3542 mL	1.7712 mL	3.5425 mL
50 mM	0.0708 mL	0.3542 mL	0.7085 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

Nudrat Aziz, et al. Rapid analysis of flavonoids based on spectral library development in positive ionization mode using LC-HR-ESI-MS/MS. Arabian Journal of Chemistry, Volume 15, Issue 4, 2022, 103734.

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