

3',4',7-Trimethoxyquercetin

Chemical Properties

CAS No. : 6068-80-0

Formula: C₁₈H₁₆O₇

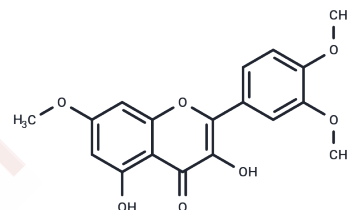
Molecular Weight: 344.32

Storage:

Keep away from direct sunlight, Keep away from moisture, Store at low temperature

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	3',4',7-Trimethoxyquercetin (3,5-Dihydroxy-7,3',4'-trimethoxyflavone) is a polymethoxyquercetin isolated from <i>Scutellaria baicalensis</i> with antioxidant activity.
Targets(IC50)	Others,P-gp

Solubility Information

Solubility	DMSO: 50 mg/mL (145.21 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	2.9043 mL	14.5214 mL	29.0428 mL
5 mM	0.5809 mL	2.9043 mL	5.8086 mL
10 mM	0.2904 mL	1.4521 mL	2.9043 mL
50 mM	0.0581 mL	0.2904 mL	0.5809 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

Shuyun Shi, et al. A high-speed counter-current chromatography- HPLC-DAD method for preparative isolation and purification of two polymethoxylated flavones from *Taraxacum mongolicum*. *J Chromatogr Sc* . May-Jun 2009;47 (5):349-53.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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