

4',5-Di-O-methyl quercetin

Chemical Properties

CAS No. : 100648-56-4

Formula: C₁₇H₁₄O₇

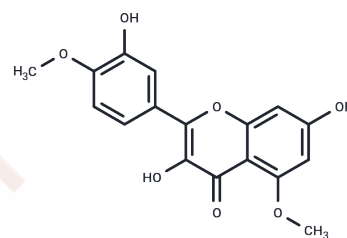
Molecular Weight: 330.29

Storage:

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

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',5-Di-O-methyl quercetin is a naturally occurring quercetin derivative with the potential to induce differentiation of human stem cells into hepatocytes.
Targets(IC50)	Others

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.0276 mL	15.1382 mL	30.2764 mL
5 mM	0.6055 mL	3.0276 mL	6.0553 mL
10 mM	0.3028 mL	1.5138 mL	3.0276 mL
50 mM	0.0606 mL	0.3028 mL	0.6055 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

Nordström, C. G., & Swain, T. (1953). 555. The flavonoid glycosides of *Dahlia variabilis*. Part I. General introduction. Cyanidin, apigenin, and luteolin glycosides from the variety "Dandy." *J. Chem. Soc.*, 0(0), 2764-2773.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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