

Naringenin 4',7-dimethyl ether

Chemical Properties

CAS No. : 102101-05-3

Formula: C₁₇H₁₆O₅

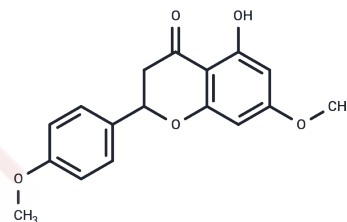
Molecular Weight: 300.31

Storage:

Keep away from direct sunlight, Keep away from moisture, Store under nitrogen

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	Naringenin 4',7-dimethyl ether is structurally related to naringenin, in which the hydroxy groups at positions 4' and 7 are substituted with methoxy groups. It functions as a plant metabolite and plant growth retardant classified within the 4'-methoxyflavanones and monohydroxyflavanones. Its close structural relationship to naringenin makes it relevant for studies examining flavonoid biosynthesis, structure-activity relationships, and phytochemical regulation of plant development.
Targets(IC50)	Others

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.3299 mL	16.6495 mL	33.2989 mL
5 mM	0.666 mL	3.3299 mL	6.6598 mL
10 mM	0.333 mL	1.6649 mL	3.3299 mL
50 mM	0.0666 mL	0.333 mL	0.666 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.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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