

Luteolin monohydrate

Chemical Properties

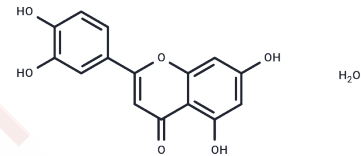
CAS No. : 6113-16-2

Formula: C₁₅H₁₂O₇

Molecular Weight: 304.25

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	Luteolin (monohydrate) is the hydrated form of Luteolin, a flavonoid that acts as a potent Nrf2 inhibitor. It possesses anti-inflammatory and anticancer properties, induces apoptosis and cell cycle arrest in multiple human cancer cell lines, including non-small lung cancer cells, and inhibits cell metastasis and angiogenesis [1].
Targets(IC50)	Apoptosis,Others,Nrf2,Endogenous Metabolite,Autophagy

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.2868 mL	16.4339 mL	32.8677 mL
5 mM	0.6574 mL	3.2868 mL	6.5735 mL
10 mM	0.3287 mL	1.6434 mL	3.2868 mL
50 mM	0.0657 mL	0.3287 mL	0.6574 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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