

Penduletin

Chemical Properties

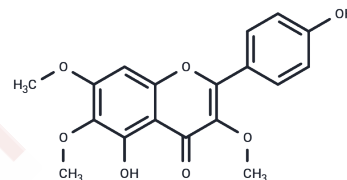
CAS No. : 569-80-2

Formula: C₁₈H₁₆O₇

Molecular Weight: 344.32

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	Penduletin has anti-inflammatory, anti-tumor cells, and anti-bacterial activities, it inhibits growth of the Gram-negative pathogen neisseria gonorrhoeae. Penduletin has strong activity in vitro against EV71 with low cytotoxicity.
Targets(IC50)	Apoptosis, Reactive Oxygen Species, Antifection, COX, Prostaglandin Receptor, VEGFR

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.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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