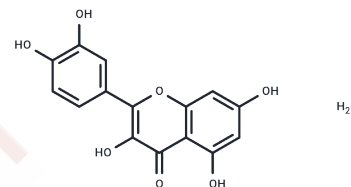


Quercitrin hydrate

Chemical Properties

CAS No. :	849061-97-8
Formula:	C ₁₅ H ₁₂ O ₈
Molecular Weight:	320.25
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	Quercitrin hydrate is a natural flavonoid glycoside with multiple activities, including anti-inflammatory, antioxidant, anticancer, neuroprotective, and cardiovascular protective effects, and inhibits aldose reductase.
Targets(IC50)	Apoptosis, Mitophagy, Reactive Oxygen Species, Reductase, Autophagy, PI3K, ROS

Solubility Information

Solubility	DMSO: 20 mg/mL (62.45 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	3.1226 mL	15.6128 mL	31.2256 mL
5 mM	0.6245 mL	3.1226 mL	6.2451 mL
10 mM	0.3123 mL	1.5613 mL	3.1226 mL
50 mM	0.0625 mL	0.3123 mL	0.6245 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

Seo SH, et al. Polygonum aviculare L. and its active compounds, Quercitrin hydrate, caffeic acid, and rutin, activate the Wnt/ β -catenin pathway and induce cutaneous wound healing. *Phytother Res.* 2016 May;30(5):848-54.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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