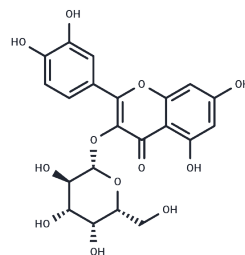


Hyperoside

Chemical Properties

CAS No. :	482-36-0
Formula:	C ₂₁ H ₂₀ O ₁₂
Molecular Weight:	464.38
Appearance:	no data available
Storage:	keep away from direct sunlight,keep away from moisture
	Powder: -20°C for 3 years In solvent: -80°C for 1 year



Biological Description

Description	Hyperoside (Hyperin) is a naturally occurring flavonoid compound which shows multiple bioactivities, including myocardial protection, anti-redox, and anti-inflammatory activities.
Targets(IC50)	Antifungal, Influenza Virus

Solubility Information

Solubility	DMSO: 60 mg/mL (129.2 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	2.1534 mL	10.767 mL	21.5341 mL
5 mM	0.4307 mL	2.1534 mL	4.3068 mL
10 mM	0.2153 mL	1.0767 mL	2.1534 mL
50 mM	0.0431 mL	0.2153 mL	0.4307 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.

Reference

Zhang N, et al. PLoS One. 2014 Jul 1;9(7):e98973.

Zhang H, Liang B, Sang X, et al. Discovery of Potential Inhibitors of SARS-CoV-2 Main Protease by a Transfer Learning Method. Viruses. 2023, 15(4): 891.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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