

Chrysophanein

Chemical Properties

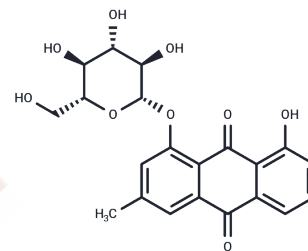
CAS No. : 4839-60-5

Formula: C₂₁H₂₀O₉

Molecular Weight: 416.38

Storage: Store under nitrogen, Keep away from direct sunlight
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	Chrysophanein (Chrysophanol 1-O-glucoside) is a hydroxyquinone compound from Aloe vera with antibacterial, antifungal, and antioxidant activity.
Targets(IC50)	Antioxidant, Antiviral, Antibacterial

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.4017 mL	12.0083 mL	24.0165 mL
5 mM	0.4803 mL	2.4017 mL	4.8033 mL
10 mM	0.2402 mL	1.2008 mL	2.4017 mL
50 mM	0.048 mL	0.2402 mL	0.4803 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

Diaz F, et al. Anthrone and oxanthrone C-glycosides from Picramnia latifolia collected in Peru. J Nat Prod. 2004 Mar;67(3):352-6.

Matsuda H, et al. Effects of stilbene constituents from rhubarb on nitric oxide production in lipopolysaccharide-activated macrophages. Bioorg Med Chem Lett. 2000 Feb 21;10(4):323-7.

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