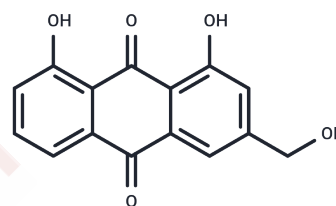


Aloe emodin

Chemical Properties

CAS No. :	481-72-1
Formula:	C ₁₅ H ₁₀ O ₅
Molecular Weight:	270.24
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	Aloe emodin (Rhabarberone) is an interferon-inducing agent, for JEV (IC ₅₀ =1 µg/mL) and EV71 (IC ₅₀ =0.33 µg/mL) .
Targets(IC ₅₀)	Apoptosis, Autophagy, HSV, Influenza Virus, mTOR

Solubility Information

Solubility	Ethanol: < 1 mg/mL (insoluble or slightly soluble), DMSO: 18 mg/mL (66.61 mM), Sonication is recommended. H ₂ O: < 1 mg/mL (insoluble or slightly soluble), (< 1 mg/ml refers to the product slightly soluble or insoluble)
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.7004 mL	18.5021 mL	37.0041 mL
5 mM	0.7401 mL	3.7004 mL	7.4008 mL
10 mM	0.370 mL	1.8502 mL	3.7004 mL
50 mM	0.074 mL	0.370 mL	0.7401 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

Li SW, et al. Eur J Pharmacol. 2014 Sep 5;738:125-32.

Zhang H, Cai J, Li C, et al. Wogonin inhibits latent HIV-1 reactivation by downregulating histone crotonylation. Phytomedicine.2023: 154855.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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