

Epimedoside A

Chemical Properties

CAS No. : 39012-04-9

Formula: C32H38O15

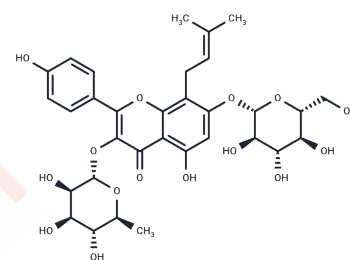
Molecular Weight: 662.64

Keep away from moisture, Keep away from direct sunlight

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	Epimedoside A has significant antioxidant activity in vitro.
Targets(IC50)	Others
In vitro	Seven flavonoids named diphyllaside A, Epimedoside A, epimedin C, icariin, epimedoside C, icarisoside A, desmethylanhydroicaritin, as well as the oleanolic acid, were isolated from the roots of Epimedium wushanense for the first time. These flavonoids manifested significant antioxidant activity in vitro. Scavenging effects of two flavonoids were comparable to that of Vitamin C.

Solubility Information

Solubility	DMSO: 50 mg/mL (75.46 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	1.5091 mL	7.5456 mL	15.0912 mL
5 mM	0.3018 mL	1.5091 mL	3.0182 mL
10 mM	0.1509 mL	0.7546 mL	1.5091 mL
50 mM	0.0302 mL	0.1509 mL	0.3018 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

Chemical constituents of roots of Epimedium wushanense and evaluation of their biological activities. Nat Prod Res. 2007 Jun;21(7):600-5.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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