

## Diphyllloside A

## Chemical Properties

CAS No. :	113558-11-5
Formula:	C38H48O20
Molecular Weight:	824.78
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	Diphyllloside A (Ikarisoside C) is a flavonoid glycoside and a prenylated flavonoid derivative that is frequently studied as an active component in traditional Chinese medicine. Diphyllloside A exhibits antioxidant, anti-inflammatory, and bone metabolism-regulating activities, and has garnered significant attention in research on osteoporosis and the pharmacology of natural medicines.
Targets(IC50)	Others

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.2124 mL	6.0622 mL	12.1244 mL
5 mM	0.2425 mL	1.2124 mL	2.4249 mL
10 mM	0.1212 mL	0.6062 mL	1.2124 mL
50 mM	0.0242 mL	0.1212 mL	0.2425 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

Naseer S, et al. LC-MS guided isolation, quantification and antioxidant evaluation of bioactive principles from *Epimedium elatum*. J Chromatogr B Analyt Technol Biomed Life Sci. 2015 May 1;989:62-70.

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