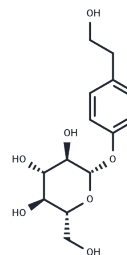


## Icariside D2

## Chemical Properties

CAS No. :	38954-02-8
Formula:	C <sub>14</sub> H <sub>20</sub> O <sub>7</sub>
Molecular Weight:	300.3
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	Icariside D2 shows significant cytotoxic activity on the HL-60 cell line with the IC <sub>50</sub> value of 9.0 ± 1.0 μM, it induces apoptosis via alteration of expression of apoptosis-related proteins and decreased phosphorylation of AKT in HL-60 cells.
Targets(IC <sub>50</sub> )	Apoptosis,Akt,HIV Protease,Angiotensin-converting Enzyme (ACE)

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.330 mL	16.650 mL	33.300 mL
5 mM	0.666 mL	3.330 mL	6.660 mL
10 mM	0.333 mL	1.665 mL	3.330 mL
50 mM	0.0666 mL	0.333 mL	0.666 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.

**Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins**

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