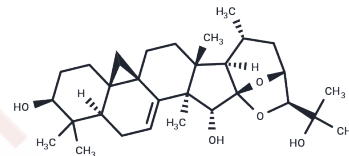


## 7,8-Didehydrocimigenol

## Chemical Properties

CAS No. :	150972-72-8
Formula:	C <sub>30</sub> H <sub>46</sub> O <sub>5</sub>
Molecular Weight:	486.693
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	7,8-Didehydrocimigenol can be used for the treatment of cardiovascular disorders such as atherosclerosis. It upregulates PPAR- $\gamma$ in EC inhibits NF- $\kappa$ B activity of TNF- $\alpha$ -activated EC which leads to selective inhibition of VCAM-1 expression.
Targets(IC50)	ERK,NF- $\kappa$ B,Akt,I $\kappa$ B/IKK,PPAR,TNF

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.0547 mL	10.2735 mL	20.547 mL
5 mM	0.4109 mL	2.0547 mL	4.1094 mL
10 mM	0.2055 mL	1.0273 mL	2.0547 mL
50 mM	0.0411 mL	0.2055 mL	0.4109 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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