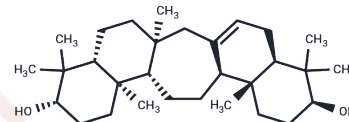


## Serratenediol

## Chemical Properties

CAS No. :	2239-24-9
Formula:	C30H50O2
Molecular Weight:	442.72
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	Serratenediol demonstrates strong inhibitory effects on the Epstein-Barr virus early antigen (EBV-EA) activation without showing any cytotoxicity, its effects being stronger than that of a representative control, oleanolic acid. Serratenediol can promote the proliferation rate, alkaline phosphatase (ALP) activity and some osteogenic gene expression of osteoblasts. Serratenediol also has significant and dose-dependent growth inhibitory effects on HL-60 cells via regulating the ratio of Bax/Bcl-xL.
Targets(IC50)	Bcl-2 Family, Caspase, PARP

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.2588 mL	11.2938 mL	22.5876 mL
5 mM	0.4518 mL	2.2588 mL	4.5175 mL
10 mM	0.2259 mL	1.1294 mL	2.2588 mL
50 mM	0.0452 mL	0.2259 mL	0.4518 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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