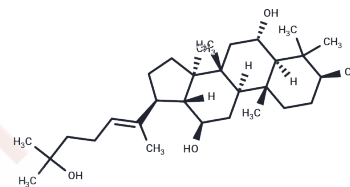


3 $\beta$ ,6 $\alpha$ ,12 $\beta$ -Dammar-E-20(22)-ene-3,6,12,25-tetraol

## Chemical Properties

CAS No. :	97744-95-1
Formula:	C <sub>30</sub> H <sub>52</sub> O <sub>4</sub>
Molecular Weight:	476.742
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	3 $\beta$ ,6 $\alpha$ ,12 $\beta$ -Dammar-E-20(22)-ene-3,6,12,25-tetraol is a compound that functions as a SIRT1 activator, effectively enhancing SIRT1 activity and demonstrating notable anti-tumor properties.
Targets(IC50)	Others,Sirtuin

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.0976 mL	10.4879 mL	20.9758 mL
5 mM	0.4195 mL	2.0976 mL	4.1952 mL
10 mM	0.2098 mL	1.0488 mL	2.0976 mL
50 mM	0.042 mL	0.2098 mL	0.4195 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

Xiu-Wei Yang, et al. SIRT1 activator isolated from artificial gastric juice incubate of total saponins in stems and leaves of Panax ginseng . Bioorg Med Chem Lett. 2018 Feb 1;28(3):240-243.

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