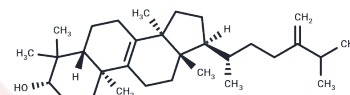


## Euphorbadienol

## Chemical Properties

CAS No. :	566-14-3
Formula:	C <sub>31</sub> H <sub>52</sub> O
Molecular Weight:	440.74
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	Euphorbadienol is a triterpenic compound isolated from the latex of Euphorbia resinifera. It has antileishmanial and antitrypanosomal activity.
Targets(IC50)	Others,Parasite

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.2689 mL	11.3446 mL	22.6891 mL
5 mM	0.4538 mL	2.2689 mL	4.5378 mL
10 mM	0.2269 mL	1.1345 mL	2.2689 mL
50 mM	0.0454 mL	0.2269 mL	0.4538 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

- Smaili A, et al. Triterpene derivatives from Euphorbia enhance resistance against Verticillium wilt of tomato. *Phytochemistry*. 2017 Mar;135:169-180.
- Mazoir N, et al. Antileishmanial and antitrypanosomal activity of triterpene derivatives from latex of two Euphorbia species. *Z Naturforsch C J Biosci*. 2011 Jul-Aug;66(7-8):360-6.

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