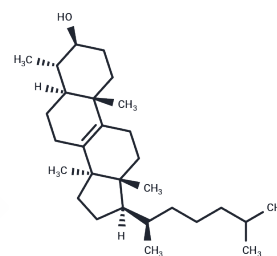


## 31-Norlanostenol

## Chemical Properties

CAS No. :	16910-39-7
Formula:	C <sub>29</sub> H <sub>50</sub> O
Molecular Weight:	414.71
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	31-Norlanostenol is a triterpene isolated from the latex of <i>Euphorbia officinarum</i> . It can act as an efficient insect growth regulator on <i>S. frugiperda</i> and <i>Tenebrio molitor</i> .
Targets(IC50)	Others

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.4113 mL	12.0566 mL	24.1132 mL
5 mM	0.4823 mL	2.4113 mL	4.8226 mL
10 mM	0.2411 mL	1.2057 mL	2.4113 mL
50 mM	0.0482 mL	0.2411 mL	0.4823 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

AmalSmaili, et al. Triterpene derivatives from *Euphorbia* enhance resistance against *Verticillium* wilt of tomato. *Phytochemistry*. Volume 135, March 2017, Pages 169-180.

Mazoir N, et al. Bioactive triterpene derivatives from latex of two *Euphorbia* species. *Phytochemistry*. 2008 Apr;69 (6):1328-38.

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