

## Oleanolic aldehyde

## Chemical Properties

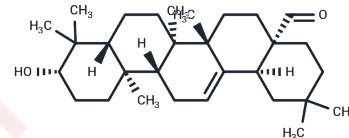
CAS No. : 17020-22-3

Formula: C<sub>30</sub>H<sub>48</sub>O<sub>2</sub>

Molecular Weight: 440.7

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	Oleanolic aldehyde, an antimicrobial agent, effectively hinders the growth of oral pathogens <i>Streptococcus mutans</i> and <i>Porphyromonas gingivalis</i> , implicated in dental caries and periodontal disease. The compound exhibits minimum inhibitory concentrations (MICs) of 488 µg/mL and 250 µg/mL against these bacteria respectively [1].
Targets(IC50)	Others,Antibacterial

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.2691 mL	11.3456 mL	22.6912 mL
5 mM	0.4538 mL	2.2691 mL	4.5382 mL
10 mM	0.2269 mL	1.1346 mL	2.2691 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.

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