

## Lauric Acid Diethanolamide

## Chemical Properties

CAS No. :	120-40-1
Formula:	C <sub>16</sub> H <sub>33</sub> NO <sub>3</sub>
Molecular Weight:	287.44
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	Lauric Acid Diethanolamide (Lauric diethanolamide) is a marine derived natural products found in Bacillus sp.
Targets(IC50)	Others

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.479 mL	17.3949 mL	34.7899 mL
5 mM	0.6958 mL	3.479 mL	6.958 mL
10 mM	0.3479 mL	1.7395 mL	3.479 mL
50 mM	0.0696 mL	0.3479 mL	0.6958 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

Mondol MA, Shin HJ. Antibacterial and antiyeast compounds from marine-derived bacteria. Mar Drugs. 2014 May 13;12(5):2913-21. doi: 10.3390/md12052913. PMID: 24828294; PMCID: PMC4052323.

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