

## Dioctadecylamine

## Chemical Properties

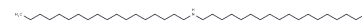
CAS No. : 112-99-2

Formula: C<sub>36</sub>H<sub>75</sub>N

Molecular Weight: 521.987

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	Dioctadecylamine (DODA) is a secondary amine known for its lamellar self-organizing structure in aqueous solutions. It exhibits excellent dispersibility and hydrophobicity in non-polar solvents. Additionally, Dioctadecylamine does not form monolayers at pH levels above 3.9.
Targets(IC50)	Liposome

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.9157 mL	9.5787 mL	19.1575 mL
5 mM	0.3831 mL	1.9157 mL	3.8315 mL
10 mM	0.1916 mL	0.9579 mL	1.9157 mL
50 mM	0.0383 mL	0.1916 mL	0.3831 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.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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