

Didodecylamine

Chemical Properties

CAS No. :	3007-31-6
Formula:	C ₂₄ H ₅₁ N
Molecular Weight:	353.668
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	Didodecylamine (N-Dodecyl-dodecan-1-amine) is a chemical reagent characterized by a secondary amine linked to two saturated C12 tails. The secondary amine functions as a versatile substrate for constructing various bonds. Didodecylamine can serve as an intermediate in the synthesis of lipid nanoparticles.
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.8275 mL	14.1375 mL	28.2749 mL
5 mM	0.5655 mL	2.8275 mL	5.655 mL
10 mM	0.2827 mL	1.4137 mL	2.8275 mL
50 mM	0.0565 mL	0.2827 mL	0.5655 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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Tel:781-999-4286 E_mail:info@targetmol.com Address:34 Washington Street,Wellesley Hills,MA 02481