

Octylamine

Chemical Properties

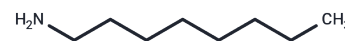
CAS No. : 111-86-4

Formula: C₈H₁₉N

Molecular Weight: 129.243

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	Octylamine (n-Octylamine) is a chemical reagent featuring a primary amine and a saturated C8 tail. This primary amine acts as a versatile substrate for constructing various bonds. Additionally, octylamine serves as an intermediate in the synthesis of lipids utilized in lipid nanoparticle construction.
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	7.7375 mL	38.6877 mL	77.3754 mL
5 mM	1.5475 mL	7.7375 mL	15.4751 mL
10 mM	0.7738 mL	3.8688 mL	7.7375 mL
50 mM	0.1548 mL	0.7738 mL	1.5475 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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