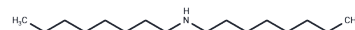


Dioctylamine

Chemical Properties

| | |
|-------------------|---|
| CAS No. : | 1120-48-5 |
| Formula: | C ₁₆ H ₃₅ N |
| Molecular Weight: | 241.456 |
| 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 | Dioctylamine (Di-n-octylamine) is a chemical reagent characterized by a secondary amine structure attached to two saturated C8 chains. As a versatile substrate, secondary amines are employed in constructing various bonds. Dioctylamine can also serve as an intermediate in the synthesis of lipid nanoparticles. |
|-------------|---|

Preparing Stock Solutions

| | 1mg | 5mg | 10mg |
|-------|-----------|------------|------------|
| 1 mM | 4.1415 mL | 20.7074 mL | 41.4147 mL |
| 5 mM | 0.8283 mL | 4.1415 mL | 8.2829 mL |
| 10 mM | 0.4141 mL | 2.0707 mL | 4.1415 mL |
| 50 mM | 0.0828 mL | 0.4141 mL | 0.8283 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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Tel:781-999-4286 E_mail:info@targetmol.com Address:34 Washington Street,Wellesley Hills,MA 02481