

N'-benzyl-N,N-dimethylethylenediamine

Chemical Properties

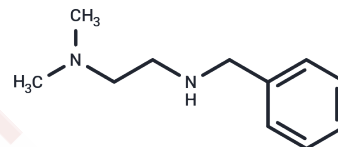
CAS No. : 103-55-9

Formula: C₁₁H₁₈N₂

Molecular Weight: 178.274

Storage: Pure form: -20°C for 3 years | In solvent: -80°C for 1 year

Actual storage temperature shall be subject to the COA.



Biological Description

Description

N'-benzyl-N,N-dimethylethylenediamine, with CAS No. 103-55-9, is a fragment molecule that serves as an important scaffold for molecular linking, expansion, and modification. N'-benzyl-N,N-dimethylethylenediamine provides a structural basis and research tool for the design and screening of novel drug candidates, and is commonly used in drug discovery, drug synthesis, and related research.

Preparing Stock Solutions

| | 1mg | 5mg | 10mg |
|-------|-----------|------------|------------|
| 1 mM | 5.6095 mL | 28.0473 mL | 56.0947 mL |
| 5 mM | 1.1219 mL | 5.6095 mL | 11.2189 mL |
| 10 mM | 0.5609 mL | 2.8047 mL | 5.6095 mL |
| 50 mM | 0.1122 mL | 0.5609 mL | 1.1219 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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