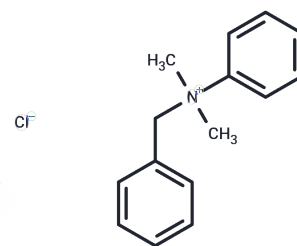


N-Benzyl-N,N-dimethylbenzenaminium chloride

Chemical Properties

| | |
|-------------------|---|
| CAS No. : | 3204-68-0 |
| Formula: | C ₁₅ H ₁₈ ClN |
| Molecular Weight: | 247.76 |
| Storage: | Keep away from moisture Powder: -20°C for 3 years In solvent: -80°C for 1 year <small>Actual storage temperature shall be subject to the COA.</small> |



Biological Description

| | |
|-------------|--|
| Description | N-Benzyl-N,N-dimethylbenzenaminium chloride is a quaternary ammonium compound classified under alkyl ammonium salts. This compound is widely utilized as a phase transfer catalyst in organic synthesis, enabling the transfer of reactants between immiscible phases. Additionally, it serves as an emulsifier, surfactant, or disinfectant in various industrial applications. Its distinctive chemical properties make it a vital component in the production of pharmaceuticals, agrochemicals, and polymer materials. |
|-------------|--|

Preparing Stock Solutions

| | 1mg | 5mg | 10mg |
|-------|-----------|------------|------------|
| 1 mM | 4.0362 mL | 20.1808 mL | 40.3616 mL |
| 5 mM | 0.8072 mL | 4.0362 mL | 8.0723 mL |
| 10 mM | 0.4036 mL | 2.0181 mL | 4.0362 mL |
| 50 mM | 0.0807 mL | 0.4036 mL | 0.8072 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

This product is for Research Use Only · Not for Human or Veterinary or Therapeutic Use

Tel: 781-999-4286 E_mail: info@targetmol.com Address: 34 Washington Street, Wellesley Hills, MA 02481