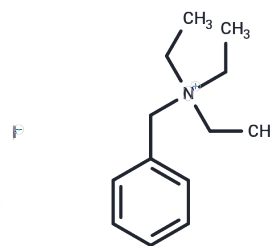


N-Benzyl-N,N-diethylethanaminium iodide

Chemical Properties

CAS No. :	5400-94-2
Formula:	C ₁₃ H ₂₂ IN
Molecular Weight:	319.23
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	N-Benzyl-N,N-diethylethanaminium iodide is a quaternary ammonium salt consisting of a positively charged N-benzyl-N,N-diethylethylamine cation and a negatively charged iodide anion. This compound is commonly employed as a phase-transfer catalyst in organic chemical reactions, facilitating the transport of reactants between immiscible phases. Additionally, it serves as a reagent for synthesizing various organic compounds and is utilized in industrial and personal care products as a surfactant or emulsifier.
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.1325 mL	15.6627 mL	31.3254 mL
5 mM	0.6265 mL	3.1325 mL	6.2651 mL
10 mM	0.3133 mL	1.5663 mL	3.1325 mL
50 mM	0.0627 mL	0.3133 mL	0.6265 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