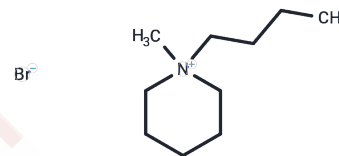


N-butyl-N-methyl-piperidinium bromide

Chemical Properties

CAS No. :	94280-72-5
Formula:	C ₁₀ H ₂₂ BrN
Molecular Weight:	236.19
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-butyl-N-methyl-piperidinium bromide is a quaternary ammonium compound classified under piperidinium salts. It serves primarily as a phase transfer catalyst in organic synthesis, facilitating the transfer of reactants between immiscible phases. Additionally, it functions as a surfactant, corrosion inhibitor, and antimicrobial agent. Its unique chemical properties make it a valuable reagent across various industries, including pharmaceuticals, agricultural chemicals, and materials science.
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	4.2339 mL	21.1694 mL	42.3388 mL
5 mM	0.8468 mL	4.2339 mL	8.4678 mL
10 mM	0.4234 mL	2.1169 mL	4.2339 mL
50 mM	0.0847 mL	0.4234 mL	0.8468 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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