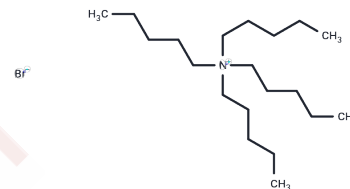


Tetrapentylammonium bromide

Chemical Properties

CAS No. :	866-97-7
Formula:	C ₂₀ H ₄₄ BrN
Molecular Weight:	378.47
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	Tetrapentylammonium bromide is a quaternary ammonium salt, consisting of a positively charged tetrapentylammonium cation and a negatively charged bromide anion. This compound is commonly used as a phase transfer catalyst in organic synthesis reactions, facilitating the transfer of reactants between immiscible phases. Additionally, it is employed in the synthesis of surfactants, detergents, and pharmaceuticals.
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.6422 mL	13.2111 mL	26.4222 mL
5 mM	0.5284 mL	2.6422 mL	5.2844 mL
10 mM	0.2642 mL	1.3211 mL	2.6422 mL
50 mM	0.0528 mL	0.2642 mL	0.5284 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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