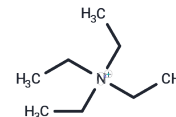


Tetraethylammonium tetrafluoroborate

Chemical Properties

CAS No. :	429-06-1
Formula:	C ₈ H ₂₀ BF ₄ N
Molecular Weight:	217.06
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	Tetraethylammonium tetrafluoroborate is classified as a quaternary ammonium salt, consisting of a positively charged tetraethylammonium cation and a negatively charged tetrafluoroborate anion. This compound is often utilized as a phase transfer catalyst in organic chemical reactions to facilitate the movement of reactants between immiscible phases. It also serves as a reagent in the synthesis of various organic compounds, an electrolyte in electrochemical experiments, and a source of tetraethylammonium ions in biochemical and pharmacological research.
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	4.607 mL	23.0351 mL	46.0702 mL
5 mM	0.9214 mL	4.607 mL	9.214 mL
10 mM	0.4607 mL	2.3035 mL	4.607 mL
50 mM	0.0921 mL	0.4607 mL	0.9214 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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