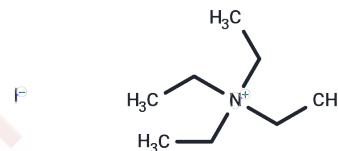


Tetraethylammonium iodide

Chemical Properties

CAS No. :	68-05-3
Formula:	C ₈ H ₂₀ I _N
Molecular Weight:	257.16
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 (iodide) is a quaternary ammonium compound that falls under the category of alkyl ammonium salts. It is commonly utilized as a phase transfer catalyst in organic synthesis, facilitating the transfer of reactants between immiscible phases. Additionally, it serves as an electrolyte in electrochemical devices and as a surfactant in detergent formulations. Its unique chemical properties make it an essential component in various industrial applications, including pharmaceuticals, agrochemicals, and materials science.
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.8886 mL	19.4431 mL	38.8863 mL
5 mM	0.7777 mL	3.8886 mL	7.7773 mL
10 mM	0.3889 mL	1.9443 mL	3.8886 mL
50 mM	0.0778 mL	0.3889 mL	0.7777 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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