

Triethylmethylammonium chloride

Chemical Properties

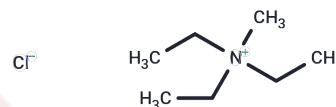
CAS No. : 10052-47-8

Formula: C₇H₁₈ClN

Molecular Weight: 151.68

Storage: Store at RT

Actual storage temperature shall be subject to the COA.



Biological Description

Description	Triethylmethylammonium chloride is a quaternary ammonium salt, classified as an alkylammonium salt. This compound is widely used 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, a surfactant in emulsion polymerization, and a corrosion inhibitor. Its unique chemical properties make it an essential component in various industrial applications, including pharmaceuticals, agrochemicals, and materials science.
Targets(IC50)	Others

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	6.5928 mL	32.9641 mL	65.9283 mL
5 mM	1.3186 mL	6.5928 mL	13.1857 mL
10 mM	0.6593 mL	3.2964 mL	6.5928 mL
50 mM	0.1319 mL	0.6593 mL	1.3186 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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