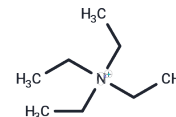
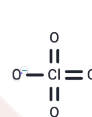


## Tetraethylammonium perchlorate

## Chemical Properties

CAS No. :	2567-83-1
Formula:	C <sub>8</sub> H <sub>20</sub> ClNO <sub>4</sub>
Molecular Weight:	229.7
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 perchlorate is an organic compound containing ammonium ions and perchlorate ions. It is commonly used as an electrolyte in electrochemistry and as a source of perchlorate anions in analytical chemistry. With its high ionic conductivity and stability under extreme conditions, tetraethylammonium perchlorate finds various applications in the production of batteries, fuel cells, and electronic components. Additionally, it serves as a reference standard in analytical methods such as ion chromatography.
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## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	4.3535 mL	21.7675 mL	43.535 mL
5 mM	0.8707 mL	4.3535 mL	8.707 mL
10 mM	0.4354 mL	2.1768 mL	4.3535 mL
50 mM	0.0871 mL	0.4354 mL	0.8707 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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