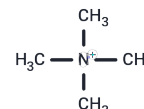
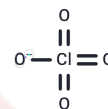


## Tetramethylammonium perchlorate

## Chemical Properties

CAS No. :	2537-36-2
Formula:	C <sub>4</sub> H <sub>12</sub> ClNO <sub>4</sub>
Molecular Weight:	173.6
Storage:	Powder: -20°C for 3 years   In solvent: -80°C for 1 year Actual storage temperature shall be subject to the COA.



## Biological Description

Description	Tetramethylammonium perchlorate serves as an intermediate in organic and chemical synthesis. It is utilized in high-performance liquid chromatography (HPLC) as a mobile phase for the quantification of olanzapine, clozapine, and N-desmethylclozapine. Additionally, it acts as a supporting electrolyte in the electrochemical reduction of 1-bromodecane, 1-iodododecane, 2-iodooctane, and 2-bromooctane on a mercury cathode.
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## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	5.7604 mL	28.8018 mL	57.6037 mL
5 mM	1.1521 mL	5.7604 mL	11.5207 mL
10 mM	0.576 mL	2.8802 mL	5.7604 mL
50 mM	0.1152 mL	0.576 mL	1.1521 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.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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