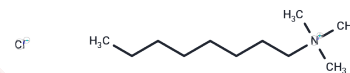


## N,N,N-Trimethyloctan-1-aminium chloride

## Chemical Properties

CAS No. :	10108-86-8
Formula:	C <sub>11</sub> H <sub>26</sub> ClN
Molecular Weight:	207.78
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	N,N,N-Trimethyloctan-1-aminium chloride is a quaternary ammonium salt composed of a positively charged N,N,N-trimethyloctan-1-aminium cation and a negatively charged chloride anion. This compound is widely used as a surfactant and emulsifier in various applications such as detergents, fabric softeners, and personal care products. Additionally, it serves as a phase transfer catalyst in organic chemical reactions, enhancing the transfer of reactants between immiscible phases. It also possesses antibacterial properties, making it useful as a disinfectant or preservative in certain products.
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## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	4.8128 mL	24.0639 mL	48.1278 mL
5 mM	0.9626 mL	4.8128 mL	9.6256 mL
10 mM	0.4813 mL	2.4064 mL	4.8128 mL
50 mM	0.0963 mL	0.4813 mL	0.9626 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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