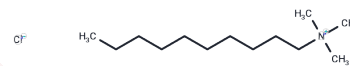


## Decyltrimethylammonium chloride

## Chemical Properties

CAS No. :	10108-87-9
Formula:	C <sub>13</sub> H <sub>30</sub> ClN
Molecular Weight:	235.84
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-Trimethyldecyl-1-ammonium chloride, a compound in the quaternary ammonium category, is a salt with cationic properties suitable for diverse industrial and biomedical applications. Known as Decyltrimethylammonium chloride, it often functions as a surfactant, emulsifier, and disinfectant in personal care products, cleaners, textiles, and pharmaceutical formulations. Additionally, it serves as a phase transfer catalyst in organic synthesis reactions, aiding in the movement of reactants between immiscible phases.
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## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	4.2402 mL	21.2008 mL	42.4016 mL
5 mM	0.848 mL	4.2402 mL	8.4803 mL
10 mM	0.424 mL	2.1201 mL	4.2402 mL
50 mM	0.0848 mL	0.424 mL	0.848 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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