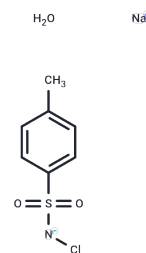


## Chloramine-T

### Chemical Properties

CAS No. :	127-65-1
Formula:	C7H7ClNNaO2S
Molecular Weight:	227.65
Appearance:	no data available
Storage:	Powder: -20°C for 3 years   In solvent: -80°C for 1 year



### Biological Description

Description	Chloramine-T (Chloralene) is a N-chlorinated, and N-deprotonated sulfonamide, used as a biocide and a mild disinfectant.
Targets(IC50)	Antibacterial

### Solubility Information

Solubility	<p>H2O: 180.11 mM, Sonication is recommended.</p> <p>DMSO: 60 mg/mL (263.56 mM), Sonication is recommended.</p> <p>(&lt; 1 mg/ml refers to the product slightly soluble or insoluble)</p>
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### Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	4.3927 mL	21.9635 mL	43.9271 mL
5 mM	0.8785 mL	4.3927 mL	8.7854 mL
10 mM	0.4393 mL	2.1964 mL	4.3927 mL
50 mM	0.0879 mL	0.4393 mL	0.8785 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.

### Reference

Boran H, Altinok I. J Fish Dis. 2014 May; 37(5):431-41.

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Tel: 781-999-4286    E\_mail: info@targetmol.com    Address: 36 Washington Street, Wellesley Hills, MA 02481