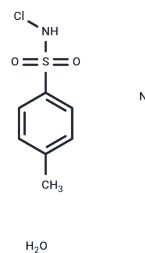


## Chloramine-T hydrate

## Chemical Properties

CAS No. :	149358-73-6
Formula:	C7H7ClNO2S?Na[XH2O]
Molecular Weight:	227.6
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	Chloramine-T serves as a versatile reagent in numerous synthetic procedures, including aminohydroxylation, allylic amination, as a nitrogen source in aziridination reactions of alkenes and olefins, and for the deprotection of thio groups in sulfur-containing molecules. Additionally, it plays a role in the synthesis of Factor Xa inhibitors. At a concentration of 0.2% w/v, Chloramine-T acts as an effective antiseptic agent with bactericidal properties against <i>S. epidermidis</i> , <i>S. aureus</i> , <i>E. faecalis</i> , <i>E. coli</i> , <i>P. mirabilis</i> , and <i>E. cloacae</i> .
Targets(IC50)	Factor Xa,Others,Antibacterial

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	4.3937 mL	21.9684 mL	43.9367 mL
5 mM	0.8787 mL	4.3937 mL	8.7873 mL
10 mM	0.4394 mL	2.1968 mL	4.3937 mL
50 mM	0.0879 mL	0.4394 mL	0.8787 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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