

## Sodium Hypochlorite

## Chemical Properties

CAS No. : 7681-52-9

Formula: ClNaO

Molecular Weight: 74.44

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	Sodium Hypochlorite is an alkaline inorganic compound commonly employed as a chlorine-based bleaching agent, possessing antifungal and antiviral activity.
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## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	13.4336 mL	67.1682 mL	134.3364 mL
5 mM	2.6867 mL	13.4336 mL	26.8673 mL
10 mM	1.3434 mL	6.7168 mL	13.4336 mL
50 mM	0.2687 mL	1.3434 mL	2.6867 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.

## Reference

Leng B, et al. Heterologous expression of the Limonium bicolor MYB transcription factor LbTRY in Arabidopsis thaliana increases salt sensitivity by modifying root hair development and osmotic homeostasis. Plant Sci. 2021 Jan;302:110704.

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