

## 2-Amino-2-Methyl-1-Propanol Hydrochloride

## Chemical Properties

CAS No. : 3207-12-3

Formula: C<sub>4</sub>H<sub>12</sub>ClNO

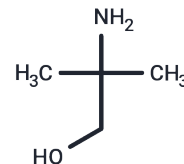
Molecular Weight: 125.6

Keep away from direct sunlight

Storage: Store at RT

Actual storage temperature shall be subject to the COA.

HCl



## Biological Description

Description	2-Amino-2-Methyl-1-Propanol Hydrochloride is an important amino alcohol compound with an effective pH range of 8.7 to 10.4 as a buffer solution, and can also be used as a dispersant and emulsifier.
Targets(IC50)	Others

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	7.9618 mL	39.8089 mL	79.6178 mL
5 mM	1.5924 mL	7.9618 mL	15.9236 mL
10 mM	0.7962 mL	3.9809 mL	7.9618 mL
50 mM	0.1592 mL	0.7962 mL	1.5924 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

Chen X, et,al. Reaction kinetics of CO<sub>2</sub> capture into AMP/PZ/DME solid-liquid biphasic solvent. J Environ Sci (China). 2025 Apr;150:622-631. doi: 10.1016/j.jes.2023.06.017. Epub 2023 Jun 21.

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