

## L-Tartaric acid sodium hydrate

## Chemical Properties

CAS No. : 6131-98-2

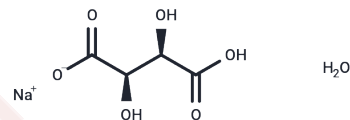
Formula: C<sub>4</sub>H<sub>7</sub>NaO<sub>7</sub>

Molecular Weight: 190.08

Keep away from moisture

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	L-Tartaric acid sodium hydrate, an enantiomer of D-tartaric acid, is a dicarboxylic acid prevalent in plants like grapes and a primary organic acid in wine.
Targets(IC50)	Others

## Solubility Information

Solubility	H <sub>2</sub> O: 15 mg/mL (78.91 mM) (< 1 mg/ml refers to the product slightly soluble or insoluble)
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## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	5.2609 mL	26.3047 mL	52.6094 mL
5 mM	1.0522 mL	5.2609 mL	10.5219 mL
10 mM	0.5261 mL	2.6305 mL	5.2609 mL
50 mM	0.1052 mL	0.5261 mL	1.0522 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

DeBolt S, Cook D R, Ford C M. L-Tartaric acid synthesis from vitamin C in higher plants[J]. Proceedings of the National Academy of Sciences, 2006, 103(14): 5608-5613.

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