

## Ethyl L-lactate

## Chemical Properties

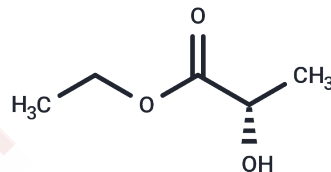
CAS No. : 687-47-8

Formula: C<sub>5</sub>H<sub>10</sub>O<sub>3</sub>

Molecular Weight: 118.13

Storage: Pure form: -20°C for 3 years | In solvent: -80°C for 1 year

Actual storage temperature shall be subject to the COA.



## Biological Description

Description	Ethyl L-lactate, also known as L-lactic acid ethyl ester, is commonly used in biodegradable plastics and hand sanitizers, and is widely applied in biochemical experiments and drug synthesis research.
Targets(IC50)	Others

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	8.4653 mL	42.3263 mL	84.6525 mL
5 mM	1.6931 mL	8.4653 mL	16.9305 mL
10 mM	0.8465 mL	4.2326 mL	8.4653 mL
50 mM	0.1693 mL	0.8465 mL	1.6931 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

Zhou J, et al. Diversity and dynamics of microbial communities during spontaneous fermentation of different cultivars of apples from China and their relationship with the volatile components in the cider. Food Res Int. 2025 Apr;206:116029.

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