

## Ethyl 2-hydroxy-4-methylpentanoate

## Chemical Properties

CAS No. :	10348-47-7
Formula:	C <sub>8</sub> H <sub>16</sub> O <sub>3</sub>
Molecular Weight:	160.211
Storage:	Store at 4°C <small>Actual storage temperature shall be subject to the COA.</small>

## Biological Description

Description	Ethyl 2-hydroxy-4-methylpentanoate (Ethyl DL-Leucate) is an ethyl ester derivative of dl-leucine and can be used to synthesize other compounds.
Targets(IC50)	Others

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	6.2418 mL	31.209 mL	62.4181 mL
5 mM	1.2484 mL	6.2418 mL	12.4836 mL
10 mM	0.6242 mL	3.1209 mL	6.2418 mL
50 mM	0.1248 mL	0.6242 mL	1.2484 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

Bambina, P., Vitaggio, C., Pollon, M. et al. Fermentation performance of *Saccharomyces cerevisiae* yeast strain with high alcoholigenous power. *Eur Food Res Technol* 250, 425-440 (2024).

Al-Dalali, S., Zheng, F., Sun, B. et al. Determination of the aroma changes of Zhengrong vinegar during different processing steps by SPME-GC-MS and GC-O. *Food Measure* 14, 535-547 (2020).

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