

## Ethyl 4-methylpentanoate

## Chemical Properties

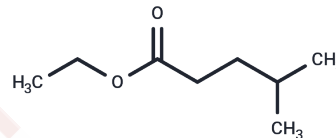
CAS No. : 25415-67-2

Formula: C<sub>8</sub>H<sub>16</sub>O<sub>2</sub>

Molecular Weight: 144.21

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 4-methylpentanoate is an ester compound applicable in biochemical experiments and drug synthesis research.
Targets(IC50)	Others

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	6.9343 mL	34.6717 mL	69.3433 mL
5 mM	1.3869 mL	6.9343 mL	13.8687 mL
10 mM	0.6934 mL	3.4672 mL	6.9343 mL
50 mM	0.1387 mL	0.6934 mL	1.3869 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

- Fritsch HT, Schieberle P. Identification based on quantitative measurements and aroma recombination of the character impact odorants in a Bavarian Pilsner-type beer. *J Agric Food Chem.* 2005 Sep 21;53(19):7544-51.
- Campo E, et al. Identification of three novel compounds in wine by means of a laboratory-constructed multidimensional gas chromatographic system. *J Chromatogr A.* 2006 Jul 28;1122(1-2):202-8.
- Kollmannsberger H, et al. Volatile and capsaicinoid composition of ají (*Capsicum baccatum*) and rocoto (*Capsicum pubescens*), two Andean species of chile peppers. *J Sci Food Agric.* 2011 Jul;91(9):1598-611.
- Pérez D, et al. Modulation of aroma and chemical composition of Albariño semi-synthetic wines by non-wine *Saccharomyces* yeasts and bottle aging. *Food Microbiol.* 2022 Jun;104:103981.
- Hu X, Liu S, Li E. Microbial community succession and its correlation with the dynamics of flavor compound profiles in naturally fermented stinky sufu. *Food Chem.* 2023 Nov 30;427:136742.

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