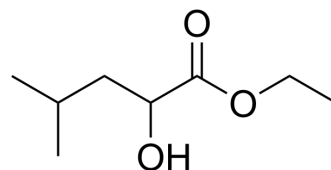


## Ethyl 2-hydroxy-4-methylpentanoate

<b>Cat. No.:</b>	HY-W114581		
<b>CAS No.:</b>	10348-47-7		
<b>Molecular Formula:</b>	C <sub>8</sub> H <sub>16</sub> O <sub>3</sub>		
<b>Molecular Weight:</b>	160.21		
<b>Target:</b>	Biochemical Assay Reagents		
<b>Pathway:</b>	Others		
<b>Storage:</b>	Pure form	-20°C	3 years
		4°C	2 years
	In solvent	-80°C	6 months
		-20°C	1 month



### SOLVENT & SOLUBILITY

#### In Vitro

DMSO : 100 mg/mL (624.18 mM; Need ultrasonic)

Concentration	Mass		
	1 mg	5 mg	10 mg
1 mM	6.2418 mL	31.2090 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

Please refer to the solubility information to select the appropriate solvent.

### BIOLOGICAL ACTIVITY

#### Description

Ethyl 2-hydroxy-4-methylpentanoate has a fruity odor and is commonly used as a flavoring agent in the food and beverage industry. In addition, it can be used as an intermediate in the synthesis of various organic compounds, including pharmaceuticals and agrochemicals. Its unique chemical properties make it an important ingredient in a variety of industrial processes, including the production of cosmetics and personal care products.

#### In Vitro

Ethyl 2-hydroxy-4-methylpentanoate is a biochemical reagent that can be used as a biological material or organic compound for life science related research.

MCE has not independently confirmed the accuracy of these methods. They are for reference only.

**Caution: Product has not been fully validated for medical applications. For research use only.**

Tel: 609-228-6898

Fax: 609-228-5909

E-mail: tech@MedChemExpress.com

Address: 1 Deer Park Dr, Suite Q, Monmouth Junction, NJ 08852, USA