

Product Data Sheet

Product Name: Methyl 2-hydroxy-4-methylvalerate

Cat. No.: GC39653

Chemical Properties

Cas. No. 40348-72-9

SMILES CC(C)CC(O)C(OC)=O

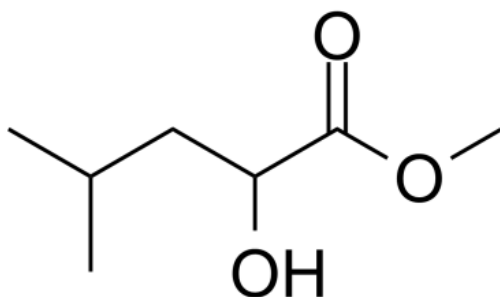
Formula $C_7H_{14}O_3$ M.Wt 146.18

Solubility DMSO : 100 mg/mL (684.09 mM; Need ultrasonic) Storage Store at -20°C

General tips For obtaining a higher solubility , please warm the tube at 37 °C and shake it in the ultrasonic bath for a while. Stock solution can be stored below -20°C for several months.

Shipping Condition Evaluation sample solution : ship with blue ice All other available size: ship with RT , or blue ice upon request.

Structure



Background

Methyl 2-hydroxy-4-methylvalerate is one of dominant volatile compounds in Zhenjiang aromatic vinegar. Methyl 2-hydroxy-4-methylvalerate is used for charting flavour biosynthesis networks of vinegar microbiota[1].

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

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[1]. Wu LH, et al. Metagenomics reveals flavour metabolic network of cereal vinegar microbiota. Food Microbiol. 2017 Apr;62:23-31.

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