
Product Data Sheet

Product Name: 2-Hydroxy-2-methylbutanoic acid

Cat. No.: GC31544

Chemical Properties

Cas. No. 3739-30-8

SMILES CCC(C)(O)C(O)=OFormula $C_5H_{10}O_3$ M.Wt 118.13

Solubility Soluble in DMSO 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**

2-Hydroxy-2-methylbutyric acid is an unusual metabolite found in the urine of patients with 2-hydroxyglutaric aciduria and maple syrup urine disease. 2-Hydroxy-2-methylbutyric acid is also a secondary metabolite found in human urine after exposure to the gasoline additive tert-amyl-Me-ether (TAME).

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

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