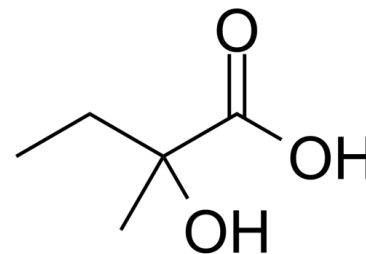


Data Sheet

Product Name:	2-Hydroxy-2-methylbutanoic acid
Cat. No.:	CS-W016590
CAS No.:	3739-30-8
Molecular Formula:	C ₅ H ₁₀ O ₃
Molecular Weight:	118.13
Target:	Endogenous Metabolite
Pathway:	Metabolic Enzyme/Protease
Solubility:	DMSO : 100 mg/mL (846.53 mM; Need ultrasonic)



BIOLOGICAL ACTIVITY:

2-Hydroxy-2-methylbutanoic acid, an unusual metabolite, is associated with 2-hydroxyglutaric aciduria and maple syrup urine disease.

References:

[1]. Dekant W, et al. Biotransformation of MTBE, ETBE, and TAME after inhalation or ingestion in rats and humans. Res Rep Health Eff Inst. 2001 May;(102):29-71; discussion 95-109.

CAIndexNames:

Butanoic acid,2-hydroxy-2-methyl-

SMILES:

CCC(C)(O)C(=O)O

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

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