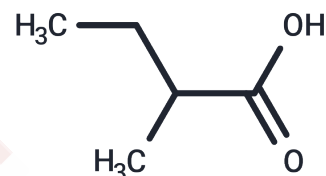


2-Methylbutanoic acid

Chemical Properties

CAS No. :	116-53-0
Formula:	C ₅ H ₁₀ O ₂
Molecular Weight:	102.13
Storage:	Powder: -20°C for 3 years In solvent: -80°C for 1 year Actual storage temperature shall be subject to the COA.



Biological Description

Description	2-Methylbutanoic acid has inhibitory activity against the Solute Carrier Family 22 and can be used in research and experiments in the life sciences field.
Targets(IC50)	Others

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	9.7914 mL	48.9572 mL	97.9144 mL
5 mM	1.9583 mL	9.7914 mL	19.5829 mL
10 mM	0.9791 mL	4.8957 mL	9.7914 mL
50 mM	0.1958 mL	0.9791 mL	1.9583 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

Zhang Y, et al. Enantiomeric ratios of 2-methylbutanoic acid and its methyl ester: Elucidation of novel biogenetic pathways towards (R)-methyl 2-methylbutanoate in a beverage fermented with shiitake. Food Chem. 2018 Nov 15;266:475-482.

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