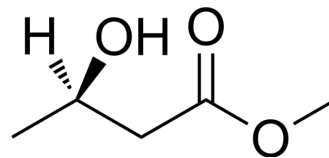


(R)-Methyl 3-hydroxybutanoate

Cat. No.:	HY-W010507		
CAS No.:	3976-69-0		
Molecular Formula:	C ₅ H ₁₀ O ₃		
Molecular Weight:	118.13		
Target:	Biochemical Assay Reagents		
Pathway:	Others		
Storage:	Pure form	-20°C	3 years
		4°C	2 years
	In solvent	-80°C	6 months
		-20°C	1 month



BIOLOGICAL ACTIVITY

Description

(R)-Methyl 3-hydroxybutanoate, (R)-Methyl 3-hydroxybutanoate is an enantiomer, from the perspective of the methyl (-CH₃) group, the hydroxyl (-OH) group on the third carbon atom. The group faces to the right, a colorless transparent liquid, soluble in organic solvents such as ethanol and ether, insoluble in water, (R)-Methyl 3-hydroxybutanoate is usually used to synthesize various organic compounds (including drugs, agricultural chemicals and flavoring agents). It can also be used as a chiral auxiliary in asymmetric synthetic reactions involving the formation of chemical bonds in a stereoselective manner.

In Vitro

(R)-Methyl 3-hydroxybutanoate 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.

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