

Ethyl 3-hydroxybutyrate

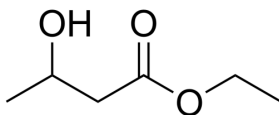
Cat. No.: HY-W012701
CAS No.: 5405-41-4
Batch No.: 589004
Chemical Name: Butanoic acid, 3-hydroxy-, ethyl ester

PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula: C₆H₁₂O₃
Molecular Weight: 132.16
Storage:

Pure form	-20°C	3 years
	4°C	2 years
In solvent	-80°C	6 months
	-20°C	1 month

Chemical Structure:



ANALYTICAL DATA

Appearance: Colorless to light yellow (Liquid)
¹H NMR Spectrum: Consistent with structure
Purity (GC): 99.86%
Optical Rotation: -1.0° (C=1.00 g/100ml, CHCl₃)
Water(KF): 0.10%
Conclusion: The product has been tested and complies with the given specifications.

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

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