Certificate of Analysis

Ethyl (S)-3-hydroxybutanoate

Cat. No.: HY-W076441
CAS No.: 56816-01-4
Batch No.: 140880

Chemical Name: Butanoic acid, 3-hydroxy-, ethyl ester, (3S)-

PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula: $C_6H_{12}O_3$ 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)

¹ H NMR Spectrum: Consistent with structure

Purity (NMR): ≥97.0%

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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