

**Product Name:** Methyl (R)-(-)-3-hydroxybutyrate, 98%  
**Catalog Number:** L14151.06

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**CAS Number:** 3976-69-0  
**IUPAC Name:** methyl 3-hydroxybutanoate  
**Molecular Formula:** C<sub>5</sub>H<sub>10</sub>O<sub>3</sub>  
**Molecular Weight:** 118.13  
**InChI Key:** LDLDJEAVRNAEBW-UHFFFAOYNA-N  
**SMILES:** COC(=O)CC(C)O  
**Synonym:** methyl 3-hydroxybutyrate

### Product Specification

**Appearance (Color):** Clear colorless  
**Form:** Liquid  
**Assay (GC):** ≥97.5%  
**Refractive Index:** 1.4195-1.4235 @ 20°C  
**Optical Rotation:** -49.0 ± 2.0° (C=1.3 in chloroform)

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**Date Of Print:** 07/01/2025

*Product Specifications are subject to amendment and may change over time. Data contained is accurate as of the date printed.*