

## (R)-3-Hydroxybutanoic acid

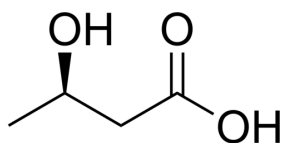
Cat. No.: HY-W051723  
 CAS No.: 625-72-9  
 Batch No.: 327632  
 Chemical Name: Butanoic acid, 3-hydroxy-, (3R)-

### PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula: C<sub>4</sub>H<sub>8</sub>O<sub>3</sub>  
 Molecular Weight: 104.10  
 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 off-white (<49°C Solid, >50°C Liquid)  
<sup>1</sup>H NMR Spectrum: Consistent with structure  
 Purity (NMR): ≥97.0%  
 Optical Rotation: -28.0° (C=1.00 g/100ml H<sub>2</sub>O)  
 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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