

## Isovaleric acid

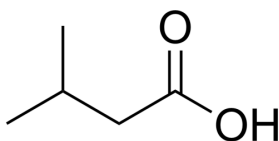
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Cat. No.: HY-W012980  
CAS No.: 503-74-2  
Batch No.: 36793  
Chemical Name: Butanoic acid,3-methyl-

### PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula: C<sub>5</sub>H<sub>10</sub>O<sub>2</sub>  
Molecular Weight: 102.13  
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)  
<sup>1</sup>H NMR Spectrum: Consistent with structure  
Purity (NMR): ≥98.0%  
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.**

Tel: 609-228-6898

Fax: 609-228-5909

E-mail: tech@MedChemExpress.com

Address: 1 Deer Park Dr, Suite Q, Monmouth Junction, NJ 08852, USA