

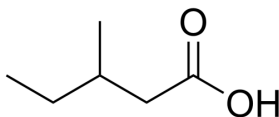
## 3-Methylvaleric Acid

Cat. No.: HY-W010513  
CAS No.: 105-43-1  
Batch No.: 115908  
Chemical Name: Pentanoic acid, 3-methyl-

### PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula: C<sub>6</sub>H<sub>12</sub>O<sub>2</sub>  
Molecular Weight: 116.16  
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)  
<sup>1</sup>H NMR Spectrum: Consistent with structure  
Purity (GC): 99.39%  
Water(KF): 0.08%  
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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