

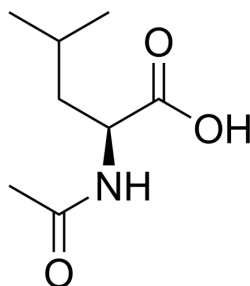
## N-Acetyl-L-leucine

Cat. No.: HY-59291  
 CAS No.: 1188-21-2  
 Batch No.: 286840  
 Chemical Name: L-Leucine, N-acetyl-

### PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula:  $C_8H_{15}NO_3$   
 Molecular Weight: 173.21  
 Storage: Powder -20°C 3 years  
 4°C 2 years  
 In solvent -80°C 2 years  
 -20°C 1 year

Chemical Structure:



### ANALYTICAL DATA

Appearance: White to off-white (Solid)  
 $^1H$  NMR Spectrum: Consistent with structure  
 Purity (NMR):  $\geq 98.0\%$   
 Water(KF): 0.90%  
 Residue on Ignition: 0.19%  
 OR[ $\alpha$ ](C=1.00 g/100ml ETOH): -20.6°  
 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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