

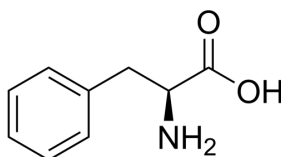
## L-Phenylalanine

Cat. No.: HY-N0215  
CAS No.: 63-91-2  
Batch No.: 263826  
Chemical Name: L-Phenylalanine

### PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula: C<sub>9</sub>H<sub>11</sub>NO<sub>2</sub>  
Molecular Weight: 165.19  
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)  
<sup>1</sup>H NMR Spectrum: Consistent with structure  
Purity (HPLC): 99.96%  
Optical Rotation: -33.3°(C=0.00673 g/100mL H<sub>2</sub>O)  
Residue on Ignition: 0.01%  
Water(KF): 0.15%  
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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