

## L-Carnosine

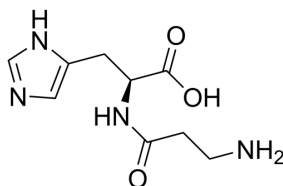
Cat. No.: HY-W013494  
CAS No.: 305-84-0  
Batch No.: 91429  
Chemical Name: L-Histidine,  $\beta$ -alanyl-

### PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula:  $C_9H_{14}N_4O_3$   
Molecular Weight: 226.23  
Storage: Sealed storage, away from moisture and light  
Powder                    -80°C        2 years  
                                 -20°C        1 years

\* In solvent : -80°C, 6 months; -20°C, 1 month (sealed storage, away from moisture and light)

### Chemical Structure:



### ANALYTICAL DATA

Appearance: White to off-white (Solid)  
<sup>1</sup>H NMR Spectrum: Consistent with structure  
LCMS: Consistent with structure  
Purity (LCMS): 99.94%  
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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