

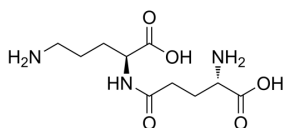
## $\gamma$ -Glutamylornithine

Cat. No.: HY-N8063  
CAS No.: 56523-61-6  
Batch No.: 254437  
Chemical Name: L-Ornithine, L- $\gamma$ -glutamyl-

### PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula:  $C_{10}H_{19}N_3O_5$   
Molecular Weight: 261.27  
Storage: -20°C, protect from light, stored under nitrogen  
\* In solvent : -80°C, 6 months; -20°C, 1 month (protect from light, stored under nitrogen)

### Chemical Structure:



### ANALYTICAL DATA

Appearance: White to off-white (Solid)  
<sup>1</sup>H NMR Spectrum: Consistent with structure  
MS: Consistent with structure  
Purity (NMR):  $\geq 98.0\%$   
Peptide Content (%): 90.7%  
Nitrogen Content(N%): 14.58%  
Carbon Content(C%): 40.34%  
Hydrogen Content(H%): 7.420%  
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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