

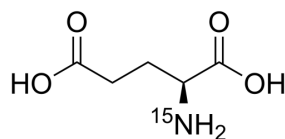
## L-Glutamic acid-<sup>15</sup>N

Cat. No.: HY-14608S2  
CAS No.: 21160-87-2  
Batch No.: 265025  
Chemical Name: L-Glutamic-<sup>15</sup>N acid

### PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula: C<sub>5</sub>H<sub>9</sub><sup>15</sup>N<sup>14</sup>O<sub>4</sub>  
Molecular Weight: 148.12  
Storage: Powder      -20°C    3 years  
                                  4°C      2 years  
                                  In solvent   -80°C    6 months  
                                  -20°C    1 month

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): ≥98.0%  
Isotopic Enrichment: 99.80%  
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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