

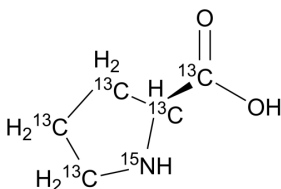
## L-Proline-<sup>13</sup>C<sub>5</sub>,<sup>15</sup>N

Cat. No.: HY-Y0252S4  
CAS No.: 202407-23-6  
Batch No.: 317983  
Chemical Name: L-Proline-carboxy,2,3,4,5-<sup>13</sup>C<sub>5</sub>-<sup>15</sup>N

### PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula: <sup>13</sup>C<sub>5</sub>H<sub>9</sub><sup>15</sup>N<sub>2</sub>  
Molecular Weight: 121.09  
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)  
Purity (HPLC): 99.60%  
Isotopic Enrichment: 100.0%  
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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