

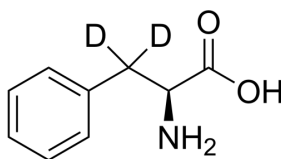
## L-Phenylalanine-d<sub>2</sub>

Cat. No.: HY-N0215S3  
CAS No.: 221346-31-2  
Batch No.: 155110  
Chemical Name: L-Phenylalanine-β,β-d<sub>2</sub>

### PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula: C<sub>9</sub>H<sub>9</sub>D<sub>2</sub>NO<sub>2</sub>  
Molecular Weight: 167.20  
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 light yellow (Solid)  
LCMS: Consistent with structure  
Purity (LCMS): 99.89%  
Isotopic Enrichment: 99.99%  
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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