

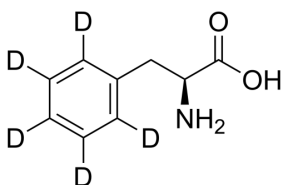
## L-Phenylalanine-d<sub>5</sub>

Cat. No.: HY-N0215S12  
CAS No.: 56253-90-8  
Batch No.: 247149  
Chemical Name: L-Phenylalanine-2,3,4,5,6-d<sub>5</sub>

### PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula: C<sub>9</sub>H<sub>6</sub>D<sub>5</sub>NO<sub>2</sub>  
Molecular Weight: 170.22  
Storage: 4°C, sealed storage, away from moisture and light  
\* 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): 99.15%  
Isotopic Enrichment: 99.50%  
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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