Certificate of Analysis

D-Phenylalanine-d₅

Cat. No.: HY-Y0079S CAS No.: 362049-55-6 Batch No.: 232949

Chemical Name: D-Phenylalanine-2,3,4,5,6-d5

PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula: $C_9H_6D_5NO_2$ Molecular Weight: 170.22

Storage: Powder -20°C 3 years

> 2 years $4^{\circ}C$

In solvent -80°C 6 months

> 1 month -20°C

Chemical Structure:

$$\begin{array}{c} D & O \\ \hline D & NH_2 \\ \end{array}$$

ANALYTICAL DATA

Appearance: White to off-white (Solid) ¹H NMR Spectrum: Consistent with structure LCMS: Consistent with structure

Purity (LCMS): 99.86% **Isotopic Enrichment:** 99.98%

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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