Certificate of Analysis

L-Tyrosine-d₄

Cat. No.: HY-N0473S CAS No.: 62595-14-6 Batch No.: 247143

Chemical Name: L-Tyrosine-2,3,5,6-d4

PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula: $C_9H_7D_4NO_3$ Molecular Weight: 185.21

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:

$$\begin{array}{c} D \\ O \\ HO \\ D \end{array} \begin{array}{c} O \\ NH_2 \end{array}$$

ANALYTICAL DATA

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

Purity (NMR): ≥98.0% **Isotopic Enrichment:** 98.40%

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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