Inhibitors

Certificate of Analysis

L-DOPA-2,5,6-d₃

Cat. No.: HY-132392S CAS No.: 53587-29-4 Batch No.: 155934

Chemical Name: L-Tyrosine-2,3,6-d3, 5-hydroxy-

PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula: C₉H₈D₃NO₄ Molecular Weight: 200.21

Storage: Powder -20°C 3 years

> 2 years 4°C

In solvent -80°C 6 months

1 month -20°C

Chemical Structure:

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

ANALYTICAL DATA

Appearance: Off-white to light yellow (Solid)

¹H NMR Spectrum: Consistent with structure

LCMS: Consistent with structure

Purity (LCMS): 99.95% **Isotopic Enrichment:** >99.0%

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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