Certificate of Analysis

Glutaric acid-d₆

Cat. No.: HY-W008820S CAS No.: 154184-99-3 Batch No.: 309950

Chemical Name: Pentanedioic-d6 acid

PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula: $C_5H_2D_6O_4$ Molecular Weight: 138.15

Storage: Powder -20°C 3 years

> 2 years 4°C

In solvent -80°C 6 months

-20°C 1 month

Chemical Structure:

ANALYTICAL DATA

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

Purity (NMR): ≥98.0% **Isotopic Enrichment:** 98.70%

Additional Information: d4=0.17%, d5=7.70%, d6=92.13%

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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