Certificate of Analysis

D-Alanine-d₃

Cat. No.: HY-41700S

CAS No.: 177614-69-6

Batch No.: 381889

Chemical Name: D-Alanine-3,3,3-d3

PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula: $C_3H_4D_3NO_2$ Molecular Weight: 92.11

Storage: Powder -20°C 3 years

4°C 2 years

In solvent -80°C 6 months

-20°C 1 month

Chemical Structure:

$$D \longrightarrow D O$$

$$D \longrightarrow MH_2$$
OH

ANALYTICAL DATA

Appearance: White to off-white (Solid)

¹ H NMR Spectrum: Consistent with structure

Purity (NMR): ≥98.0%

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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