## **Certificate of Analysis**

## N-Butyrylglycine-d<sub>2</sub>

Cat. No.: HY-113119S1
CAS No.: 1219799-10-6
Batch No.: 405112

Chemical Name: Glycine-2,2-d2, N-(1-oxobutyl)-

## PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula:  $C_6H_9D_2NO_3$ Molecular Weight: 147.17

Storage: Powder -20°C 3 years

4°C 2 years

In solvent -80°C 6 months

-20°C 1 month

**Chemical Structure:** 

$$\begin{array}{c|c} & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & \\ & & & \\ & \\ & & \\ & & \\ & & \\ & & \\ & & \\ & & \\ & & \\ & & \\ & & \\ & & \\ & & \\ & & \\ & & \\ & &$$

## **ANALYTICAL DATA**

Appearance: White to off-white (Solid)

<sup>1</sup> H NMR Spectrum: Consistent with structure

Purity (HPLC): 99.17%
Isotopic Enrichment: 98.99%

**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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