## **Certificate of Analysis**

## Ibuprofen-d<sub>3</sub> (sodium)

Cat. No.: HY-78131CS
CAS No.: 1219805-09-0
Batch No.: 257100

**Chemical Name:** Benzeneacetic acid, α-methyl-4-(2-methylpropyl)-d3, sodium salt (1:1)

## PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula:  $C_{13}H_{14}D_3NaO_2$ 

Molecular Weight: 231.28

**Storage:** 4°C, sealed storage, away from moisture

\* In solvent: -80°C, 6 months; -20°C, 1 month (sealed storage, away from moisture)

**Chemical Structure:** 

## **ANALYTICAL DATA**

Appearance: White to off-white (Solid)

Purity: ≥99.0%
Isotopic Enrichment: 99.90%

**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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