## **Certificate of Analysis**

## Nepafenac-d<sub>5</sub>

 Cat. No.:
 HY-17357S

 CAS No.:
 1246814-53-8

Batch No.: 29092

Chemical Name: 2-(2-Amino-3-(benzoyl-d5)phenyl)acetamide

## PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula:  $C_{15}H_9D_5N_2O_2$ 

Molecular Weight: 259.31

Storage: Powder -20°C 3 years

4°C 2 years

In solvent -80°C 2 years

-20°C 1 year

**Chemical Structure:** 

$$\begin{array}{c} D \\ D \\ D \\ O \\ \end{array}$$

## **ANALYTICAL DATA**

Appearance: Light yellow to yellow (Solid)

LCMS: Consistent with structure

Purity (LCMS): 98.84%
Isotopic Enrichment: 99.80%

**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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