## **Certificate of Analysis**

## Sulfadoxine-d<sub>4</sub>

Cat. No.: HY-B0439S

CAS No.: 1330266-05-1

Batch No.: 256827

Chemical Name: 4-Amino-N-(5,6-dimethoxypyrimidin-4-yl)benzene-2,3,5,6-d4-sulfonamide

## PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula:  $C_{12}H_{10}D_4N_4O_4S$ 

Molecular Weight: 314.35

Storage: Powder -20°C 3 years

4°C 2 years

In solvent -80°C 6 months

-20°C 1 month

**Chemical Structure:** 

## **ANALYTICAL DATA**

Appearance: White to light yellow (Solid)

Purity: ≥98.0%
Isotopic Enrichment: 98.70%

**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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