## **Certificate of Analysis**

## Nifedipine-d<sub>6</sub>

Cat. No.: HY-B0284S

CAS No.: 1188266-14-9

Batch No.: 246301

Chemical Name: 3,5-Pyridinedicarboxylic acid, 1,4-dihydro-2,6-dimethyl-4-(2-nitrophenyl)-, 3,5-di(methyl-d3) est

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## PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula:  $C_{17}H_{12}D_6N_2O_6$ 

Molecular Weight: 352.37

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: Light yellow to yellow (Solid)

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

LCMS: Consistent with structure

Purity (LCMS): ≥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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