**Certificate of Analysis** 



## Penicillin V-d<sub>5</sub>

Cat. No.: HY-B0975AS CAS No.: 1356837-87-0 Batch No.: 251837

## PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula:  $C_{16}H_{13}D_5N_2O_5S$ 

**Molecular Weight:** 355.42

Powder Storage: -20°C 3 years

> In solvent -80°C 6 months

> > -20°C 1 month

**Chemical Structure:** 

## **ANALYTICAL DATA**

White to off-white (Solid) Appearance: <sup>1</sup>H NMR Spectrum: Consistent with structure MS: Consistent with structure

Purity (HPLC): 99.45% **Isotopic Enrichment:** 98.4%

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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