## **Certificate of Analysis**

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

 Cat. No.:
 HY-10997S

 CAS No.:
 1553977-17-5

Batch No.: 60890

**Chemical Name:** 2-Propen-1-one, 1-[(3R)-3-[4-amino-3-[4-(phenoxy-2,3,4,5,6-d5)phenyl]-1H-pyrazolo[3,4-d]pyri

midin-1-yl]-1-piperidinyl]-

## PHYSICAL AND CHEMICAL PROPERTIES

Molecular Weight: 445.53

Storage: Powder -20°C 3 years

4°C 2 years

In solvent -80°C 2 years

-20°C 1 year

**Chemical Structure:** 

## **ANALYTICAL DATA**

Appearance: White to off-white (Solid)

LCMS: Consistent with structure

Purity (LCMS): 98.08%

**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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