Inhibitors

## **Certificate of Analysis**

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

Cat. No.: HY-17600S CAS No.: 2699608-18-7 Batch No.: 239664

**Chemical Name:** (S)-4-(8-Amino-3-(1-(but-2-ynoyl)pyrrolidin-2-yl)imidazo[1,5-a]pyrazin-1-yl)-N-(pyridin-2-yl-d4)b

enzamide

## PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula:  $C_{26}H_{19}D_4N_7O_2$ 

**Molecular Weight:** 469.53

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 light brown (Solid)

LCMS: Consistent with structure

Purity (LCMS): 99.50% **Isotopic Enrichment:** 99.90%

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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