## **Certificate of Analysis**

## PF-06305591 (dihydrate)

Cat. No.: HY-114301A
CAS No.: 2703582-76-5
Batch No.: 278672

Chemical Name: (2R,3S)-3-Amino-3-(5-(tert-butyl)-1H-benzo[d]imidazol-2-yl)-2-methylpropanamide dihydrate

## PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula:  $C_{15}H_{26}N_4O_3$  Molecular Weight: 310.39

Storage: Powder -20°C 3 years

In solvent -80°C 6 months

-20°C 1 month

**Chemical Structure:** 

$$\begin{array}{c|c} & & & \\ & & & \\ N & & NH_2 \\ N & & NH_2 \\ \end{array}$$

## **ANALYTICAL DATA**

Appearance: White to off-white (Solid)

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

LCMS: Consistent with structure

Purity (LCMS): 99.92%

**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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