# **Certificate of Analysis**

## Lorpucitinib

Cat. No.: HY-109182 CAS No.: 2230282-02-5 Batch No.: 145188

**Chemical Name:** Imidazo[4,5-d]pyrrolo[2,3-b]pyridine-2-acetamide, 1-[trans-4-(cyanomethyl)cyclohexyl]-1,6-dih

ydro-N-(2-hydroxy-2-methylpropyl)-

#### PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula:  $C_{22}H_{28}N_6O_2$ **Molecular Weight:** 408.50

4°C, protect from light Storage:

\* In solvent: -80°C, 6 months; -20°C, 1 month (protect from light)

#### **Chemical Structure:**

### **ANALYTICAL DATA**

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

Purity (LCMS): 99.97%

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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