## **Certificate of Analysis**

## Lorlatinib

Cat. No.: HY-12215 CAS No .: 1454846-35-5 Batch No.: 158457

**Chemical Name:** 2H-4,8-Methenopyrazolo[4,3-h][2,5,11]benzoxadiazacyclotetradecine-3-carbonitrile, 7-amino-1

2-fluoro-10,15,16,17-tetrahydro-2,10,16-trimethyl-15-oxo-, (10R)-

## PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula:  $\mathsf{C}_{21}\mathsf{H}_{19}\mathsf{FN}_{6}\mathsf{O}_{2}$ 

**Molecular Weight:** 406.41

Storage: Powder 3 years -20°C

> $4^{\circ}C$ 2 years

In solvent -80°C 2 years

> -20°C 1 year

**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): 99.92%

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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