Inhibitors

## **Certificate of Analysis**

## IGF-1R inhibitor-2

Cat. No.: HY-145110 CAS No.: 1116236-15-7 Batch No.: 321633

**Chemical Name:** Benzamide, 2-fluoro-6-[[2-[(1,2,3,4-tetrahydro-6-methoxy-2-methyl-7-isoquinolinyl)amino]-7H-

pyrrolo[2,3-d]pyrimidin-4-yl]amino]-

## PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula:  $\mathsf{C}_{24}\mathsf{H}_{24}\mathsf{FN}_7\mathsf{O}_2$ 

**Molecular Weight:** 461.49

Storage: Powder -20°C 3 years

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

In solvent -80°C 6 months

> -20°C 1 month

**Chemical Structure:** 

## **ANALYTICAL DATA**

Appearance: Light yellow to yellow (Solid)

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

Purity (HPLC): 98.36%

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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