

## **Certificate of Analysis**

## PROTAC CDK12/13 Degrader-1 (TFA)

**Cat. No.:** HY-151110A **Batch No.:** 273810

Chemical Name: 3-Benzyl-1-((1r,4r)-4-((5-cyanopyridin-2-yl)amino)cyclohexyl)-1-(4-(4-((2-(2,6-dioxopiperidin-3-yl

)-1,3-dioxoisoindolin-5-yl)glycyl)piperazin-1-yl)phenyl)urea (TFA)

## PHYSICAL AND CHEMICAL PROPERTIES

 $\label{eq:control_objective} \textbf{Molecular Formula:} \qquad \qquad \textbf{C}_{47}\textbf{H}_{47}\textbf{F}_{3}\textbf{N}_{10}\textbf{O}_{8}$ 

Molecular Weight: 936.93

Storage: -20°C, sealed storage, away from moisture and light

\* In solvent: -80°C, 6 months; -20°C, 1 month (sealed storage, away from moisture and

light)

**Chemical Structure:** 

## **ANALYTICAL DATA**

Appearance: Light yellow to yellow (Solid)

¹H NMR Spectrum: Consistent with structure

LCMS: Consistent with structure

Purity (LCMS): 98.37%

**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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