

**Proteins** 



## **Certificate of Analysis**

## Thalidomide-4-O-C5-NH2 (hydrochloride)

Cat. No.: HY-138848A CAS No.: 2419145-66-5 Batch No.: 293080

**Chemical Name:** 1H-Isoindole-1,3(2H)-dione, 4-[(5-aminopentyl)oxy]-2-(2,6-dioxo-3-piperidinyl)-, hydrochloride (

1:1)

## PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula:  $\mathsf{C}_{18}\mathsf{H}_{22}\mathsf{CIN}_3\mathsf{O}_5$ 

**Molecular Weight:** 395.84

Storage: 4°C, sealed storage, away from moisture

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

**Chemical Structure:** 

## ANALYTICAL DATA

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

Purity (HPLC): 96.87%

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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