## **Certificate of Analysis**

## Thalidomide-5-O-C4-NH2 (hydrochloride)

 Cat. No.:
 HY-149561

 CAS No.:
 2694727-93-8

 Batch No.:
 295559

Chemical Name: 1H-Isoindole-1,3(2H)-dione, 5-(4-aminobutoxy)-2-(2,6-dioxo-3-piperidinyl)-, hydrochloride (1:1)

## PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula: C<sub>17</sub>H<sub>20</sub>ClN<sub>3</sub>O<sub>5</sub>

Molecular Weight: 381.81

Storage: -20°C, protect from light, stored under nitrogen

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

**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): 99.98%

**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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