## **Certificate of Analysis**

## Thalidomide-O-PEG4-azide

Cat. No.: HY-140844 CAS No .: 2380318-57-8 Batch No.: 228081

**Chemical Name:** 1H-Isoindole-1,3(2H)-dione, 4-[(14-azido-3,6,9,12-tetraoxatetradec-1-yl)oxy]-2-(2,6-dioxo-3-pipe

ridinyl)-

## PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula:  $C_{23}H_{29}N_5O_9$ **Molecular Weight:** 519.50

Storage: -20°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

Colorless to light yellow (Oil) Appearance: <sup>1</sup>H NMR Spectrum: Consistent with structure LCMS: Consistent with structure

Purity (LCMS): 98.03%

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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