## **Certificate of Analysis**

## Thalidomide-O-C2-acid

Cat. No.: HY-131880

CAS No.: 2369068-42-6

Batch No.: 152360

Chemical Name: Propanoic acid, 3-[[2-(2,6-dioxo-3-piperidinyl)-2,3-dihydro-1,3-dioxo-1H-isoindol-4-yl]oxy]-

## PHYSICAL AND CHEMICAL PROPERTIES

 $\label{eq:control_of_control} \mbox{Molecular Formula:} \qquad \mbox{$C_{16}$H$}_{14}\mbox{$N_2$O}_7$   $\mbox{Molecular Weight:} \qquad \qquad \mbox{346.29}$ 

Storage: Powder -20°C 3 years

4°C 2 years

In solvent -80°C 6 months

-20°C 1 month

**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): 95.76%

**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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