Certificate of Analysis

Thalidomide-5-PEG4-NH2 (hydrochloride)

Cat. No.: HY-138785A CAS No .: 2743434-24-2 Batch No.: 248434

Chemical Name: 1H-Isoindole-1,3(2H)-dione, 5-[2-[2-[2-(2-aminoethoxy)ethoxy]ethoxy]ethoxy]-2-(2,6-dioxo-3-pi

peridinyl)-, hydrochloride (1:1)

PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula: $C_{21}H_{28}CIN_3O_8$

Molecular Weight: 485.92

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

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

Chemical Structure:

ANALYTICAL DATA

Light yellow to yellow (Oil) Appearance: ¹H NMR Spectrum: Consistent with structure Consistent with structure LCMS:

Purity (LCMS): 95.21%

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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