Certificate of Analysis

Thalidomide-Piperazine-Piperidine (hydrochloride)

Cat. No.: HY-138783A CAS No.: 2599846-44-1 Batch No.: 127737

Chemical Name: 1H-Isoindole-1,3(2H)-dione, 2-(2,6-dioxo-3-piperidinyl)-5-[4-(4-piperidinyl)-1-piperazinyl]-, hydr

ochloride (1:1)

PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula: $\mathsf{C}_{22}\mathsf{H}_{28}\mathsf{CIN}_5\mathsf{O}_4$

Molecular Weight: 461.94

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

Appearance: Light yellow to green yellow (Solid)

¹H NMR Spectrum: Consistent with structure LCMS: Consistent with structure

Purity (LCMS): 98.73%

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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