

Proteins



Certificate of Analysis

Thalidomide-PEG5-NH2 (hydrochloride)

Cat. No.: HY-138784A CAS No .: 2703775-06-6 Batch No.: 242011

Chemical Name: 1H-Isoindole-1,3(2H)-dione, 5-[(14-amino-3,6,9,12-tetraoxatetradec-1-yl)oxy]-2-(2,6-dioxo-3-pip

eridinyl)-, hydrochloride (1:1)

PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula: $\mathsf{C}_{23}\mathsf{H}_{32}\mathsf{CIN}_3\mathsf{O}_9$

Molecular Weight: 529.97

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

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

Purity (LCMS): 95.18%

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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