

Certificate of Analysis

Thalidomide-O-PEG4-amine (hydrochloride)

Cat. No.:	HY-141010A
CAS No.:	2820929-03-9
Batch No.:	159289
Chemical Name:	1H-Isoindole-1,3(2H)-dione, 4-[(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:	C ₂₃ H ₃₂ ClN ₃ O ₉
Molecular Weight:	529.97
Storage:	-20°C, protect from light, stored under nitrogen
	* In solvent : -80°C, 6 months; -20°C, 1 month (protect from light, stored under nitrogen)

Chemical Structure:

H-CI 0_0_0_NH2

ANALYTICAL DATA

Appearance:	Colorless to yellow (Oil)
¹ H NMR Spectrum:	Consistent with structure
LCMS:	Consistent with structure
Purity (LCMS):	95.24%
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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