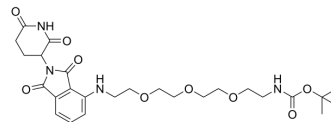


Thalidomide-NH-PEG3-NH-Boc

Cat. No.:	HY-44063		
CAS No.:	2204246-03-5		
Molecular Formula:	C ₂₆ H ₃₆ N ₄ O ₉		
Molecular Weight:	548.59		
Target:	E3 Ligase Ligand-Linker Conjugates; Apoptosis; Autophagy		
Pathway:	PROTAC; Apoptosis; Autophagy		
Storage:	Pure form	-20°C	3 years
		4°C	2 years
	In solvent	-80°C	6 months
		-20°C	1 month



BIOLOGICAL ACTIVITY

Description	Thalidomide-NH-PEG3-NH-Boc is an E3 Ligase Ligand-Linker Conjugate consisting of Thalidomide (HY-14658) and NH-PEG3-NH-Boc. Thalidomide-NH-PEG3-NH-Boc acts as a ligand for Cereblon to recruit CRBN protein. The Boc protecting group at the end of Thalidomide-NH-PEG3-NH-Boc can be removed under acidic conditions to participate in the synthesis of PROTAC molecules. Thalidomide-NH-PEG3-NH-Boc is a key intermediate in the synthesis of CRBN-based PROTAC molecules.
IC ₅₀ & Target	Cereblon

REFERENCES

[1]. Fischer ES, et al. Structure of the DDB1-CRBN E3 ubiquitin ligase in complex with thalidomide. *Nature*. 2014 Aug 7;512(7512):49-53. [Content Brief]

Caution: Product has not been fully validated for medical applications. For research use only.

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