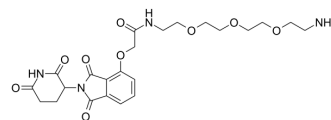


Thalidomide-O-amido-PEG3-C2-NH2

Cat. No.:	HY-107440
CAS No.:	1957236-20-2
Molecular Formula:	C ₂₃ H ₃₀ N ₄ O ₉
Molecular Weight:	506.51
Target:	E3 Ligase Ligand-Linker Conjugates
Pathway:	PROTAC
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description	Thalidomide-O-amido-PEG3-C2-NH2 (Cereblon Ligand-Linker Conjugates 3) is a synthesized E3 ligase ligand-linker conjugate that incorporates the Thalidomide based cereblon ligand and 3-unit PEG linker used in PROTAC technology.
IC ₅₀ & Target	Cereblon
In Vitro	Thalidomide-O-amido-PEG3-C2-NH2 (Cereblon Ligand-Linker Conjugates 3) is composed of Degron (E3 ubiquitin ligase) and a linker, and they are used in PROTAC technology. Thalidomide-O-amido-PEG3-C2-NH2 binds to the targeting ligand to induce the target protein (including BRD4, BRD2, and BRD3) degradation ^[1] . MCE has not independently confirmed the accuracy of these methods. They are for reference only.

REFERENCES

[1]. Methods to induce targeted protein degradation through bifunctional molecules. WO 2017007612 A1

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

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