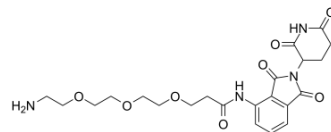


Pomalidomide-amido-PEG3-C2-NH2

Cat. No.:	HY-130521
CAS No.:	2328070-52-4
Molecular Formula:	C ₂₂ H ₂₈ N ₄ O ₈
Molecular Weight:	476.48
Target:	E3 Ligase Ligand-Linker Conjugate
Pathway:	PROTAC
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description	Pomalidomide-amido-PEG3-C2-NH2 (Cereblon Ligand-Linker Conjugates 22) is a synthesized E3 ligase ligand-linker conjugate that incorporates the Pomalidomide based cereblon ligand and 3-unit PEG linker used in PROTAC technology ^[1] .
IC₅₀ & Target	Cereblon
In Vitro	Pomalidomide-amido-PEG3-C2-NH2 (Compound 5b) can be used to synthesize BI-3663. BI-3663 (cereblon-based) degrades focal adhesion tyrosine kinase (PTK2) with a median DC ₅₀ of 30 nM to >80% across a panel of 11 human hepatocellular carcinoma (HCC) cell lines ^[1] . MCE has not independently confirmed the accuracy of these methods. They are for reference only.

REFERENCES

[1]. Popow J, et al. Highly Selective PTK2 Proteolysis Targeting Chimeras to Probe Focal Adhesion Kinase Scaffolding Functions. J Med Chem. 2019 Mar 14;62(5):2508-2520.

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

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