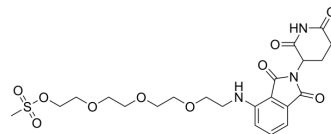


Thalidomide-NH-PEG4-MS

Cat. No.:	HY-131998
CAS No.:	2140807-24-3
Molecular Formula:	C ₂₂ H ₂₉ N ₃ O ₁₀ S
Molecular Weight:	527.54
Target:	E3 Ligase Ligand-Linker Conjugates; Apoptosis; Autophagy
Pathway:	PROTAC; Apoptosis; Autophagy
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description	Thalidomide-NH-PEG4-MS is an E3 ligase ligand-linker conjugate that incorporates Thalidomide based cereblon ligand and a linker used for PROTAC BCL-XL degrader XZ739 ^[1] .
IC₅₀ & Target	Cereblon
In Vitro	XZ739, a CRBN-dependent PROTAC BCL-XL degrader with a DC ₅₀ value of 2.5 nM in MOLT-4 cells after 16 h treatment. XZ739 also induces cell death through caspase-mediated apoptosis ^[1] . MCE has not independently confirmed the accuracy of these methods. They are for reference only.

REFERENCES

[1]. Xuan Zhang, et al. Discovery of PROTAC BCL-X L Degraders as Potent Anticancer Agents With Low On-Target Platelet Toxicity. Eur J Med Chem. 2020 Apr 15;192:112186.

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

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