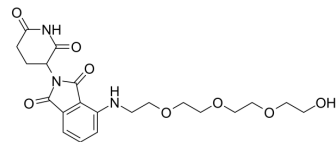


## Thalidomide-NH-C2-PEG3-OH

Cat. No.:	HY-131308
CAS No.:	2140807-23-2
Molecular Formula:	C <sub>21</sub> H <sub>27</sub> N <sub>3</sub> O <sub>8</sub>
Molecular Weight:	449.45
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-NH-C2-PEG3-OH is an E3 ligase ligand-linker conjugate that incorporates Thalidomide based cereblon ligand and a linker used for PROTAC BCL-XL degrader XZ739 <sup>[1]</sup> .
IC <sub>50</sub> & Target	Cereblon
In Vitro	XZ739, a CRBN-dependent PROTAC BCL-XL degrader with a DC <sub>50</sub> value of 2.5 nM in MOLT-4 cells after 16 h treatment. XZ739 also induces cell death through caspase-mediated apoptosis <sup>[1]</sup> . 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.**

Tel: 609-228-6898

Fax: 609-228-5909

E-mail: tech@MedChemExpress.com

Address: 1 Deer Park Dr, Suite Q, Monmouth Junction, NJ 08852, USA