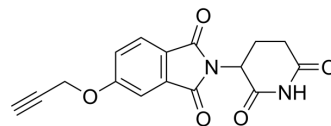


## Thalidomide-5-propargyl

Cat. No.:	HY-W457950
CAS No.:	2226303-74-6
Molecular Formula:	C <sub>16</sub> H <sub>12</sub> N <sub>2</sub> O <sub>5</sub>
Molecular Weight:	312.28
Target:	Ligands for E3 Ligase
Pathway:	PROTAC
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



### BIOLOGICAL ACTIVITY

Description	Thalidomide-5-propargyl is a propargyl-modified Thalidomide (HY-14658), that acts as a Cereblon ligand to recruit CRBN proteins. Thalidomide-5-propargyl use alkynyl group at the end to be directly used in the synthesis of triazoles in the synthesis of PROTAC molecules, and is a key intermediate in the synthesis of PROTAC molecules based on CRBN design <sup>[1]</sup> .
IC <sub>50</sub> & Target	Cereblon <sup>[1]</sup>

### REFERENCES

[1]. Crew, et al. Preparation of tau-protein targeting bifunctional compounds (PROTACS) as E3 ubiquitin ligase binding useful in treatment and prevention of diseases. United States, US20180125821 A1. 2018-05-10.

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

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