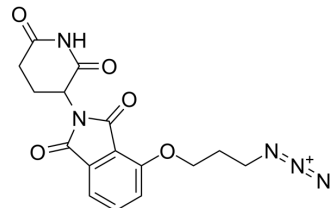


Thalidomide-O-C3-azide

Cat. No.:	HY-157510
CAS No.:	2758432-00-5
Molecular Formula:	C ₁₆ H ₁₅ N ₅ O ₅
Molecular Weight:	357.32
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-C3-azide is a click chemistry modification of the cereblon (CRBN) inhibitor Thalidomide (HY-14658). Thalidomide-O-C3-azide contains an azide group and can undergo copper-catalyzed azide-alkyne cycloaddition reaction (CuAAC) with molecules containing alkyne groups. Thalidomide-O-C3-azide can be used as a ligand of E3 ubiquitin ligase and Linker conjugates (E3 Ligase Ligand-Linker Conjugates) for the synthesis of PROTACs^[1].

REFERENCES

[1]. Fischer ES, et al. Structure of the DDB1-CRBN E3 ubiquitin ligase in complex with thalidomide. *Nature*. 2014 Aug 7;512(7512):49-53.

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