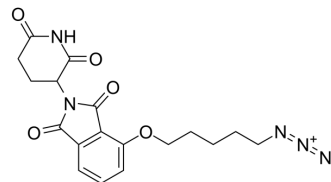


Thalidomide-O-C5-azide

Cat. No.:	HY-157511
CAS No.:	2411098-96-7
Molecular Formula:	C ₁₈ H ₁₉ N ₅ O ₅
Molecular Weight:	385.37
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-C5-azide is a click chemistry modification of the cereblon (CRBN) inhibitor Thalidomide (HY-14658). Thalidomide-O-C5-azide contains an azide group and can undergo copper-catalyzed azide-alkyne cycloaddition reaction (CuAAC) with molecules containing alkyne groups. Thalidomide-O-C5-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.

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