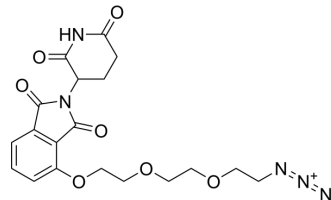


## Thalidomide 4'-ether-PEG2-azide

Cat. No.:	HY-157515
CAS No.:	2758431-90-0
Molecular Formula:	C <sub>19</sub> H <sub>21</sub> N <sub>5</sub> O <sub>7</sub>
Molecular Weight:	431.4
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 4'-ether-PEG2-azide is a click chemistry modified cereblon (CRBN) inhibitor Thalidomide (HY-14658). Thalidomide 4'-ether-PEG2-azide contains an azide group and can undergo copper-catalyzed azide-alkyne cycloaddition reaction (CuAAC) with molecules containing alkynyl groups. Thalidomide 4'-ether-PEG2-azide can be used as a ligand of E3 ubiquitin ligase and Linker conjugates (E3 Ligase Ligand-Linker Conjugates) for the synthesis of PROTACs<sup>[1]</sup>.

### 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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