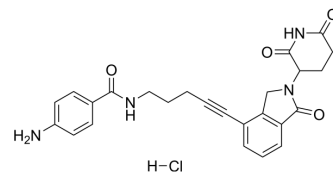


## Lenalidomide-propargyl-C2-amido-Ph-NH<sub>2</sub> hydrochloride

<b>Cat. No.:</b>	HY-130682
<b>CAS No.:</b>	2748150-20-9
<b>Molecular Formula:</b>	C <sub>25</sub> H <sub>25</sub> ClN <sub>4</sub> O <sub>4</sub>
<b>Molecular Weight:</b>	480.94
<b>Target:</b>	E3 Ligase Ligand-Linker Conjugates
<b>Pathway:</b>	PROTAC
<b>Storage:</b>	4°C, sealed storage, away from moisture * In solvent : -80°C, 6 months; -20°C, 1 month (sealed storage, away from moisture)



### BIOLOGICAL ACTIVITY

<b>Description</b>	Lenalidomide-propargyl-C2-amido-Ph-NH <sub>2</sub> hydrochloride incorporates a cereblon (CRBN) ligand for the E3 ubiquitin ligase and a linker. Lenalidomide-propargyl-C2-amido-Ph-NH <sub>2</sub> hydrochloride can be used to design the PROTAC MD-224 (HY-114312) <sup>[1]</sup> . Lenalidomide-propargyl-C2-amido-Ph-NH <sub>2</sub> (hydrochloride) is a click chemistry reagent, it contains an Alkyne group and can undergo copper-catalyzed azide-alkyne cycloaddition (CuAAC) with molecules containing Azide groups.
<b>IC<sub>50</sub> &amp; Target</b>	Cereblon

### REFERENCES

[1]. Li Y, et al. Discovery of MD-224 as a First-in-Class, Highly Potent, and Efficacious Proteolysis Targeting Chimera Murine Double Minute 2 Degradable Capable of Achieving Complete and Durable Tumor Regression. J Med Chem. 2019 Jan 24;62(2):448-466.

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

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