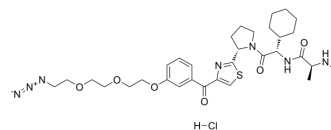


LCL-PEG3-N3 hydrochloride

Cat. No.:	HY-139999A
Molecular Formula:	C ₃₂ H ₄₆ ClN ₇ O ₆ S
Molecular Weight:	692.27
Target:	Ligands for E3 Ligase
Pathway:	PROTAC
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description	LCL-PEG3-N3 (hydrochloride) is a decoy oligonucleotide ligand for E3 ligase which can be used for developing chimeric molecules LCL-ER(dec), degrading the estrogen receptor ^[1] . LCL-PEG3-N3 (hydrochloride) is a click chemistry reagent, it contains an Azide group and can undergo copper-catalyzed azide-alkyne cycloaddition reaction (CuAAC) with molecules containing Alkyne groups. Strain-promoted alkyne-azide cycloaddition (SPAAC) can also occur with molecules containing DBCO or BCN groups.
IC ₅₀ & Target	IAP

REFERENCES

[1]. Miyako Naganuma, et al. Development of Chimeric Molecules That Degrade the Estrogen Receptor Using Decoy Oligonucleotide Ligands. ACS Med Chem Lett. 2022;13(1):134-139.

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

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