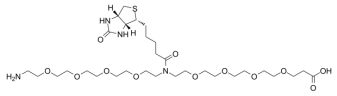
N-(Amino-PEG4)-N-Biotin-PEG4-acid

Cat. No.:	HY-140532
CAS No.:	2100306-84-9
Molecular Formula:	$C_{31}H_{58}N_4O_{12}S$
Molecular Weight:	710.88
Target:	PROTAC Linkers
Pathway:	PROTAC
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description	N-(Amino-PEG4)-N-Biotin-PEG4-acid is a biotin-labeled, PEG-based PROTAC linker that can be used in the synthesis of PROTACs[1].
IC_{50} & Target	PEGs
In Vitro	PROTACs contain two different ligands connected by a linker; one is a ligand for an E3 ubiquitin ligase and the other is for the target protein. PROTACs exploit the intracellular ubiquitin-proteasome system to selectively degrade target proteins[1]. MCE has not independently confirmed the accuracy of these methods. They are for reference only.

REFERENCES

[1]. Gadd MS, et al. Structural basis of PROTAC cooperative recognition for selective protein degradation. Nat Chem Biol. 2017 May;13(5):514-521.

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

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