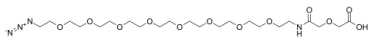
Data Sheet

Product Name:	2-((Azido-PEG8-carbamoyl)methoxy)acetic acid
Cat. No.:	CS-0115458
CAS No.:	846549-37-9
Molecular Formula:	$C_{22}H_{42}N_4O_{12}$
Molecular Weight:	554.59
Target:	PROTAC Linkers
Pathway:	PROTAC
Solubility:	DMSO : 100 mg/mL (180.31 mM; Need ultrasonic)



BIOLOGICAL ACTIVITY:

2-((Azido-PEG8-carbamoyl)methoxy)acetic acid is a PEG-based PROTAC linker that can be used in the synthesis of PROTACs[1]. **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].

References:

[1]. An S, et al. Small-molecule PROTACs: An emerging and promising approach for the development of targeted therapy drugs. EBioMedicine. 2018 Oct;36:553-562

CAIndexNames:

Acetic acid, 2-[(29-azido-2-oxo-6,9,12,15,18,21,24,27-octaoxa-3-azanonacos-1-yl)oxy]-

SMILES:

O=C(O)COCC(NCCOCCOCCOCCOCCOCCOCCOCCOCCN=[N+]=[N-])=O

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