Data Sheet (Cat.No.T16176)



N-(Azido-PEG2)-N-bis(PEG4-Boc)

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CAS No. :	2112731-81-2	
Formula:	C36H70N4O14	$\label{eq:states} \begin{tabular}{lllllllllllllllllllllllllllllllllll$
Molecular Weight:	782.96	
Appearance:	no data available) area
Storage:	Powder: -20°C for 3 years In solvent: -80°C for 1 year	

Biological Description

Description	N-(Azido-PEG2)-N-bis(PEG4-Boc) is a polyethylene glycol (PEG)-based PROTAC linker, employed for the efficient synthesis of PROteolysis TArgeting Chimeras (PROTACs)[1].
Targets(IC50)	Others
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].

Preparing Stock Solutions

	1mg	5mg	10mg	
1 mM	1.2772 mL	6.386 mL	12.772 mL	
5 mM	0.2554 mL	1.2772 mL	2.5544 mL	
10 mM	0.1277 mL	0.6386 mL	1.2772 mL	
50 mM	0.0255 mL	0.1277 mL	0.2554 mL	

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. Please use it as soon as possible.

Reference

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

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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