Data Sheet (Cat.No.T17422)



Amino-PEG24-Boc

Chemical Properties				
CAS No. :	2170987-96-7			
Formula:	C55H111NO26			
Molecular Weight:	1202.46		Xyunnun munumun munumun m	
Appearance:	no data available			
Storage:	Powder: -20°C for 3 years In solvent: -80°C for 1 year			

Biological DescriptionAmino-PEG24-Boc is a PEG-based linker for PROTACs which joins two essential ligands,
crucial for forming PROTAC molecules. This linker enables selective protein degradation
by leveraging the ubiquitin-proteasome system within cells.Targets(IC50)OthersIn vitroPROTACs 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	0.8316 mL	4.1581 mL	8.3163 mL
5 mM	0.1663 mL	0.8316 mL	1.6633 mL
10 mM	0.0832 mL	0.4158 mL	0.8316 mL
50 mM	0.0166 mL	0.0832 mL	0.1663 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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