Data Sheet (Cat.No.T16048)



Methylamino-PEG1-Boc

Chemical Propert	ies
CAS No. :	1807521-03-4
Formula:	С10Н21NO3 ньс
Molecular Weight:	203.28
Appearance:	no data available
Storage:	Powder: -20°C for 3 years In solvent: -80°C for 1 year

Biological Description

Description	Methylamino-PEG1-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)	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	4.9193 mL	24.5966 mL	49.1932 mL
5 mM	0.9839 mL	4.9193 mL	9.8386 mL
10 mM	0.4919 mL	2.4597 mL	4.9193 mL
50 mM	0.0984 mL	0.4919 mL	0.9839 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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