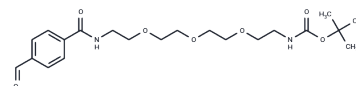


Ald-Ph-amido-C2-PEG3-NH-Boc

Chemical Properties

CAS No. : 1807540-87-9
Formula: C₂₁H₃₂N₂O₇
Molecular Weight: 424.49
Appearance: no data available
Storage: Powder: -20°C for 3 years | In solvent: -80°C for 1 year



Biological Description

Description	Ald-Ph-amido-C2-PEG3-NH-Boc is a polyethylene glycol (PEG)-based bifunctional linker utilized for the 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	2.3558 mL	11.7788 mL	23.5577 mL
5 mM	0.4712 mL	2.3558 mL	4.7115 mL
10 mM	0.2356 mL	1.1779 mL	2.3558 mL
50 mM	0.0471 mL	0.2356 mL	0.4712 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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