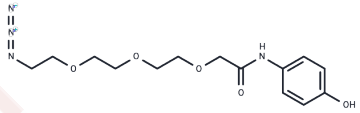
Data Sheet (Cat.No.T18615)

TargetMol

Phenol-amido-C1-PEG3-N3

Chemical Properties



CAS No. : 1096439-18-7

Formula: C14H20N4O5

Molecular Weight: 324.33

Storage: Keep away from direct sunlight
Powder: -20°C for 3 years | In solvent: -80°C for 1 year
Actual storage temperature shall be subject to the COA.

Biological Description

Description	Phenol-amido-C1-PEG3-N3, also known as PROTAC Linker 21, is a PEG-based linker utilized for synthesizing PROTACs.
Targets(IC50)	Others,PROTAC Linker
In vitro	PROTACs comprise two distinct ligands joined by a linker: one ligand targets an E3 ubiquitin ligase, while the other targets the protein of interest. They leverage the intracellular ubiquitin-proteasome system to selectively degrade these target proteins [1].

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.0833 mL	15.4164 mL	30.8328 mL
5 mM	0.6167 mL	3.0833 mL	6.1666 mL
10 mM	0.3083 mL	1.5416 mL	3.0833 mL
50 mM	0.0617 mL	0.3083 mL	0.6167 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.

Note: The dilution table applies only to solid products. For liquid products, please calculate the stock solution based on the stated concentration and/or density.

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.

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