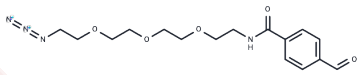
Data Sheet (Cat.No.T17368)

TargetMol

Ald-Ph-amido-C2-PEG3-azide

Chemical Properties



CAS No. : 1807540-88-0

Formula: C16H22N4O5

Molecular Weight: 350.37

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	Ald-Ph-amido-C2-PEG3-azide, a PEG-based linker for PROTACs, joins two essential ligands necessary for forming PROTAC molecules and facilitates selective protein degradation via the ubiquitin-proteasome system within cells.
Targets(IC50)	Others,PROTAC Linker
In vitro	PROTACs consist of two distinct ligands connected by a linker: one targeting an E3 ubiquitin ligase and the other binding to the target protein. They utilize the ubiquitin-proteasome system within cells to selectively degrade target proteins[1].

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.8541 mL	14.2706 mL	28.5413 mL
5 mM	0.5708 mL	2.8541 mL	5.7083 mL
10 mM	0.2854 mL	1.4271 mL	2.8541 mL
50 mM	0.0571 mL	0.2854 mL	0.5708 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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