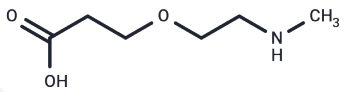
Data Sheet (Cat.No.T16047)

TargetMol

Methylamino-PEG1-acid

Chemical Properties



CAS No. : 1367918-21-5

Formula: C6H13NO3

Molecular Weight: 147.17

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	Methylamino-PEG1-acid is a PEG-based linker for PROTACs, facilitating the connection of two essential ligands crucial for PROTAC molecule formation and enabling selective protein degradation via the ubiquitin-proteasome system within cells.
Targets(IC50)	Others,PROTAC Linker
In vitro	PROTACs contain two ligands connected by a linker: one binds to an E3 ubiquitin ligase and the other to the target protein. They utilize the intracellular ubiquitin-proteasome system to selectively degrade target proteins[1].

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	6.7949 mL	33.9743 mL	67.9486 mL
5 mM	1.359 mL	6.7949 mL	13.5897 mL
10 mM	0.6795 mL	3.3974 mL	6.7949 mL
50 mM	0.1359 mL	0.6795 mL	1.359 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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