

## Methylamino-PEG2-acid

## Chemical Properties

CAS No. : 1807503-87-2

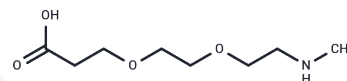
Formula: C<sub>8</sub>H<sub>17</sub>NO<sub>4</sub>

Molecular Weight: 191.22

Keep away from direct sunlight

Storage: 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-PEG2-acid is a PEG-based linker for PROTACs, joining two essential ligands and enabling selective protein degradation by leveraging the ubiquitin-proteasome system within cells.
Targets(IC50)	Others,PROTAC Linker
In vitro	PROTACs comprise two distinct ligands joined by a linker, with one ligand targeting an E3 ubiquitin ligase and the other the target protein. They leverage the intracellular ubiquitin-proteasome system to selectively degrade target proteins [1].

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	5.2296 mL	26.1479 mL	52.2958 mL
5 mM	1.0459 mL	5.2296 mL	10.4592 mL
10 mM	0.523 mL	2.6148 mL	5.2296 mL
50 mM	0.1046 mL	0.523 mL	1.0459 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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