

## Amino-PEG10-acid

## Chemical Properties

CAS No. : 2170987-85-4

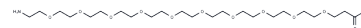
Formula: C<sub>23</sub>H<sub>47</sub>N<sub>12</sub>O<sub>12</sub>

Molecular Weight: 529.62

Keep away from direct sunlight

Storage: Pure form: -20°C for 3 years | In solvent: -80°C for 1 year

Actual storage temperature shall be subject to the COA.



## Biological Description

Description	Amino-PEG10-acid is a PEG-based PROTAC linker utilized in PROTAC synthesis.
Targets(IC50)	PROTAC Linker
In vitro	PROTACs comprise two distinct ligands linked together, one binding to an E3 ubiquitin ligase and the other to the target protein. They leverage the intracellular ubiquitin-proteasome system to selectively degrade target proteins[1].

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.8881 mL	9.4407 mL	18.8815 mL
5 mM	0.3776 mL	1.8881 mL	3.7763 mL
10 mM	0.1888 mL	0.9441 mL	1.8881 mL
50 mM	0.0378 mL	0.1888 mL	0.3776 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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Tel:781-999-4286 E\_mail:info@targetmol.com Address:34 Washington Street,Wellesley Hills,MA 02481