

Amine-PEG-CH<sub>2</sub>COOH (MW 2000)

## Chemical Properties

CAS No. :

Formula:

Molecular Weight: 2000

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	Amine-PEG-CH <sub>2</sub> COOH (MW 5000) is a PEG-based PROTAC linker that can be used in PROTAC synthesis.
Targets(IC50)	PROTAC Linker
In vitro	PROTACs consist of two ligands joined by a linker: one ligand targets an E3 ubiquitin ligase, and the other targets the desired protein. By harnessing the intracellular ubiquitin-proteasome system, PROTACs selectively degrade target proteins[1].

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.500 mL	2.500 mL	5.000 mL
5 mM	0.100 mL	0.500 mL	1.000 mL
10 mM	0.050 mL	0.250 mL	0.500 mL
50 mM	0.010 mL	0.050 mL	0.100 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

**Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins**

This product is for Research Use Only · Not for Human or Veterinary or Therapeutic Use

Tel:781-999-4286 E\_mail:info@targetmol.com Address:34 Washington Street,Wellesley Hills,MA 02481