

Boc-NH-PEG10-CH<sub>2</sub>CH<sub>2</sub>COOH

## Chemical Properties

CAS No. : 2410598-01-3

Formula: C<sub>28</sub>H<sub>55</sub>N<sub>1</sub>O<sub>14</sub>

Molecular Weight: 629.73



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	Boc-NH-PEG10-CH <sub>2</sub> CH <sub>2</sub> COOH is a polyethylene glycol (PEG)-based PROTAC linker used in PROTAC synthesis [1].
Targets(IC50)	Others,PROTAC Linker
In vitro	PROTACs consist of two ligands linked by a connector: one ligand targets an E3 ubiquitin ligase, while the other is directed at the target protein. They leverage the intracellular ubiquitin-proteasome system to selectively degrade target proteins[1].

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.588 mL	7.9399 mL	15.8798 mL
5 mM	0.3176 mL	1.588 mL	3.176 mL
10 mM	0.1588 mL	0.794 mL	1.588 mL
50 mM	0.0318 mL	0.1588 mL	0.3176 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