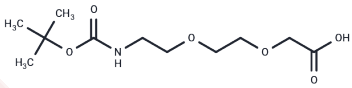
Data Sheet (Cat.No.T14738)

TargetMol

Boc-NH-PEG2-CH2COOH

Chemical Properties



CAS No. : 108466-89-3

Formula: C11H21NO6

Molecular Weight: 263.29

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	Boc-NH-PEG2-CH2COOH is a PEG-based linker for PROTACs that joins two essential ligands, crucial for forming PROTAC molecules. This linker enables 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: one targets an E3 ubiquitin ligase, and the other binds the target protein. They leverage the intracellular ubiquitin-proteasome system to selectively degrade target proteins.

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.7981 mL	18.9905 mL	37.9809 mL
5 mM	0.7596 mL	3.7981 mL	7.5962 mL
10 mM	0.3798 mL	1.899 mL	3.7981 mL
50 mM	0.076 mL	0.3798 mL	0.7596 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

Zhou F, et al. Development of selective mono or dual PROTAC degrader probe of CDK isoforms. Eur J Med Chem. 2020 Feb 1;187:111952.

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