

H2N-PEG2-CH2COOH

Chemical Properties

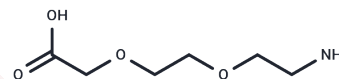
CAS No. : 134978-97-5

Formula: C6H13NO4

Molecular Weight: 163.17

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	H2N-PEG2-CH2COOH is a PROTAC linker belonging to the PEG class, used for the synthesis of PROTAC molecules.
Targets(IC50)	PROTAC Linker
In vitro	PROTACs comprise two distinct ligands linked together: one targets an E3 ubiquitin ligase, and the other targets the desired protein. They utilize the intracellular ubiquitin-proteasome system to selectively degrade target proteins[1].

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	6.1286 mL	30.6429 mL	61.2858 mL
5 mM	1.2257 mL	6.1286 mL	12.2572 mL
10 mM	0.6129 mL	3.0643 mL	6.1286 mL
50 mM	0.1226 mL	0.6129 mL	1.2257 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

Thomas Pillow, et al. Protac antibody conjugates and methods of use. WO2017201449A1.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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