

Amine-PEG-CH₂COOH (MW 5000)

Chemical Properties

CAS No. :

Formula:

Molecular Weight: 5000

Appearance: no data available

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

Biological Description

Description	Amine-PEG-CH ₂ COOH (MW 2000) is a polyethylene glycol (PEG) derivative employed as a linker in the synthesis of proteolysis targeting chimeras (PROTACs)[1].
Targets(IC50)	Others
In vitro	PROTACs contain two different ligands connected by a linker; one is a ligand for an E3 ubiquitin ligase and the other is for the target protein. PROTACs exploit the intracellular ubiquitin-proteasome system to selectively degrade target proteins[1].

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.200 mL	1.000 mL	2.000 mL
5 mM	0.040 mL	0.200 mL	0.400 mL
10 mM	0.020 mL	0.100 mL	0.200 mL
50 mM	0.004 mL	0.020 mL	0.040 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.

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

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