Data Sheet (Cat.No.T17404)

TargetMol

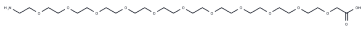
Amino-PEG11-CH2COOH

Chemical Properties

CAS No. :

Formula: C24H49NO13

Molecular Weight: 559.64



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	Amino-PEG11-CH2COOH, a PEG-based linker for PROTACs, connects two essential ligands and facilitates selective protein degradation via the ubiquitin-proteasome system within cells.
Targets(IC50)	Others,PROTAC Linker
In vitro	PROTACs consist of two distinct ligands joined by a linker; one targets an E3 ubiquitin ligase, and the other targets the specific protein. They leverage the intracellular ubiquitin-proteasome system to selectively degrade target proteins[1].

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.7869 mL	8.9343 mL	17.8686 mL
5 mM	0.3574 mL	1.7869 mL	3.5737 mL
10 mM	0.1787 mL	0.8934 mL	1.7869 mL
50 mM	0.0357 mL	0.1787 mL	0.3574 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

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