Data Sheet (Cat.No.T16248)

TargetMol

N-(Propargyl-PEG4-carbonyl)-N-bis(PEG1-methyl ester)

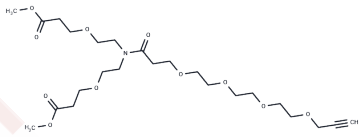
Chemical Properties

CAS No. : 2112732-01-9

Formula: C24H41NO11

Molecular Weight: 519.58

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	N-(Propargyl-PEG4-carbonyl)-N-bis(PEG1-methyl ester) is a polyethylene glycol (PEG)-based linker used in the synthesis of proteolysis-targeting chimeras (PROTACs)[1].
Targets(IC50)	Others,PROTAC Linker
In vitro	PROTACs consist of two ligands linked together: one ligand binds an E3 ubiquitin ligase, and the other targets a specific protein. These compounds harness the intracellular ubiquitin-proteasome system to selectively degrade target proteins[1].

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.9246 mL	9.6232 mL	19.2463 mL
5 mM	0.3849 mL	1.9246 mL	3.8493 mL
10 mM	0.1925 mL	0.9623 mL	1.9246 mL
50 mM	0.0385 mL	0.1925 mL	0.3849 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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