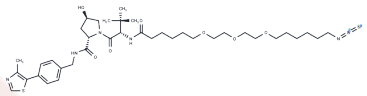
Data Sheet (Cat.No.T89787)

TargetMol

(S,R,S)-AHPC-C6-PEG3-butyl-N3

Chemical Properties



CAS No. : 2300155-90-0

Formula: C38H59N7O7S

Molecular Weight: 757.98

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	(S,R,S)-AHPC-C6-PEG3-butyl-N3 is a multifunctional chemical probe featuring an azide group for use in click chemistry. As a building block and template for synthetic targeted protein degradation models, this compound serves as a linker in the E3 enzyme ligand conjugates pivotal for PROTAC research involving the creation of reactive protein degraders, specifically VH032 conjugates. It engages in copper-catalyzed azide-alkyne cycloaddition reactions (CuAAC) with molecules containing alkyne groups and can also participate in strain-promoted alkyne-azide cycloaddition (SPAAC) with molecules containing DBCO or BCN groups.
Targets(IC50)	ADC Linker

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.3193 mL	6.5965 mL	13.193 mL
5 mM	0.2639 mL	1.3193 mL	2.6386 mL
10 mM	0.1319 mL	0.6596 mL	1.3193 mL
50 mM	0.0264 mL	0.1319 mL	0.2639 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.

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