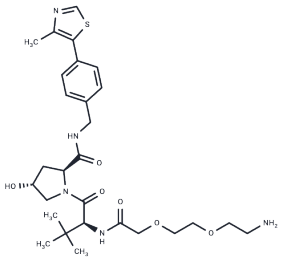
Data Sheet (Cat.No.T17925)

TargetMol

(S,R,S)-AHPC-PEG2-NH2

Chemical Properties



CAS No. : 2010159-60-9

Formula: C28H41N5O6S

Molecular Weight: 575.72

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	(S,R,S)-AHPC-PEG2-NH2 (VHL Ligand-Linker Conjugates 3) is a synthesized E3 ligase ligand-linker conjugate, incorporating the (S,R,S)-AHPC based VHL ligand and a 2-unit PEG linker used in PROTAC synthesis.
Targets(IC50)	E3 Ligase Ligand-Linker Conjugates,PROTAC Linker
In vitro	PROTACs consist of two distinct ligands joined by a linker: one ligand targets an E3 ubiquitin ligase, while the other targets the desired protein. They leverage the intracellular ubiquitin-proteasome system to selectively degrade specific proteins[1].

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.737 mL	8.6848 mL	17.3696 mL
5 mM	0.3474 mL	1.737 mL	3.4739 mL
10 mM	0.1737 mL	0.8685 mL	1.737 mL
50 mM	0.0347 mL	0.1737 mL	0.3474 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

Chan KH, et al. Impact of Target Warhead and Linkage Vector on Inducing Protein Degradation: Comparison of Bromodomain and Extra-Terminal (BET) Degraders Derived from Triazolodiazepine (JQ1) and Tetrahydroquinoline (I-BET726) BET Inhibitor Scaffolds. J Med Chem. 2018 Jan 25;61(2):504-513.

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