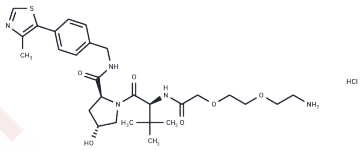
Data Sheet (Cat.No.T17924)

TargetMol

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

Chemical Properties



CAS No. : 2097973-72-1

Formula: C28H42ClN5O6S

Molecular Weight: 612.18

Storage: Keep away from direct sunlight
Pure form: -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 hydrochloride (E3 ligase Ligand-Linker Conjugates 6) is a synthesized E3 ligase ligand-linker conjugate that includes the (S,R,S)-AHPC based VHL ligand and a 2-unit PEG linker used in the synthesis of PROTAC.
Targets(IC50)	E3 Ligase Ligand-Linker Conjugates,PROTAC Linker
In vitro	PROTACs consist of two ligands joined by a linker: one targets an E3 ubiquitin ligase, and the other targets the desired protein. They harness the intracellular ubiquitin-proteasome system to selectively degrade these target proteins[1].

Solubility Information

Solubility	DMSO: 100 mg/mL (163.35 mM),Sonication is recommended. H2O: 100 mg/mL (163.35 mM),Sonication is recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble)

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.6335 mL	8.1675 mL	16.3351 mL
5 mM	0.3267 mL	1.6335 mL	3.267 mL
10 mM	0.1634 mL	0.8168 mL	1.6335 mL
50 mM	0.0327 mL	0.1634 mL	0.3267 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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