Data Sheet (Cat.No.T17925)

TargetMol®
YOUR TARGET MOLECULES

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

Chemical Properties

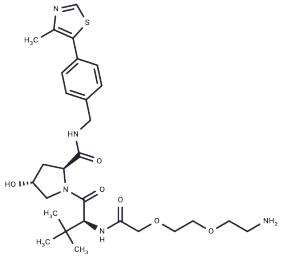
CAS No. : 2010159-60-9

Formula: C28H41N5O6S

Molecular Weight: 575.72

Appearance: no data available

Storage: Powder: -20°C for 3 years | In solvent: -80°C for 1 year



Biological Description

Description	(S,R,S)-AHPC-PEG2-NH2 (VHL Ligand-Linker Conjugates 3) is a synthesized E3 ligase ligand-linker conjugate. (S,R,S)-AHPC-PEG2-NH2 incorporates the (S,R,S)-AHPC based VHL ligand and 2-unit PEG linker used in the synthesis of PROTACs.
Targets(IC50)	Others,E3 Ligase Ligand-Linker Conjugate
In vitro	PROTACs contain two different ligands connected by a linker; one of them is a ligand for an E3 ubiquitin ligase and the other one is for the target protein. PROTACs exploit the intracellular ubiquitin-proteasome system to selectively degrade target 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.

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

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