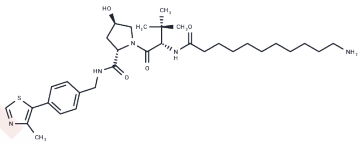
Data Sheet (Cat.No.T17881)

TargetMol

(S,R,S)-AHPC-C10-NH2

Chemical Properties



CAS No. : 2341796-74-3

Formula: C33H51N5O4S

Molecular Weight: 613.85

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-C10-NH2 (VH032-C10-NH2) is a synthesized E3 ligase ligand-linker conjugate, comprising an (S,R,S)-AHPC-based VHL ligand and a linker, designed for BET-targeted PROTAC applications.
Targets(IC50)	E3 Ligase Ligand-Linker Conjugates,Ligands for E3 Ligase,PROTAC Linker
In vitro	PROTACs comprise two distinct ligands joined by a linker: one ligand binds to an E3 ubiquitin ligase, and the other targets the specific protein. Utilizing the intracellular ubiquitin-proteasome system, PROTACs facilitate the selective degradation of target proteins [2].

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.6291 mL	8.1453 mL	16.2906 mL
5 mM	0.3258 mL	1.6291 mL	3.2581 mL
10 mM	0.1629 mL	0.8145 mL	1.6291 mL
50 mM	0.0326 mL	0.1629 mL	0.3258 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

Pillow TH, et al. Antibody Conjugation of a Chimeric BET Degrader Enables in vivo Activity. ChemMedChem. 2019 Oct 31.
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.

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