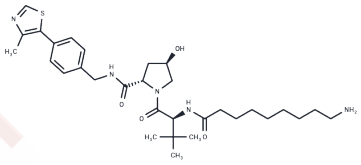
Data Sheet (Cat.No.T39873)

TargetMol

(S,R,S)-AHPC-C8-NH2

Chemical Properties



CAS No. : 2341796-79-8

Formula: C31H47N5O4S

Molecular Weight: 585.81

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-C8-NH2 (VH032-C8-NH2) is an E3 ligase ligand-linker conjugate. This compound comprises the VH032-based VHL ligand and a linker, specifically designed for AKT PROTAC degrader applications.
Targets(IC50)	Others,E3 Ligase Ligand-Linker Conjugates
In vitro	PROTACs, or proteolysis-targeting chimeras, are composed of two distinct ligands joined by a linker. One of these ligands binds to a specific protein target, while the other binds to an E3 ubiquitin ligase. When the PROTAC binds to both the target protein and the E3 ligase, it triggers the ubiquitin-proteasome system within cells to degrade the target protein, thereby providing a mechanism for targeted protein degradation.

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.707 mL	8.5352 mL	17.0704 mL
5 mM	0.3414 mL	1.707 mL	3.4141 mL
10 mM	0.1707 mL	0.8535 mL	1.707 mL
50 mM	0.0341 mL	0.1707 mL	0.3414 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

Jian Jin, et al. Serine threonine kinase (akt) degradation / disruption compounds and methods of use. Patent WO2019173516A1.

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