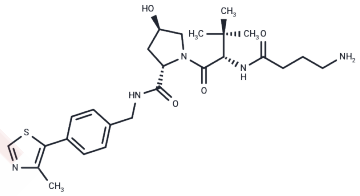
Data Sheet (Cat.No.T18664)

TargetMol

(S,R,S)-AHPC-C3-NH2

Chemical Properties



CAS No. : 2361119-88-0

Formula: C26H37N5O4S

Molecular Weight: 515.67

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-C3-NH2 (VH032-C3-NH2) is a synthesized conjugate comprising an E3 ligase ligand-linker and a VH032-based VHL ligand, commonly used in PROTAC technology. This compound is essential in synthesizing various PROTACs, such as UNC6852, a bivalent chemical degrader that specifically targets EED [1].
Targets(IC50)	Others,E3 Ligase Ligand-Linker Conjugates
In vitro	PROTACs comprise two distinct ligands joined by a linker: one targets an E3 ubiquitin ligase and the other binds to the target protein. They leverage the intracellular ubiquitin-proteasome system to selectively degrade target proteins. [PROTACs]

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.9392 mL	9.6961 mL	19.3922 mL
5 mM	0.3878 mL	1.9392 mL	3.8784 mL
10 mM	0.1939 mL	0.9696 mL	1.9392 mL
50 mM	0.0388 mL	0.1939 mL	0.3878 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

Potjewyd F, et al. Degradation of Polycomb Repressive Complex 2 with an EED-Targeted Bivalent Chemical Degrader. Cell Chem Biol. 2020 Jan 16;27(1):47-56.e15.

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