

## (S,R,S)-AHPC-C2-NH2

## Chemical Properties

CAS No. : 2241643-69-4

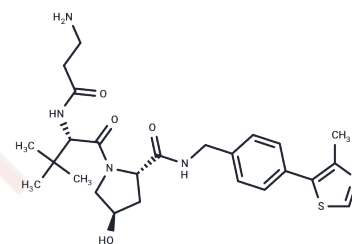
Formula: C<sub>25</sub>H<sub>35</sub>N<sub>5</sub>O<sub>4</sub>S

Molecular Weight: 501.65

Keep away from direct sunlight

Storage: 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-C2-NH2 is a synthesized conjugate that combines the VH032-based VHL ligand with a linker, designed for use in PROTAC technology as an E3 ligase ligand-linker.
Targets(IC50)	Others,E3 Ligase Ligand-Linker Conjugates
In vitro	PROTACs consist of two distinct ligands linked together, one binding to an E3 ubiquitin ligase and the other to the target protein, utilizing the intracellular ubiquitin-proteasome system to selectively degrade target proteins [2].

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.9934 mL	9.9671 mL	19.9342 mL
5 mM	0.3987 mL	1.9934 mL	3.9868 mL
10 mM	0.1993 mL	0.9967 mL	1.9934 mL
50 mM	0.0399 mL	0.1993 mL	0.3987 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

Scheepstra M, et al. Bivalent Ligands for Protein Degradation in Drug Discovery. *Comput Struct Biotechnol J*. 2019; 17:160-176. Published 2019 Jan 25.

Nalawansha DA, et al. PROTACs: An Emerging Therapeutic Modality in Precision Medicine. *Cell Chem Biol*. 2020;27(8):998-985.

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Tel:781-999-4286 E\_mail:info@targetmol.com Address:34 Washington Street,Wellesley Hills,MA 02481