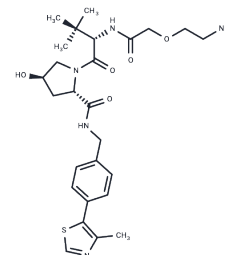


(S,R,S)-AHPC-PEG1-NH2

Chemical Properties

CAS No. :	2241641-57-4
Formula:	C26H37N5O5S
Molecular Weight:	531.67
Storage:	Keep away from direct sunlight Powder: -20°C for 3 years In solvent: -80°C for 1 year <small>Actual storage temperature shall be subject to the COA.</small>



Biological Description

Description	(S,R,S)-AHPC-PEG1-NH2 (VH032-PEG1-NH2) is a synthesized conjugate that combines a VH032-based VHL ligand with a linker for use in PROTAC technology, functioning 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 ligand targets an E3 ubiquitin ligase, and the other targets the desired protein. By leveraging the intracellular ubiquitin-proteasome system, PROTACs selectively degrade specific proteins[2].

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.8809 mL	9.4043 mL	18.8087 mL
5 mM	0.3762 mL	1.8809 mL	3.7617 mL
10 mM	0.1881 mL	0.9404 mL	1.8809 mL
50 mM	0.0376 mL	0.1881 mL	0.3762 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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