# Data Sheet (Cat.No.T39735)



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

#### **Chemical Properties**

CAS No.: 2241641-57-4

Formula: C26H37N5O5S

Molecular Weight: 531.67

Appearance: no data available

Storage: Powder: -20°C for 3 years | In solvent: -80°C for 1 year



### **Biological Description**

Description	(S,R,S)-AHPC-PEG1-NH2 (VH032-PEG1-NH2) is a synthesized conjugate combining the VH032-based VHL ligand with a linker designed for use in PROTAC technology, serving as an E3 ligase ligand-linker.
In vitro	PROTACs contain two different ligands connected by a linker; one is a ligand for an E3 ubiquitin ligase and the other is for the target protein. PROTACs exploit the intracellular ubiquitin-proteasome system to selectively degrade target 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.

#### 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.

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Page 1 of 1 www.targetmol.com