

(S,R,S)-AHPC-PEG2-NH2 dihydrochloride

Chemical Properties

CAS No. :	2341796-76-5
Formula:	C ₂₈ H ₄₃ Cl ₂ N ₅ O ₆ S
Molecular Weight:	648.642
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-PEG2-NH2 dihydrochloride (VH032-linker 12) is a synthesized E3 ligase ligand-linker conjugate that incorporates the (S,R,S)-AHPC-based VHL ligand and a 2-unit PEG linker[1].
Targets(IC50)	E3 Ligase Ligand-Linker Conjugates,Ligands for E3 Ligase
In vitro	PROTACs exploit the intracellular ubiquitin-proteasome system to selectively degrade target proteins[1].

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.5417 mL	7.7084 mL	15.4169 mL
5 mM	0.3083 mL	1.5417 mL	3.0834 mL
10 mM	0.1542 mL	0.7708 mL	1.5417 mL
50 mM	0.0308 mL	0.1542 mL	0.3083 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

Chan KH, et al. Impact of Target Warhead and Linkage Vector on Inducing Protein Degradation: Comparison of Bromodomain and Extra-Terminal (BET) Degraders Derived from Triazolodiazepine (JQ1) and Tetrahydroquinoline (I-BET726) BET Inhibitor Scaffolds. J Med Chem. 2018 Jan 25;61(2):504-513.

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