

## (S,R,S)-AHPC-C4-NH2 hydrochloride

## Chemical Properties

CAS No. :	2245697-83-8
Formula:	C <sub>27</sub> H <sub>40</sub> ClN <sub>5</sub> O <sub>4</sub> S
Molecular Weight:	566.156
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-C4-NH2 hydrochloride (E3 ligase Ligand-Linker Conjugates 28) is a synthesized E3 ligase ligand-linker conjugate comprising the (S,R,S)-AHPC-based VHL ligand and a linker.
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. 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[1].

## Solubility Information

Solubility	H <sub>2</sub> O: 50.00 mg/mL (88.31 mM),Sonication is recommended. DMSO: 109.60 mg/mL (193.59 mM),Sonication is recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble)
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## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.7663 mL	8.8314 mL	17.6629 mL
5 mM	0.3533 mL	1.7663 mL	3.5326 mL
10 mM	0.1766 mL	0.8831 mL	1.7663 mL
50 mM	0.0353 mL	0.1766 mL	0.3533 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

Hsu JH, et al. EED-Targeted PROTACs Degrade EED, EZH2, and SUZ12 in the PRC2 Complex. Cell Chem Biol. 2019 Nov 26. pii: S2451-9456(19)30362-9.

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