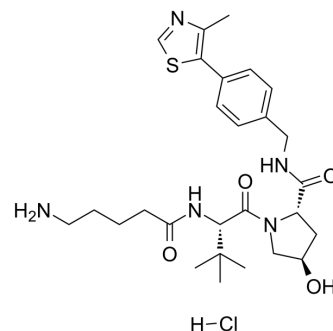


## (S,R,S)-AHPC-C4-NH2 hydrochloride

<b>Cat. No.:</b>	HY-114176
<b>CAS No.:</b>	2245697-83-8
<b>Molecular Formula:</b>	C <sub>27</sub> H <sub>40</sub> ClN <sub>5</sub> O <sub>4</sub> S
<b>Molecular Weight:</b>	566.16
<b>Target:</b>	E3 Ligase Ligand-Linker Conjugates
<b>Pathway:</b>	PROTAC
<b>Storage:</b>	4°C, sealed storage, away from moisture * In solvent : -80°C, 6 months; -20°C, 1 month (sealed storage, away from moisture)



### SOLVENT & SOLUBILITY

#### In Vitro

DMSO : ≥ 109.6 mg/mL (193.58 mM)  
 H<sub>2</sub>O : ≥ 50 mg/mL (88.31 mM)  
 \* "≥" means soluble, but saturation unknown.

Preparing Stock Solutions	Solvent Concentration	Mass	1 mg	5 mg	10 mg
	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

Please refer to the solubility information to select the appropriate solvent.

### BIOLOGICAL ACTIVITY

<b>Description</b>	(S,R,S)-AHPC-C4-NH2 hydrochloride is a synthesized E3 ligase ligand-linker conjugate that incorporates the (S,R,S)-AHPC based VHL ligand and a linker used for EED-Targeted PROTAC <sup>[1]</sup> .
<b>IC<sub>50</sub> &amp; Target</b>	VHL
<b>In Vitro</b>	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. MCE has not independently confirmed the accuracy of these methods. They are for reference only.

### REFERENCES

[1]. 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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**Caution: Product has not been fully validated for medical applications. For research use only.**

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