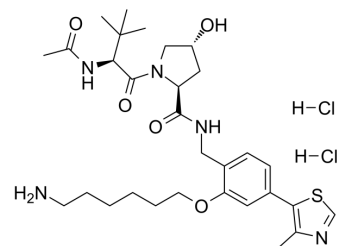


(S,R,S)-AHPC-phenol-alkylC6-amine dihydrochloride

Cat. No.:	HY-136183
CAS No.:	2376990-28-0
Molecular Formula:	C ₃₀ H ₄₇ Cl ₂ N ₅ O ₅ S
Molecular Weight:	660.7
Target:	E3 Ligase Ligand-Linker Conjugates
Pathway:	PROTAC
Storage:	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 : 200 mg/mL (302.71 mM; Need ultrasonic)					
		Solvent Concentration	Mass	1 mg	5 mg	10 mg
	Preparing Stock Solutions	1 mM		1.5135 mL	7.5677 mL	15.1355 mL
		5 mM		0.3027 mL	1.5135 mL	3.0271 mL
		10 mM		0.1514 mL	0.7568 mL	1.5135 mL
Please refer to the solubility information to select the appropriate solvent.						
In Vivo	<ol style="list-style-type: none"> Add each solvent one by one: 10% DMSO >> 40% PEG300 >> 5% Tween-80 >> 45% saline Solubility: 5 mg/mL (7.57 mM); Clear solution; Need ultrasonic Add each solvent one by one: 10% DMSO >> 90% (20% SBE-β-CD in saline) Solubility: 5 mg/mL (7.57 mM); Clear solution; Need ultrasonic Add each solvent one by one: 10% DMSO >> 90% corn oil Solubility: 5 mg/mL (7.57 mM); Clear solution; Need ultrasonic 					

BIOLOGICAL ACTIVITY

Description	(S,R,S)-AHPC-phenol-alkylC6-amine dihydrochloride is a synthesized E3 ligase ligand-linker conjugate that incorporates the VH032 based VHL ligand and an alkyl linker used for PROTAC degrader ^[1] .
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REFERENCES

[1]. Sato T, et al. Cereblon-Based Small-Molecule Compounds to Control Neural Stem Cell Proliferation in Regenerative Medicine. *Front Cell Dev Biol.* 2021;9:629326. Published 2021 Mar 11.

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

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