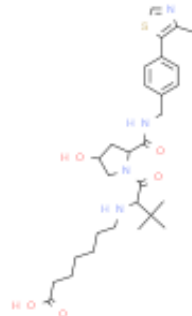


Product Data Sheet

Cas No.:	2267282-19-7	Cat. No:	PL03542
Product Name:	(S,R,S)-AHPC-C5-COOH		
Product synonym:	-		
Chemical name:	(S,R,S)-AHPC-C5-COOH		
MF:	C29H42N4O5S	FW:	558.73258638382
Purity:	≥98%	Batch No.:	-
Storage:			
Structural formula:			
λmax:	-	Formulation:	-
Solubility :			
SMILES :	S1C=NC(C)=C1C1C=CC(=CC=1)CNC(C1CC(CN1C(C(C(C)(C)C)NCCCCCCC(=O)O)=O)O)=O		
InChI Code:	-		
InChI Key:			
WARNING This product is not for human or veterinary use.			

Product Description

(S,R,S)-AHPC-C5-COOH (VH032-C5-COOH) 是一种合成的 E3 连接酶配体-连接蛋白偶联物，包含 VH032 配体和 linker。VH032 是强效选择性的针对 VHL/HIF-1α 相互作用的抑制剂，K_d 值为的 185 nM，有潜力用于贫血和缺血性疾病的相关研究。

生物活性	(S,R,S)-AHPC-C5-COOH (VH032-C5-COOH) is a synthesized E3 ligase ligand-linker conjugate, contains the VH032 VHL-based ligand and a linker to form PROTACs. VH-032 is a selective and potent inhibitor of VHL/HIF-1α interaction with a K _d of 185 nM, has the potential for the study of anemia and ischemic diseases.
IC50 & Target[1][2]	VHL
体外研究(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. The von Hippel–Lindau tumor suppressor protein is the substrate-binding subunit of the VHL E3 ubiquitin ligase, it targets hydroxylated α subunit of HIFs for ubiquitination and subsequent proteasomal degradation. has not independently confirmed the accuracy of these methods. They are for reference only.
包装储存	Powder -20°C 3 years; 4°C 2 years

