CD BioGlyco
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Product Information

E3 ligase ligand-linker conjugate inhibitor, (*S*,*R*,*S*)-AHPC-C3-NH_2, Purity ≥98%

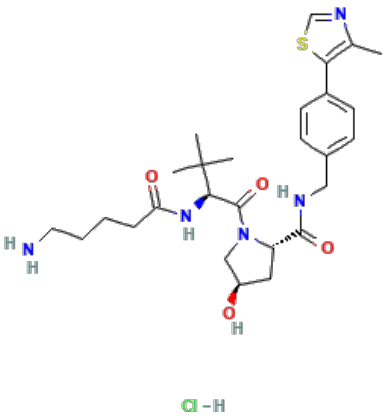
Cat. No.: X24-09-YM709

Size: 10 mg; 25 mg; 50 mg; 100 mg

CAS Number: 2245697-83-8

Compound CID: 134160245

Synonym: 2245697-83-8; VH 032 linker 3; BCP33413; EX-A3911; AKOS034834082; (2*S*,4*R*)-1-[(2*S*)-2-(5-Aminopentanoyl amino)-3,3-dimethylbutanoyl]-4-hydroxy-*N*-[[4-(4-methyl-1,3-thiazol-5-yl)phenyl]methyl]pyrrolidine-2-carboxamide; hydrochloride; E3 ligase ligand-linker conjugate inhibitor



This product is for research use only and is not intended for diagnostic use.

Product Information

Description	(*S*,*R*,*S*)-AHPC-C3-NH_2 is an effective PROTAC inhibitor, that has the ability to prevent the pathway of E3 ligase ligand-linker conjugation. The molecular weight of the compound is 566.16, and its molecular formula is $C_{27}H_{40}ClN_5O_4S$.
Molecular Weight	566.16
Molecular Formula	$C_{27}H_{40}ClN_5O_4S$
IUPAC Name	(2*S*,4*R*)-1-[(2*S*)-2-(5-Aminopentanoylamino)-3,3-dimethylbutanoyl]-4-hydroxy-*N*-[[4-(4-methyl-1,3-thiazol-5-yl)phenyl]methyl]pyrrolidine-2-carboxamide;hydrochloride
InChI	InChI=1S/C27H39N5O4S.ClH/c1-17-23(37-16-30-17)19-10-8-18(9-11-19)14-29-25(35)21-13-20(33)15-32(21)26(36)24(27(2,3)4)31-22(34)7-5-6-12-28;/h8-11,16,20-21,24,33H,5-7,12-15,28H2,1-4H3,(H,29,35)(H,31,34);1H/t20-,21+,24-;/m1./s1
InChI Key	HJICCZROGLAHNB-BIBCNAKVSA-N
Canonical SMILES	CC1=C(SC=N1)C2=CC=C(C=C2)CNC(=O)C3CC(CN3C(=O)C(C(C)(C)C)NC(=O)CCCCN)O.Cl
Form	Lyophilized powder
Purity	≥98%
Impurities	Free from inappropriate visible particulates, foreign matter, discoloration, or other defects.
Identity	Confirmed by NMR/HPLC/MS.

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Stability	In its lyophilized form, the chemical remains stable for 36 months.
Quality Level	Research grade
Applications	(*S*,*R*,*S*)-AHPC-C3-NH_2 plays a key role in targeting cancer cell proliferation and survival.
Storage	Store at -20ºC, and keep desiccated.