



Product Information

E3 ligase ligand-linker conjugate inhibitor, (S,R,S)-AHPC-PEG3-NH₂, Purity ≥98%

Cat. No.: X24-09-YM714

Size: 100 mg; 200 mg; 500 mg; 1 g

CAS Number: 2010159-56-3

Compound CID: 131704495

Synonym: 2010159-56-3; VH032-PEG3-NH₂; VHL ligand-linker conjugate 1; E3

ligase ligand-linker conjugate 5 free base;

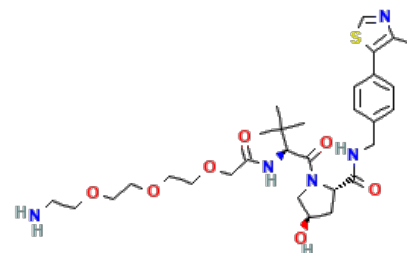
(2S,4R)-1-[(2S

)-2-[[2-[2-(2-Aminoethoxy)ethoxy]ethoxy]acetyl]amino]-3,3-dimethylbutanoyl]-4-hydr

oxy-N-[[4-(4-methyl-1,3-thiazol-5-yl)phenyl]methyl]pyrrolidine-2-carboxamide; 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-PEG3-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 619.77, and its molecular formula is C ₃₀ H ₄₅ N ₅ O ₇ S.
Molecular Weight	619.77
Molecular Formula	C ₃₀ H ₄₅ N ₅ O ₇ S
IUPAC Name	(2S,4R)-1-[(2S)-2-[[2-[2-(2-Aminoethoxy)ethoxy]ethoxy]acetyl]amino]-3,3-dimethylbutanoyl]-4-hydroxy-N-[[4-(4-methyl-1,3-thiazol-5-yl)phenyl]methyl]pyrrolidine-2-carboxamide
InChI	InChI=1S/C30H45N5O7S/c1-20-26(43-19-33-20)22-7-5-21(6-8-22)16-32-28(38)24-15-23(36)17-35(24)29(39)27(30(2,3)4)34-25(37)18-42-14-13-41-12-11-40-10-9-31/h5-8,19,23-24,27,36H,9-18,31H2,1-4H3,(H,32,38)(H,34,37)/t23-,24+,27-/m1/s1
InChI Key	ZQKKNLXQLXLWQ-ONBPZOJHSA-N
Canonical SMILES	CC1=C(SC=N1)C2=CC=C(C=C2)CNC(=O)C3CC(CN3C(=O)C(C(C)(C)C)NC(=O)COCCOCCOCCN)O
Isomeric SMILES	CC(C)C[C@@H](C(=O)OCCOCCN)NC(=O)[C@H]([C@@H](CC1=CC=CC=C1)NC(=O)OCC2C3=C(C=CC=C3C4=CC=CC=C24)O)C1



Form	Lyophilized powder
Purity	≥98%
Impurities	Free from inappropriate visible particulates, foreign matter, discoloration, or other defects.
Identity	Confirmed by NMR/HPLC/MS.
Stability	In its lyophilized form, the chemical remains stable for 36 months.
Quality Level	Research grade
Applications	(S,R,S)-AHPC-PEG3-NH ₂ displays the significant potential to act as an effective delivery system for other therapeutic agents, enhancing their effectiveness.
Storage	Store at -20°C, and keep desiccated.