CD BioGlyco
SUITE 201, 17 Ramsey Road, Shirley, NY 11967, USA
Tel: 1-631-637-6119 | Email: info@bioglyco.com

Product Information

E3 ligase ligand-linker conjugate inhibitor, (*S*,*R*,*S*)-AHPC-PEG4-NH_2, Purity ≥98%

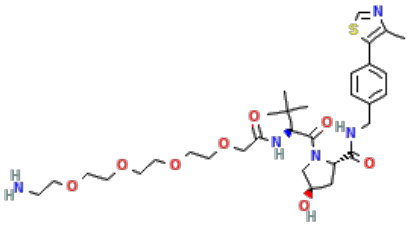
Cat. No.: X24-09-YM716

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

CAS Number: 2010159-57-4

Compound CID: 124177628

Synonym: 2010159-57-4; VH032-PEG4-NH_2; VHL ligand-linker conjugate 4; E3 ligase ligand-linker conjugate 7 free base; (2*S*,4*R*)-1-[(2*S*)-2-[[2-[2-[2-[2-(2-Aminoethoxy)ethoxy]ethoxy]ethoxy]acetyl]amino]-3,3-dimethylbutanoyl]-4-hydroxy-*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-PEG4-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 663.83, and its molecular formula is $C_{32}H_{49}N_5O_8S$.
Molecular Weight	663.83
Molecular Formula	$C_{32}H_{49}N_5O_8S$
IUPAC Name	(2*S*,4*R*)-1-[(2*S*)-2-[[2-[2-[2-[2-(2-Aminoethoxy)ethoxy]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/C32H49N5O8S/c1-22-28(46-21-35-22)24-7-5-23(6-8-24)18-34-30(40)26-17-25(38)19-37(26)31(41)29(32(2,3)4)36-27(39)20-45-16-15-44-14-13-43-12-11-42-10-9-33/h5-8,21,25-26,29,38H,9-20,33H2,1-4H3,(H,34,40)(H,36,39)/t25-,26+,29-/m1/s1
InChI Key	VSMWDQCRYIOFMX-UWPQIUOOSA-N
Canonical SMILES	CC1=C(SC=N1)C2=CC=C(C=C2)CNC(=O)C3CC(CN3C(=O)C(C(C)(C)C)NC(=O)COCCOCCOCCOCCN)O
Form	Lyophilized powder

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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-PEG4-NH_2 plays a key role in enhancing the pharmacological properties of linked drugs.
Storage	Store at -20ºC, and keep desiccated.