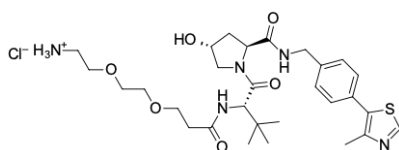


(S,R,S)-AHPC-PEG2-C2-amine

<http://www.lumiprobe.com/p/ahpc-peg2-c2-amine>

Proteolysis targeting chimeras (PROTACs) are cell-permeable heterobifunctional molecules that can remove specific proteins from the cell. One end of such molecule contains a ligand to bind to the target, and the second end recruits the E3 ligase complex. Close proximity results in substrate polyubiquitination and subsequent protein degradation by cellular proteasome.

(S,R,S)-AHPC-C2-amine is a protein degrader building block for synthesizing molecules for targeted protein degradation and PROTAC technologies. This conjugate contains a von Hippel-Lindau (VHL)-recruiting ligand and a PEG2-C2 crosslinker with an amine function group, which can be conjugated to other functionalized linkers and target protein ligands.



Structure of (S,R,S)-AHPC-PEG2-C2-amine

General properties

Appearance: beige powder

Molecular weight: 626.21

CAS number: 2138439-54-8

Molecular formula: C₂₉H₄₄ClN₅O₆S

Solubility: methanol, ethyl acetate, DCM, THF, DMF, DMSO

Quality control: NMR ¹H and HPLC-MS (95+%)

Storage conditions: 24 months after receipt at -20°C in the dark. Transportation: at room temperature for up to 3 weeks. Desiccate.

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