

(S,R,S)-AHPC-Me-CO-CH₂-PEG₃-NH₂

Chemical Properties

CAS No. : 2409538-69-6

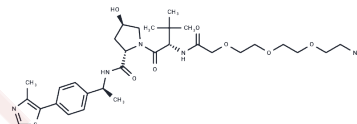
Formula: C₃₁H₄₇N₅O₇S

Molecular Weight: 633.81

Keep away from direct sunlight

Storage: Powder: -20°C for 3 years | In solvent: -80°C for 1 year

Actual storage temperature shall be subject to the COA.



Biological Description

Description	(S,R,S)-AHPC-Me-CO-CH ₂ -PEG ₃ -NH ₂ is a synthetic E3 ligase ligand-linker conjugate composed of a VHL ligand and a linker, utilized in PROTAC BRD4 Degradator-5 and PROTAC BRD4 Degradator-5-CO-PEG ₃ -N ₃ .
Targets(IC50)	Others,E3 Ligase Ligand-Linker Conjugates
In vitro	PROTAC BRD4 Degradator-5, a PROTAC-based compound, effectively degrades BRD4 in both HER2 positive and negative breast cancer cell lines[1]. Its variant, PROTAC BRD4 Degradator-5-CO-PEG ₃ -N ₃ , features a conjugate for PAC, integrating the BRD4 degrader GNE-987 with a PEG-based linker[1].

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.5778 mL	7.8888 mL	15.7776 mL
5 mM	0.3156 mL	1.5778 mL	3.1555 mL
10 mM	0.1578 mL	0.7889 mL	1.5778 mL
50 mM	0.0316 mL	0.1578 mL	0.3156 mL

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. Please use it as soon as possible.

Note: The dilution table applies only to solid products. For liquid products, please calculate the stock solution based on the stated concentration and/or density.

Reference

Marí A Maneiro, et al. Antibody-PROTAC Conjugates Enable HER2-Dependent Targeted Protein Degradation of BRD4. ACS Chem Biol. 2020 Jun 19;15(6):1306-1312.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

This product is for Research Use Only · Not for Human or Veterinary or Therapeutic Use

Tel:781-999-4286 E_mail:info@targetmol.com Address:34 Washington Street,Wellesley Hills,MA 02481