

(S,R,S)-AHPC-PEG4-N3

Chemical Properties

CAS No. : 1797406-81-5

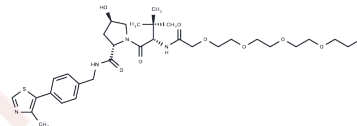
Formula: C32H47N7O8S

Molecular Weight: 689.83

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-PEG4-N3 (VHL Ligand-Linker Conjugates 5) is a synthesized ligand-linker for E3 ligase-based systems, comprising the (S,R,S)-AHPC VHL ligand and a 4-unit PEG linker, commonly used in PROTAC technology.
Targets(IC50)	E3 Ligase Ligand-Linker Conjugates,PROTAC Linker
In vitro	E3 ligase Ligand-Linker Conjugates 4, in combination with JQ1, induces the intracellular degradation of BET proteins[1].

Solubility Information

Solubility	DMSO: 245 mg/mL (355.16 mM),Sonication is recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble)
------------	---------------------------------------------------------------------------------------------------------------------------

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.4496 mL	7.2482 mL	14.4963 mL
5 mM	0.2899 mL	1.4496 mL	2.8993 mL
10 mM	0.145 mL	0.7248 mL	1.4496 mL
50 mM	0.029 mL	0.145 mL	0.2899 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

Zengerle M, et al. Selective Small Molecule Induced Degradation of the BET Bromodomain Protein BRD4. ACS Chemical Biology (2015), 10(8), 1770-1777.

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