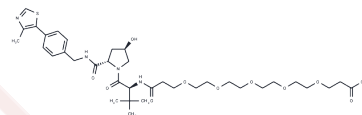


(S,R,S)-AHPC-PEG5-COOH

Chemical Properties

CAS No. :	2172820-14-1
Formula:	C36H54N4O11S
Molecular Weight:	750.9
Storage:	Keep away from direct sunlight Powder: -20°C for 3 years In solvent: -80°C for 1 year <i>Actual storage temperature shall be subject to the COA.</i>



Biological Description

Description	(S,R,S)-AHPC-PEG5-COOH (VH032-PEG5-COOH) is a synthetic E3 ligase ligand-linker conjugate developed for PROTAC technology, comprising the (S,R,S)-AHPC-based VHL ligand and a 5-unit PEG linker [1].
Targets(IC50)	Others,E3 Ligase Ligand-Linker Conjugates

Solubility Information

Solubility	DMSO: 100 mg/mL (133.17 mM),Sonication is recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble)
In vivo Formulation	10% DMSO+40% PEG300+5% Tween-80+45% Saline: 5 mg/mL (6.66 mM),Sonication is recommended. <i>Please add the solvents sequentially, clarifying the solution as much as possible before adding the next one. Dissolve by heating and/or sonication if necessary. Working solution is recommended to be prepared and used immediately. The formulation provided above is for reference purposes only. In vivo formulations may vary and should be modified based on specific experimental conditions.</i>

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.3317 mL	6.6587 mL	13.3174 mL
5 mM	0.2663 mL	1.3317 mL	2.6635 mL
10 mM	0.1332 mL	0.6659 mL	1.3317 mL
50 mM	0.0266 mL	0.1332 mL	0.2663 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

Chi JJ, et al. A novel strategy to block mitotic progression for targeted therapy. EBioMedicine. 2019 Oct 25. pii: S2352-3964(19)30677-2.

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