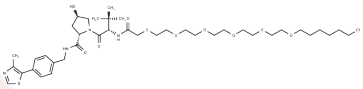
Data Sheet (Cat.No.T17926)

TargetMol

(S,R,S)-AHPC-PEG6-C4-Cl

Chemical Properties



CAS No. : 1835705-59-3

Formula: C40H63ClN4O10S

Molecular Weight: 827.47

Storage: Keep away from direct sunlight
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-PEG6-C4-Cl is a small molecule HaloPROTAC comprising the (S,R,S)-AHPC based VHL ligand and a 6-unit PEG linker, capable of inducing the degradation of GFP-HaloTag7 in cell-based assays[1].
Targets(IC50)	Others,E3 Ligase Ligand-Linker Conjugates,PROTACs
In vitro	HaloPROTACs are engineered to facilitate the ubiquitylation and subsequent degradation of HaloTag7 fusion proteins[1].

Solubility Information

Solubility	DMSO: 100 mg/mL (120.85 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: 3.3 mg/mL (3.99 mM),Sonication is recommended. *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.*

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.2085 mL	6.0425 mL	12.085 mL
5 mM	0.2417 mL	1.2085 mL	2.417 mL
10 mM	0.1209 mL	0.6043 mL	1.2085 mL
50 mM	0.0242 mL	0.1209 mL	0.2417 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

Tovell H, et al. Rapid and Reversible Knockdown of Endogenously Tagged Endosomal Proteins via an Optimized HaloPROTAC Degrader. ACS Chem Biol. 2019 May 17;14(5):882-892.