

(S,R,S)-AHPC-(C3-PEG)2-C6-Cl

Chemical Properties

CAS No. : 1835705-61-7

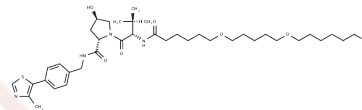
Formula: C₃₉H₆₁ClN₄O₆S

Molecular Weight: 749.44

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-(C3-PEG)2-C6-Cl is a small molecule HaloPROTAC incorporating the (S,R,S)-AHPC-based VHL ligand and a 2-unit PEG linker, capable of inducing degradation of GFP-HaloTag7 in cell-based assays [1].
Targets(IC50)	Others,E3 Ligase Ligand-Linker Conjugates,PROTAC Linker

Solubility Information

Solubility	DMSO: 100 mg/mL (133.43 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 (4.4 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	1.3343 mL	6.6716 mL	13.3433 mL
5 mM	0.2669 mL	1.3343 mL	2.6687 mL
10 mM	0.1334 mL	0.6672 mL	1.3343 mL
50 mM	0.0267 mL	0.1334 mL	0.2669 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

Ashton C. Lai, et al. Modular PROTAC Design for the Degradation of Oncogenic BCR-ABL. Angew Chem Int Ed Engl. 2016 Jan 11; 55(2): 807-810.

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