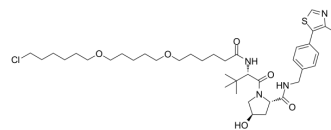


(S,R,S)-AHPC-(C3-PEG)2-C6-Cl

Cat. No.:	HY-103608		
CAS No.:	1835705-61-7		
Molecular Formula:	C ₃₉ H ₆₁ ClN ₄ O ₆ S		
Molecular Weight:	749.44		
Target:	E3 Ligase Ligand-Linker Conjugates		
Pathway:	PROTAC		
Storage:	Powder	-20°C	3 years
	In solvent	-80°C	6 months
		-20°C	1 month



SOLVENT & SOLUBILITY

In Vitro

DMSO : 200 mg/mL (266.87 mM; Need ultrasonic)
 Ethanol : 100 mg/mL (133.43 mM; Need ultrasonic)

	Solvent Concentration	Mass		
		1 mg	5 mg	10 mg
Preparing Stock Solutions	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

Please refer to the solubility information to select the appropriate solvent.

In Vivo

- Add each solvent one by one: 10% DMSO >> 40% PEG300 >> 5% Tween-80 >> 45% saline
Solubility: ≥ 2.5 mg/mL (3.34 mM); Clear solution
- Add each solvent one by one: 10% DMSO >> 90% (20% SBE-β-CD in saline)
Solubility: ≥ 2.5 mg/mL (3.34 mM); Clear solution
- Add each solvent one by one: 10% DMSO >> 90% corn oil
Solubility: ≥ 2.5 mg/mL (3.34 mM); Clear solution

BIOLOGICAL ACTIVITY

Description

(S,R,S)-AHPC-(C3-PEG)2-C6-Cl is a small molecule HaloPROTAC that incorporates the (S,R,S)-AHPC based VHL ligand and 2-unit PEG linker. (S,R,S)-AHPC-(C3-PEG)2-C6-Cl is capable of inducing the degradation of GFP-HaloTag7 in cell-based assays [1].

IC₅₀ & Target

VHL

REFERENCES

[1]. 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.

Caution: Product has not been fully validated for medical applications. For research use only.

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