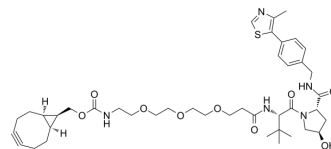


(S,R,S)-AHPC-C2-PEG3-BCN

Cat. No.:	HY-148896		
CAS No.:	2876198-36-4		
Molecular Formula:	C ₄₂ H ₅₉ N ₅ O ₉ S		
Molecular Weight:	810.01		
Target:	Ligands for E3 Ligase		
Pathway:	PROTAC		
Storage:	Powder	-20°C	3 years
		4°C	2 years
	In solvent	-80°C	6 months
		-20°C	1 month



SOLVENT & SOLUBILITY

In Vitro

DMSO : 100 mg/mL (123.46 mM; Need ultrasonic)

Concentration	Mass		
	1 mg	5 mg	10 mg
1 mM	1.2346 mL	6.1728 mL	12.3455 mL
5 mM	0.2469 mL	1.2346 mL	2.4691 mL
10 mM	0.1235 mL	0.6173 mL	1.2346 mL

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

In Vivo

- Add each solvent one by one: 10% DMSO >> 90% (20% SBE-β-CD in saline)
Solubility: 2.5 mg/mL (3.09 mM); Clear solution; Need ultrasonic
- Add each solvent one by one: 10% DMSO >> 90% corn oil
Solubility: 2.5 mg/mL (3.09 mM); Clear solution; Need ultrasonic

BIOLOGICAL ACTIVITY

Description

(S,R,S)-AHPC-C2-PEG3-BCN (Compound 16b) is a VHL ligand, and can be used for synthesis of PROTACs^[1].

REFERENCES

- [1]. Wang Z, et al. Methylated Nucleotide-Based Proteolysis-Targeting Chimera Enables Targeted Degradation of Methyl-CpG-Binding Protein 2. J Am Chem Soc. 2023 Oct 11;145(40):21871-21878.

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

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