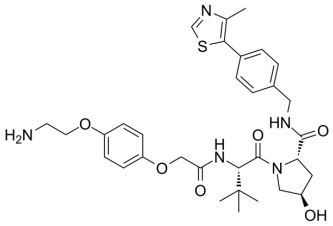
(S,R,S)-AHPC-O-Ph-PEG1-NH2

Cat. No.:	HY-130816
CAS No.:	2361117-24-8
Molecular Formula:	$C_{32}H_{41}N_5O_6S$
Molecular Weight:	623.76
Target:	E3 Ligase Ligand-Linker Conjugates
Pathway:	PROTAC
Storage:	4°C, protect from light, stored under nitrogen * In solvent : -80°C, 6 months; -20°C, 1 month (protect from light, stored under nitrogen)



SOLVENT & SOLUBILITY

In Vitro

DMSO : 100 mg/mL (160.32 mM; Need ultrasonic)

Preparing Stock Solutions	Mass / Solvent / Concentration	1 mg	5 mg	10 mg
	1 mM	1.6032 mL	8.0159 mL	16.0318 mL
	5 mM	0.3206 mL	1.6032 mL	3.2064 mL
	10 mM	0.1603 mL	0.8016 mL	1.6032 mL

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

BIOLOGICAL ACTIVITY

Description

(S,R,S)-AHPC-O-Ph-PEG1-NH2 (VH032-O-Ph-PEG1-NH2) is E3 ligase ligand-linker conjugate and incorporates a VHL ligand for the E3 ubiquitin ligase, and a PROTAC linker. (S,R,S)-AHPC-O-Ph-PEG1-NH2 is used in PROTAC EED degrader-1 (HY-130614). PROTAC EED degrader-1 is a PROTAC targeting EED with a pK_D of 9.02[1].

IC_{50} & Target

VHL

REFERENCES

[1]. Hsu JH, et al. EED-Targeted PROTACs Degrade EED, EZH2, and SUZ12 in the PRC2 Complex. Cell Chem Biol. 2019 Nov 26. pii: S2451-9456(19)30362-9.

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

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