(S,R,S)-AHPC-PEG4-NH2

Cat. No.: HY-103604A

CAS No.: 2010159-57-4

Molecular Formula: $C_{32}H_{49}N_5O_8S$

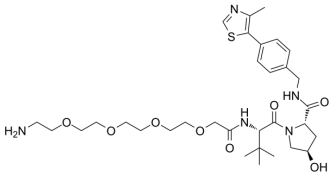
Molecular Weight: 663.83

Target: E3 Ligase Ligand-Linker Conjugates

Pathway: PROTAC

Storage:

Powder	-20°C	3 years
	4°C	2 years
In solvent	-80°C	2 years
	-20°C	1 year



SOLVENT & SOLUBILITY

In Vitro

DMSO : 170 mg/mL (256.09 mM; Need ultrasonic)

Preparing Stock Solutions	Solvent / Mass / Concentration	1 mg	5 mg	10 mg
	1 mM	1.5064 mL	7.5320 mL	15.0641 mL
	5 mM	0.3013 mL	1.5064 mL	3.0128 mL
	10 mM	0.1506 mL	0.7532 mL	1.5064 mL

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

BIOLOGICAL ACTIVITY

Description

(S,R,S)-AHPC-PEG4-NH2 is a synthesized E3 ligase ligand-linker conjugate that incorporates the (S,R,S)-AHPC based VHL ligand and 4-unit PEG linker used in PROTAC technology.

IC_{50} & Target

VHL

In Vitro

E3 ligase Ligand-Linker Conjugates 7 Free Base, extracted from patent US20170008904A1, can be used in the synthesis of compound A1895 in example 3[1].

MCE has not independently confirmed the accuracy of these methods. They are for reference only.

CUSTOMER VALIDATION

- Bioconjug Chem. 2020 Nov 18;31(11):2564-2575.

- ACS Omega. 2020 Dec 28.

See more customer validations on www.MedChemExpress.com

REFERENCES

[1]. Crew, Andrew P, et al. MDM2-BASED MODULATORS OF PROTEOLYSIS AND ASSOCIATED METHODS OF USE. US20170008904A1.

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