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

Cat. No.: HY-103604

CAS No.: 2064292-52-8

Molecular Formula: $C_{32}H_{50}ClN_5O_8S$

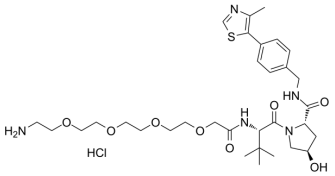
Molecular Weight: 700.29

Target: E3 Ligase Ligand-Linker Conjugates

Pathway: PROTAC

Storage: 4°C, sealed storage, away from moisture

* In solvent : -80°C, 6 months; -20°C, 1 month (sealed storage, away from moisture)



SOLVENT & SOLUBILITY

In Vitro

H_2O : 50 mg/mL (71.40 mM; Need ultrasonic)

Preparing Stock Solutions	Concentration / Solvent / Mass	1 mg	5 mg	10 mg
	1 mM	1.4280 mL	7.1399 mL	14.2798 mL
	5 mM	0.2856 mL	1.4280 mL	2.8560 mL
	10 mM	0.1428 mL	0.7140 mL	1.4280 mL

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

BIOLOGICAL ACTIVITY

Description

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

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