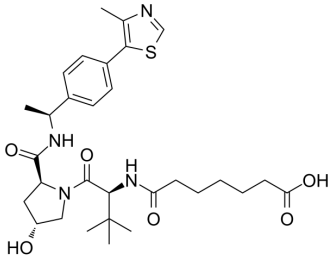
(S,R,S)-AHPC-Me-C5-COOH

Cat. No.:	HY-130849
CAS No.:	2229976-21-8
Molecular Formula:	$C_{30}H_{42}N_4O_6S$
Molecular Weight:	586.74
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

DMSO : 100 mg/mL (170.43 mM; Need ultrasonic)

Preparing Stock Solutions	Solvent / Mass / Concentration	1 mg	5 mg	10 mg
	1 mM	1.7043 mL	8.5217 mL	17.0433 mL
	5 mM	0.3409 mL	1.7043 mL	3.4087 mL
	10 mM	0.1704 mL	0.8522 mL	1.7043 mL

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

BIOLOGICAL ACTIVITY

Description

(S,R,S)-AHPC-Me-C5-COOH is a synthesized E3 ligase ligand-linker conjugate that incorporates the a VHL ligand and a linker. (S,R,S)-AHPC-Me-C5-COOH can be used in PROTAC DT2216 (HY-130604)[1].

IC_{50} & Target

VHL

In Vitro

DT2216 is a selective B-cell lymphoma extra large (BCL-XL) PROTAC degrader[1].

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

REFERENCES

[1]. Khan S, et al. A selective BCL-XL PROTAC degrader achieves safe and potent antitumor activity. Nat Med. 2019 Dec;25(12):1938-1947.

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

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