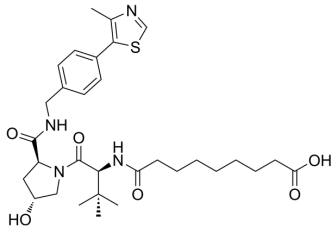
(S,R,S)-AHPC-amido-C7-acid

Cat. No.:	HY-148671
CAS No.:	2172819-76-8
Molecular Formula:	$C_{31}H_{44}N_4O_6S$
Molecular Weight:	600.77
Target:	E3 Ligase Ligand-Linker Conjugates
Pathway:	PROTAC
Storage:	-20°C, sealed storage, away from moisture and light * In solvent : -80°C, 6 months; -20°C, 1 month (sealed storage, away from moisture and light)



SOLVENT & SOLUBILITY

In Vitro

DMSO : ≥ 100 mg/mL (166.45 mM)

* "≥" means soluble, but saturation unknown.

Preparing Stock Solutions

Mass / Solvent / Concentration	1 mg	5 mg	10 mg
1 mM	1.6645 mL	8.3227 mL	16.6453 mL
5 mM	0.3329 mL	1.6645 mL	3.3291 mL
10 mM	0.1665 mL	0.8323 mL	1.6645 mL

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

BIOLOGICAL ACTIVITY

Description

(S,R,S)-AHPC-amido-C7-acid incorporates a VHL ligand for the E3 ubiquitin ligase and a PROTAC linker. (S,R,S)-AHPC-amido-C5-acid can be used to design PROTACs[1].

REFERENCES

[1]. Sun N, et al. Discovery of the First Lactate Dehydrogenase Proteolysis Targeting Chimera Degrader for the Treatment of Pancreatic Cancer. J Med Chem. 2023 Jan 12;66(1):596-610.

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