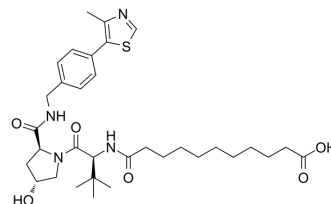


(S,R,S)-AHPC-CO-C9-acid

Cat. No.:	HY-139345
CAS No.:	2172819-78-0
Molecular Formula:	C ₃₃ H ₄₈ N ₄ O ₆ S
Molecular Weight:	628.82
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 (159.03 mM; Need ultrasonic)

Concentration	Mass		
	1 mg	5 mg	10 mg
1 mM	1.5903 mL	7.9514 mL	15.9028 mL
5 mM	0.3181 mL	1.5903 mL	3.1806 mL
10 mM	0.1590 mL	0.7951 mL	1.5903 mL

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

In Vivo

- Add each solvent one by one: 10% DMSO >> 40% PEG300 >> 5% Tween-80 >> 45% saline
Solubility: ≥ 5 mg/mL (7.95 mM); Clear solution
- Add each solvent one by one: 10% DMSO >> 90% (20% SBE-β-CD in saline)
Solubility: ≥ 5 mg/mL (7.95 mM); Clear solution
- Add each solvent one by one: 10% DMSO >> 90% corn oil
Solubility: ≥ 5 mg/mL (7.95 mM); Clear solution

BIOLOGICAL ACTIVITY

Description

(S,R,S)-AHPC-CO-C9-acid is an E3 ligase ligand-linker conjugate that can be connected to the ligand for protein to form PROTACs.

REFERENCES

- [1]. Xu J, et al. AKT Degradation Selectively Inhibits the Growth of PI3K/PTEN Pathway-Mutant Cancers with Wild-Type KRAS and BRAF by Destabilizing Aurora Kinase B.

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

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