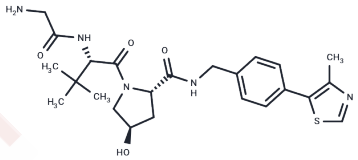
Data Sheet (Cat.No.T39422)

TargetMol

(S,R,S)-AHPC-C1-NH2

Chemical Properties



CAS No. : 2010986-20-4

Formula: C24H33N5O4S

Molecular Weight: 487.62

Storage: Keep away from direct sunlight
Powder: -20°C for 3 years | In solvent: -80°C for 1 year
Actual storage temperature shall be subject to the COA.

Biological Description

Description	(S,R,S)-AHPC-C1-NH2 is a synthesized conjugate for E3 ligase, combining the VHL ligand based on (S,R,S)-AHPC with a linker utilized in [PROTAC] technology.
Targets(IC50)	Others,E3 Ligase Ligand-Linker Conjugates
In vitro	PROTACs consist of two distinct ligands linked together: one binds to an E3 ubiquitin ligase, and the other targets a specific protein. They leverage the intracellular ubiquitin-proteasome system to selectively degrade target proteins[2].

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.0508 mL	10.2539 mL	20.5078 mL
5 mM	0.4102 mL	2.0508 mL	4.1016 mL
10 mM	0.2051 mL	1.0254 mL	2.0508 mL
50 mM	0.041 mL	0.2051 mL	0.4102 mL

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. Please use it as soon as possible.

Note: The dilution table applies only to solid products. For liquid products, please calculate the stock solution based on the stated concentration and/or density.

Reference

Scheepstra M, et al. Bivalent Ligands for Protein Degradation in Drug Discovery. Comput Struct Biotechnol J. 2019; 17:160-176. Published 2019 Jan 25.
Nalawansha DA, et al. PROTACs: An Emerging Therapeutic Modality in Precision Medicine. Cell Chem Biol. 2020;27 (8):998-985.

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