

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

Chemical Properties

CAS No. : 2055344-67-5

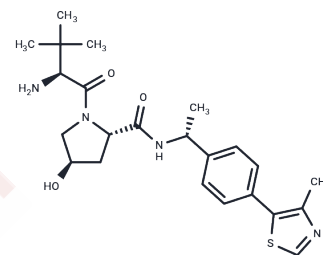
Formula: C₂₃H₃₂N₄O₃S

Molecular Weight: 444.59

Keep away from direct sunlight

Storage: 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,R)-AHPC-Me is a VHL ligand that used in the recruitment of the VHL protein.
Targets(IC50)	Ligands for E3 Ligase
In vitro	PROTACs contain two different ligands connected by a linker; one is a ligand for an E3 ubiquitin ligase and the other is for the target protein. PROTACs exploit the intracellular ubiquitin-proteasome system to selectively degrade target proteins[1].

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.2493 mL	11.2463 mL	22.4926 mL
5 mM	0.4499 mL	2.2493 mL	4.4985 mL
10 mM	0.2249 mL	1.1246 mL	2.2493 mL
50 mM	0.045 mL	0.2249 mL	0.4499 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

An S, et al. Small-molecule PROTACs: An emerging and promising approach for the development of targeted therapy drugs. EBioMedicine. 2018 Oct;36:553-562.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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