

(S,R,S)-AHPC-Me

Chemical Properties

CAS No. : 1948273-02-6

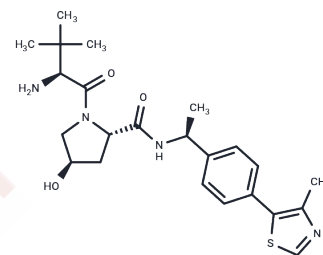
Formula: C₂₃H₃₂N₄O₃S

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)-AHPC-Me (E3 ligase Ligand 1A) (VHL ligand 2) is an (S,R,S)-AHPC-based VHL ligand used to recruit the von Hippel-Lindau (VHL) protein. It is utilized in the synthesis of ARV-771, a VHL E3 ligase-based BET PROTAC degrader that effectively degrades BET proteins in castration-resistant prostate cancer (CRPC) cells with a DC50 <1 nM.
Targets(IC50)	E3 Ligase Ligand-Linker Conjugates, Ligands for E3 Ligase

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

Raina K, et al. PROTAC-induced BET protein degradation as a therapy for castration-resistant prostate cancer. Proc Natl Acad Sci U S A. 2016 Jun 28;113(26):7124-9.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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