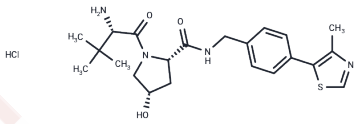
# Data Sheet (Cat.No.T13877)

TargetMol

## (S,S,S)-AHPC hydrochloride

### Chemical Properties



CAS No. : 2115897-23-7

Formula: C22H31ClN4O3S

Molecular Weight: 467.02

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,S,S)-AHPC hydrochloride ((S,S,S)-VH032-NH2 hydrochloride) is a VHL amino building block and ligand used as a negative control for (S,R,S)-AHPC. It is based on VH032 and is employed in the recruitment of the VHL protein. |
| Targets(IC50) | Ligands for E3 Ligase |
| In vitro | VHL is one of the most popular E3 ligases being recruited by bifunctional Proteolysis-targeting chimeras (PROTACs) to induce ubiquitination and subsequent proteasomal degradation of a target protein. |

### Solubility Information

| | |
|---|---|
| Solubility | H2O: 99 mg/mL (211.98 mM),Sonication is recommended.<br>DMSO: 60 mg/mL (128.47 mM),Sonication is recommended.<br>(< 1 mg/ml refers to the product slightly soluble or insoluble) |
| In vivo Formulation | 10% DMSO+40% PEG300+5% Tween 80+45% Saline: 2 mg/mL (4.28 mM),Sonication is recommended.<br>*Please add the solvents sequentially, clarifying the solution as much as possible before adding the next one. Dissolve by heating and/or sonication if necessary. Working solution is recommended to be prepared and used immediately. The formulation provided above is for reference purposes only. In vivo formulations may vary and should be modified based on specific experimental conditions.* |

Preparing Stock Solutions

| | 1mg | 5mg | 10mg |
|---|---|---|---|
| 1 mM | 2.1412 mL | 10.7062 mL | 21.4124 mL |
| 5 mM | 0.4282 mL | 2.1412 mL | 4.2825 mL |
| 10 mM | 0.2141 mL | 1.0706 mL | 2.1412 mL |
| 50 mM | 0.0428 mL | 0.2141 mL | 0.4282 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

Crew AP, et al. Identification and Characterization of Von Hippel-Lindau-Recruiting Proteolysis Targeting Chimeras (PROTACs) of TANK-Binding Kinase J Med Chem. 2018 Jan 25;61(2):583-598.