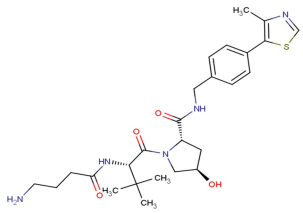
# Data Sheet (Cat.No.T18664)

TargetMol
A DRUG SCREENING EXPERT

(S,R,S)-AHPC-C3-NH2

## Chemical Properties



| | |
|---|---|
| CAS No.: | 2361119-88-0 |
| Formula: | C26H37N5O4S |
| Molecular Weight: | 515.67 |
| Appearance: | N/A |
| Storage: | 0-4℃ for short term (days to weeks), or -20℃ for long term (months). |

## Biological Description

| | |
|---|---|
| Description | (S,R,S)-AHPC-C3-NH2 (VH032-C3-NH2) is a synthesized E3 ligase ligand-linker conjugate that incorporates the VH032 based VHL ligand and a linker used in PROTAC technology. (S,R,S)-AHPC-C3-NH2 can be used in the synthesis of a series of PROTACs, such as UNC6852. UNC6852 is an EED-targeted bivalent chemical degrader[1]. |
| Targets($IC_{50}$) | VHL: None |
| 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. |

## Solubility Information

| | |
|---|---|
| Solubility | < 1 mg/ml refers to the product slightly soluble or insoluble |

Preparing Stock Solutions

| | 1mg | 5mg | 10mg |
|---|---|---|---|
| 1 mM | 1.939 mL | 9.696 mL | 19.392 mL |
| 5 mM | 0.388 mL | 1.939 mL | 3.878 mL |
| 10 mM | 0.194 mL | 0.97 mL | 1.939 mL |
| 50 mM | 0.039 mL | 0.194 mL | 0.388 mL |

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. The storage conditions and period of the stock solution: - 80 ℃ for 6 months; - 20 ℃ for 1 month. Please use it as soon as possible.

Reference

1. Potjewyd F, et al. Degradation of Polycomb Repressive Complex 2 with an EED-Targeted Bivalent Chemical Degrader. Cell Chem Biol. 2020 Jan 16;27(1):47-56.e15.

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