Data Sheet (Cat.No.T18663)

TargetMol®
YOUR TARGET MOLECULES

(S,R,S)-AHPC-C3-NH2 TFA (2361119-88-0 free base)

Chemical Properties

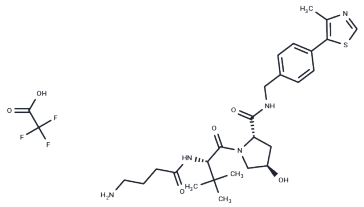
CAS No. : T18663

Formula: C28H38F3N5O6S

Molecular Weight: 629.69

Appearance: no data available

Storage: Powder: -20°C for 3 years | In solvent: -80°C for 1 year



Biological Description

Description	(S,R,S)-AHPC-C3-NH2 TFA (VH032-C3-NH2 TFA) 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(IC50)	Others
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.

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.5881 mL	7.9404 mL	15.8808 mL
5 mM	0.3176 mL	1.5881 mL	3.1762 mL
10 mM	0.1588 mL	0.794 mL	1.5881 mL
50 mM	0.0318 mL	0.1588 mL	0.3176 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.

Reference

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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