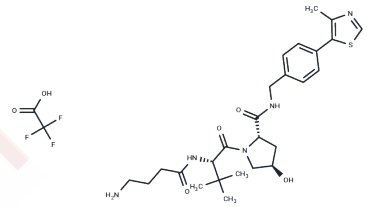
Data Sheet (Cat.No.T18663)

TargetMol

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

Chemical Properties



CAS No. :

Formula: C28H38F3N5O6S

Molecular Weight: 629.69

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,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,E3 Ligase Ligand-Linker Conjugates
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.

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

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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