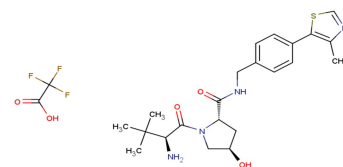


## (S,R,S)-AHPC TFA

## Chemical Properties

CAS No.:	1631137-51-3
Formula:	C <sub>24</sub> H <sub>31</sub> F <sub>3</sub> N <sub>4</sub> O <sub>5</sub> S
Molecular Weight:	544.59
Appearance:	N/A
Storage:	0-4°C for short term (days to weeks), or -20°C for long term (months).



## Biological Description

Description	(S,R,S)-AHPC TFA (VH032-NH <sub>2</sub> TFA) is the VH032-based VHL ligand used in the recruitment of the von Hippel-Lindau (VHL) protein. (S,R,S)-AHPC TFA can be connected to the ligand for protein (e.g., BCR-ABL1) by a linker to form PROTACs (e.g., GMB-475). GMB-475 induces the degradation of BCR-ABL1 with an IC <sub>50</sub> of 1.11 μM in Ba/F3 cells[1].
Targets(IC <sub>50</sub> )	VHL: None

## Solubility Information

Solubility	< 1 mg/ml refers to the product slightly soluble or insoluble
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## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.836 mL	9.181 mL	18.362 mL
5 mM	0.367 mL	1.836 mL	3.672 mL
10 mM	0.184 mL	0.918 mL	1.836 mL
50 mM	0.037 mL	0.184 mL	0.367 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 °C for 6 months; - 20 °C for 1 month. Please use it as soon as possible.

## Reference

1. Buckley DL, et al. HaloPROTACS: Use of Small Molecule PROTACs to Induce Degradation of HaloTag Fusion Proteins. ACS Chem Biol. 2015 Aug 21;10(8):1831-7.

Inhibitors · Natural Compounds · Compound Libraries

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