(S,R,S)-AHPC-3-methylbutanyl acetate-methanesulfonothioate-Me-C10-NH2 TFA

Cat. No.: HY-138551A

CAS No.: 2417370-89-7

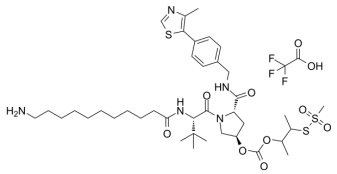
Molecular Formula: $C_{41}H_{62}F_3N_5O_{10}S_3$

Molecular Weight: 938.15

Target: E3 Ligase Ligand-Linker Conjugates

Pathway: PROTAC

Storage: 4°C, protect from light, stored under nitrogen
* In solvent : -80°C, 6 months; -20°C, 1 month (protect from light, stored under nitrogen)



SOLVENT & SOLUBILITY

In Vitro

DMSO : 100 mg/mL (106.59 mM; Need ultrasonic)

Preparing Stock Solutions	Mass / Solvent / Concentration	1 mg	5 mg	10 mg
	1 mM	1.0659 mL	5.3296 mL	10.6593 mL
	5 mM	0.2132 mL	1.0659 mL	2.1319 mL
	10 mM	0.1066 mL	0.5330 mL	1.0659 mL

Please refer to the solubility information to select the appropriate solvent.

BIOLOGICAL ACTIVITY

Description

(S,R,S)-AHPC-3-methylbutanyl acetate-methanesulfonothioate-Me-C10-NH2 TFA is a synthesized E3 ligase ligand-linker conjugate that incorporates the (S,R,S)-AHPC ligand, it can be used in PROTAC technology[1].

REFERENCES

[1]. Chan KH, et al. Impact of Target Warhead and Linkage Vector on Inducing Protein Degradation: Comparison of Bromodomain and Extra-Terminal (BET) Degraders Derived from Triazolodiazepine (JQ1) and Tetrahydroquinoline (I-BET726) BET Inhibitor Scaffolds. J Med Chem. 2018 Jan 25;61(2):504-513.

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