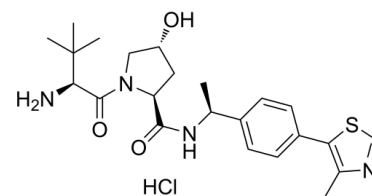


Data Sheet

| | |
|---------------------------|--|
| Product Name: | (S,R,S)-AHPC-Me (hydrochloride) |
| Cat. No.: | CS-7731 |
| CAS No.: | 1948273-03-7 |
| Molecular Formula: | C ₂₃ H ₃₃ ClN ₄ O ₃ S |
| Molecular Weight: | 481.05 |
| Target: | Ligands for E3 Ligase |
| Pathway: | PROTAC |
| Solubility: | DMSO : ≥ 63 mg/mL (130.96 mM); H ₂ O : 100 mg/mL (207.88 mM; Need ultrasonic) |



BIOLOGICAL ACTIVITY:

(S,R,S)-AHPC-Me hydrochloride (VHL ligand 2 hydrochloride) is the (S,R,S)-AHPC-based VHL ligand used in the recruitment of the von Hippel-Lindau (VHL) protein^[1]. (S,R,S)-AHPC-Me hydrochloride can be used to synthesize ARV-771, a von Hippel-Lindau (VHL) E3 ligase-based BET PROTAC degrader. ARV-771 potently degrades BET protein in castration-resistant prostate cancer (CRPC) cells with a DC₅₀ < 1 nM^[2]. IC₅₀ & Target: Ligand for E3 Ligase^[1]

References:

[1]. WO/2017/030814A1

[2]. Raina K, et al. PROTAC-induced BET protein degradation as a therapy for castration-resistant prostate cancer. Proc Natl Acad Sci U S A. 2016 Jun 28;113(26):7124-9.

CAIndexNames:

L-Prolinamide, 3-methyl-L-valyl-4-hydroxy-N-[(1S)-1-[4-(4-methyl-5-thiazolyl)phenyl]ethyl]-, hydrochloride (1:1), (4R)-

SMILES:

N[C@@H](C(C)C)C(N1[C@H](C(N[C@@H](C)C2=CC=C(C3=C(C)N=CS3)C=C2)=O)C[C@@H](O)C1)=O.Cl

Caution: Product has not been fully validated for medical applications. For research use only.

Tel: 610-426-3128

Fax: 888-484-5008

E-mail: sales@ChemScene.com

Address: 1 Deer Park Dr, Suite Q, Monmouth Junction, NJ 08852, USA