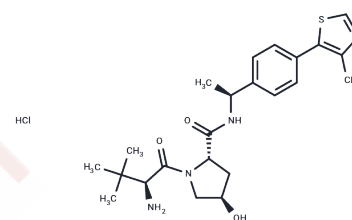


(S,R,S)-AHPC-Me hydrochloride

Chemical Properties

CAS No. :	1948273-03-7
Formula:	C ₂₃ H ₃₃ ClN ₄ O ₃ S
Molecular Weight:	481.05
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-Me hydrochloride (VHL ligand 2 hydrochloride) is utilized in the synthesis of ARV-771, a potent BET protein degrader. It selectively degrades BET protein in castration-resistant cells with a DC ₅₀ <1 nM. Recognized as VHL ligand 2 hydrochloride, it serves as the VHL ligand from (S,R,S)-AHPC for recruiting von Hippel-Lindau (VHL) protein.
Targets(IC ₅₀)	Ligand for E3 Ligase

Solubility Information

Solubility	DMSO: 62 mg/mL (128.88 mM), Sonication is recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble)
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.0788 mL	10.3939 mL	20.7879 mL
5 mM	0.4158 mL	2.0788 mL	4.1576 mL
10 mM	0.2079 mL	1.0394 mL	2.0788 mL
50 mM	0.0416 mL	0.2079 mL	0.4158 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

WO/2017/030814A1

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.

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