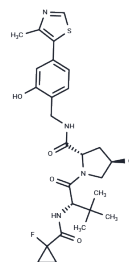


VH 101, phenol

Chemical Properties

CAS No. :	2306193-99-5
Formula:	C ₂₆ H ₃₃ FN ₄ O ₅ S
Molecular Weight:	532.63
Storage:	Keep away from direct sunlight Powder: -20°C for 3 years In solvent: -80°C for 1 year <i>Actual storage temperature shall be subject to the COA.</i>



Biological Description

Description	VH 101, phenol is a VHL ligand based on VH032. It is able to utilize linkers to ligands of target proteins to yield PROTAC molecules such as PROTAC 1. PROTAC 1 is a partial degrader of SMARCA2 and SMARCA4.
Targets(IC50)	Ligands for E3 Ligase, PROTAC Linker

Solubility Information

Solubility	DMSO: 80 mg/mL (150.2 mM), Sonication is recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble)
In vivo Formulation	10% DMSO+40% PEG300+5% Tween 80+45% Saline: 3.3 mg/mL (6.2 mM), Sonication is recommended. <i>Please add the solvents sequentially, clarifying the solution as much as possible before adding the next one. Dissolve by heating and/or sonication if necessary. Working solution is recommended to be prepared and used immediately. The formulation provided above is for reference purposes only. In vivo formulations may vary and should be modified based on specific experimental conditions.</i>

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.8775 mL	9.3874 mL	18.7748 mL
5 mM	0.3755 mL	1.8775 mL	3.755 mL
10 mM	0.1877 mL	0.9387 mL	1.8775 mL
50 mM	0.0375 mL	0.1877 mL	0.3755 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

Farnaby W, et al. BAF complex vulnerabilities in cancer demonstrated via structure-based PROTAC design. Nat Chem Biol. 2019 Jul;15(7):672-680.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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