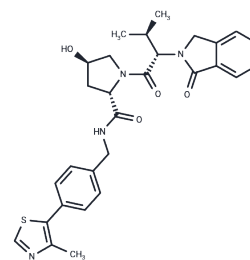


VL285

Chemical Properties

CAS No. :	1448188-57-5
Formula:	C ₂₉ H ₃₂ N ₄ O ₅
Molecular Weight:	532.65
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	VL285 is a potent VHL ligand, degrading HaloTag7 fusion proteins.
Targets(IC50)	Ligands for E3 Ligase

Solubility Information

Solubility	DMSO: 53.26 mg/mL (99.99 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: 2 mg/mL (3.75 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	1.8774 mL	9.387 mL	18.7741 mL
5 mM	0.3755 mL	1.8774 mL	3.7548 mL
10 mM	0.1877 mL	0.9387 mL	1.8774 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

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.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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