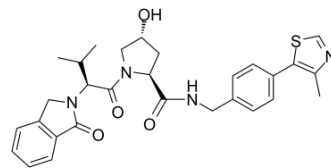


VL285

Cat. No.:	HY-111663		
CAS No.:	1448188-57-5		
Molecular Formula:	C ₂₉ H ₃₂ N ₄ O ₄ S		
Molecular Weight:	532.65		
Target:	Ligand for E3 Ligase		
Pathway:	PROTAC		
Storage:	Powder	-20°C	3 years
		4°C	2 years
	In solvent	-80°C	6 months
		-20°C	1 month



SOLVENT & SOLUBILITY

In Vitro

DMSO : 125 mg/mL (234.68 mM; Need ultrasonic)

Preparing Stock Solutions	Solvent Concentration	Mass		
		1 mg	5 mg	10 mg
	1 mM	1.8774 mL	9.3870 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

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

In Vivo

- Add each solvent one by one: **10% DMSO >> 90% corn oil**
Solubility: ≥ 2.08 mg/mL (3.91 mM); Clear solution
- Add each solvent one by one: **10% DMSO >> 40% PEG300 >> 5% Tween-80 >> 45% saline**
Solubility: ≥ 2.08 mg/mL (3.91 mM); Clear solution
- Add each solvent one by one: **10% DMSO >> 90% (20% SBE-β-CD in saline)**
Solubility: ≥ 2.08 mg/mL (3.91 mM); Clear solution

BIOLOGICAL ACTIVITY

Description

VL285 is a potent VHL ligand.

IC₅₀ & Target

VHL^[1]

REFERENCES

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

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