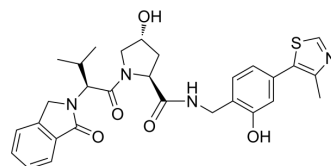


## VL285 Phenol

Cat. No.:	HY-151227		
CAS No.:	1448188-69-9		
Molecular Formula:	C <sub>29</sub> H <sub>32</sub> N <sub>4</sub> O <sub>5</sub> S		
Molecular Weight:	548.65		
Target:	Others		
Pathway:	Others		
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 : 100 mg/mL (182.27 mM; Need ultrasonic)

Concentration	Mass		
	1 mg	5 mg	10 mg
1 mM	1.8227 mL	9.1133 mL	18.2266 mL
5 mM	0.3645 mL	1.8227 mL	3.6453 mL
10 mM	0.1823 mL	0.9113 mL	1.8227 mL

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

### BIOLOGICAL ACTIVITY

#### Description

VL285 Phenol is a VL285 analogue with Phenol group. VL285, a small molecule VHL ligand, can be served as a degrader for HaloPROTAC3 synthesis. VL285 degrades HaloTag7 fusion proteins (IC<sub>50</sub>=0.34 μM)<sup>[1]</sup>.

#### In Vitro

VL285 (100 μM; 24 h) attenuates the ability of HaloPROTAC3 to induce the degradation of GFP-HaloTag7<sup>[1]</sup>. MCE has not independently confirmed the accuracy of these methods. They are for reference only.

### REFERENCES

- [1]. 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.
- [2]. 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.

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

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