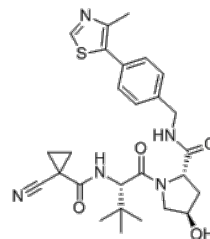


**Product Name** : VH298  
**Cat. No.** : PC-61056  
**CAS No.** : 2097381-85-4  
**Molecular Formula** : C<sub>27</sub>H<sub>33</sub>N<sub>5</sub>O<sub>4</sub>S  
**Molecular Weight** : 523.652  
**Target** : E3 Ligase Ligand  
**Solubility** : 10 mM in DMSO



### Biological Activity

VH 298 is a potent, specific cell-active **VHL E3 ubiquitin ligase** inhibitor that inhibits VHL/HIF- $\alpha$  interaction with K<sub>d</sub> of 90 nM in ITC assays.

VH 298 selectively engages VHL as its prime cellular target and is not toxic to cells, induces concentration- and time-dependent on-target specific accumulation of hydroxylated HIF- $\alpha$  in human cell lines.

VH 298 induces HIF transcriptional activity and upregulates HIF-dependent response gene products, elicits a HIF-dependent hypoxic response in various cell lines.

### References

Soares P, et al. *J Med Chem.* 2017 Sep 18. doi: 10.1021/acs.jmedchem.7b00675.

Frost J, et al. *Nat Commun.* 2016 Nov 4;7:13312.

**Caution: Product has not been fully validated for medical applications. Lab Use Only!**

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