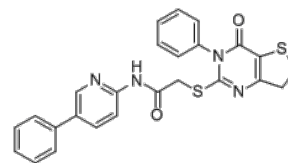


**Product Name** : IWP-L6  
**Cat. No.** : PC-49489  
**CAS No.** : 1427782-89-5  
**Molecular Formula** : C<sub>25</sub>H<sub>20</sub>N<sub>4</sub>O<sub>2</sub>S<sub>2</sub>  
**Molecular Weight** : 472.58  
**Target** : Porcupine  
**Solubility** : 10 mM in DMSO



### Biological Activity

IWP-L6 is a potent, selective inhibitor of **Porcupine** with EC<sub>50</sub> of 0.5 nM.

IWP-L6 effectively suppressed the phosphorylation of dishevelled 2 (Dvl2) in HEK293 cells, a biochemical event associated with many Wnt-dependent cellular responses.

IWP-L6 inhibits Wnt mediated branching morphogenesis in cultured embryonic kidneys.

### References

Wang, X., et al., et al. *J Med Chem*, 2013. 56(6): p. 2700-4.

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

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