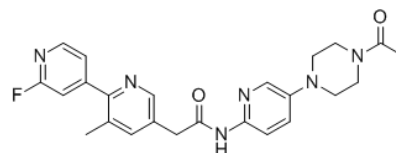


**Product Name** : GNF-6231  
**Cat. No.** : PC-42139  
**CAS No.** : 1243245-18-2  
**Molecular Formula** : C<sub>24</sub>H<sub>25</sub>FN<sub>6</sub>O<sub>2</sub>  
**Molecular Weight** : 448.4927  
**Target** : Porcupine  
**Solubility** : DMSO: ≥ 36 mg/mL



## Biological Activity

GNF-6231 (GNF6231) is a potent, selective and orally bioavailable **Porcupine** (PORCN) inhibitor with IC<sub>50</sub> of 0.8 nM. GNF-6231 has no appreciable activities for more than 200 off-targets, and IC<sub>50</sub> of >10 uM against all CYP isoforms. GNF-6231 reduces Axin2 mRNA levels and inhibits Wnt secretion and pathway activation, induces robust antitumor efficacy in a mouse MMTV-WNT1 xenograft tumor model.

## References

Cheng D., et al. *ACS Med Chem Lett.* 2016 May 10;7(7):676-80.

Bastakoty D, et al. *Cell Stem Cells Regen Med.* 2016 Nov;2(2).

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

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