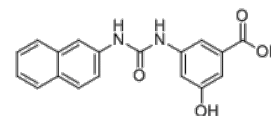


**Product Name** : FzM1.8  
**Cat. No.** : PC-60975  
**CAS No.** : 2204290-85-5  
**Molecular Formula** : C<sub>18</sub>H<sub>14</sub>N<sub>2</sub>O<sub>4</sub>  
**Molecular Weight** : 322.32  
**Target** : Frizzled  
**Solubility** : 10 mM in DMSO



### Biological Activity

FzM1.8 is a small molecule, allosteric agonist of the Frizzled receptor **Fzd4** with pEC<sub>50</sub> of 6.4, potentiates  $\beta$ -catenin pathway in the absence of any WNT ligand.

FzM1.8 biases FZD4 signaling toward a FZD4/PI3K axis that culminates into transactivation of  $\beta$ -catenin/TCF activity by the histone acetyltransferase CBP/p300.

FzM1.8 preserves stemness and promotes proliferation of undifferentiated cells.

### References

Riccio G, et al. *Biochemistry*. 2018 Jan 2. doi: 10.1021/acs.biochem.7b01087.

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

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