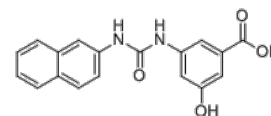


Product Name : FzM1.8
Cat. No. : PC-60975
CAS No. : 2204290-85-5
Molecular Formula : C₁₈H₁₄N₂O₄
Molecular Weight : 322.32
Target : Frizzled
Solubility : 10 mM in DMSO



Biological Activity

FzM1.8 is a small molecule, allosteric agonist of the Frizzled receptor **Fzd4** with pEC₅₀ of 6.4, potentiates β -catenin pathway in the absence of any WNT ligand.

FzM1.8 biases FZD4 signaling toward a FZD4/PI3K axis that culminates into transactivation of β -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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