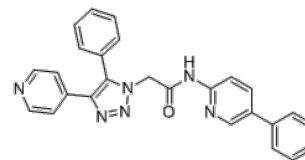


Product Name : IWP-O1
Cat. No. : PC-62803
CAS No. : 2074607-48-8
Molecular Formula : C₂₆H₂₀N₆O
Molecular Weight : 432.487
Target : Porcupine
Solubility : 10 mM in DMSO



Biological Activity

IWP-O1 is a highly potent **Porcupine** (Porcn) inhibitor with EC₅₀ of 80 pM in L-Wnt-STF cells, effectively suppresses the phosphorylation of Dvl2/3 and LRP6 in HeLa cells.

IWP-O1 suppresses Wnt signaling in L-Wnt-STF cells with an EC₅₀ value of 80 pM, 2.5 times more active than LGK974.

IWP-O1 exhibits significantly improved metabolic stability, and suitable for model studies in mice.

References

You L, et al. *Bioorg Med Chem Lett*. 2016 Dec 15;26(24):5891-5895.

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

E-mail: tech@probechem.com