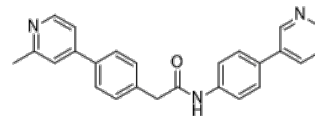


Product Name : Wnt-C59
Cat. No. : PC-25210
CAS No. : 1243243-89-1
Molecular Formula : C₂₅H₂₁N₃O
Molecular Weight : 379.46
Target : Porcupine
Solubility : 10 mM in DMSO



Biological Activity

Wnt-C59 (C59) is a highly potent and orally active Porcupine (PORCN) inhibitor, inhibits WNT3A-mediated activation with IC₅₀ of 74 pM.

C59 inhibits the activity of all splice variants of murine PORCN.

C59 inhibits PORCN acyltransferase activity and blocks activation of all evaluated human Wnts.

C59 blocked progression of mammary tumors in MMTV-WNT1 transgenic mice while downregulating Wnt/ β -catenin target genes.

References

Proffitt KD, et al. Cancer Res. 2013 Jan 15;73(2):502-7.

Cheng Y, et al. Oncotarget. 2015 Jun 10;6(16):14428-39.

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

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