
IWP-O1

产品编号: D51500

CAS: 2074607-48-8

分子式: C₂₆H₂₀N₆O

纯度: ≥98%

InChi: InChi=1S/C₂₆H₂₀N₆O/c33-24(29-23-12-11-22(17-28-23)19-7-3-1-4-8-19)18-32-26(21-9-5-2-6-10-21)25(30-31-32)20-13-15-27-16-14-20/h1-17H,18H2,(H,28,29,33)

InChi Key: GYYDQHBKIHQHEB-UHFFFAOYSA-N

Smiles: O=C(CN1N=NC(=C1C1C=CC=CC=1)C1C=CN=CC=1)NC1C=CC(=CN=1)C1C=CC=CC=1

外观: 固体粉末

作用通路: Porcupine

溶解性: Soluble in DMSO

保存条件: Store in dry, dark place for one year.

产品介绍: IWP-O1 is highly potent Porcn inhibitor, The acyltransferase Porcupine (Porcn) is essential for the secretion of Wnt proteins which contribute to embryonic development, tissue regeneration, and tumorigenesis. IWP-O1 has an EC₅₀ value of 80pM in a cultured cell reporter assay of Wnt signaling. Additionally, IWP-O1 has significantly improved metabolic stability over our previously reported Porcn inhibitors.