
PF-5274857

产品编号: D60667

CAS: 1373615-35-0

分子式: C₂₀H₂₅ClN₄O₃S

纯度: 98%

InChi Key: InChiKey=BBVNTTZIOTWDSV-UHFFFAOYSA-N

Smiles: CC1=CC(=C(N=C1)C2=CC(=NC=C2Cl)N3CCN(CC3)C(=O)CCS(=O)(=O)C)C

外观: 固体粉末

作用通路: StemCells

作用靶点: Smo

溶解性: Soluble in DMSO、H₂O

保存条件: -20°C

产品介绍: PF-5274857 (PF-5274857 free base) is an effective and selective hedgehog signaling pathway inhibitor (IC₅₀: 5.8 nM and a K_i: 4.6 nM). PF-5274857 is a potentially attractive clinical candidate for the treatment of tumor types including brain tumors and brain metastasis driven by an activated Hh pathway. PF-5274857 was found to effectively penetrate the blood-brain barrier and inhibit Smo activity in the brain of primary medulloblastoma mice, resulting in improved animal survival rates. PF-5274857 was orally available and metabolically stable in vivo.