
RP-6685

产品编号: D56850

CAS: 2832047-80-8

分子式: C₂₂H₁₄F₇N₅O

纯度: 98.34%

InChi Key: InChIKey=LHFFKHVGAKIDNO-UHFFFAOYSA-N

Smiles: O=C(N(C1=CC=C(F)C=C1)CC#CC2=NN=C(N)C=C2)CC3=NC=C(C=C3C(F)(F)F)C(F)(F)F

外观: 固体粉末

作用通路: Cell Cycle/Checkpoint;DNA Damage/DNA Repair

作用靶点: DNA/RNA Synthesis

溶解性: DMSO: 112.5mg/mL (226.2mM; Need ultrasonic)

保存条件: Powder: -20°C for 3 years | In solvent: -80°C for 1 year

产品介绍: RP-6685 is a potent, selective and orally active DNA polymerase theta (Polθ) inhibitor with an IC₅₀ value of 5.8 nM (PicoGreen assay). RP-6685 shows antitumor efficacy in mouse tumor xenograft model.