
GSK-2606414

产品编号: D51165

CAS: 1337531-36-8

分子式: C₂₄H₂₀F₃N₅O

纯度: ≥98%

InChi: InChi=1S/C₂₄H₂₀F₃N₅O/c1-31-12-18(21-22(28)29-13-30-23(21)31)15-5-6-19-16(11-15)7-8-32(19)20(33)10-14-3-2-4-17(9-14)24(25,26)27/h2-6,9,11-13H,7-8,10H2,1H3,(H2,28,29,30)

InChi Key: SIXVRXARNAVBTC-UHFFFAOYSA-N

Smiles: CN1C=C(C2C(N)=NC=NC1=2)C1=CC=C2C(CCN2C(=O)CC2=CC(=CC=C2)C(F)(F)F)=C1

外观: 固体粉末

作用通路: Apoptosis

溶解性: DMSO: 90 mg/mL(199.36 mM).

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

产品介绍: GSK-2606414 is an orally available, potent, and selective PERK inhibitor. GSK-2606414 inhibits PERK activation in cells and inhibits the growth of a human tumor xenograft in mice. Protein kinase R (PKR)-like endoplasmic reticulum kinase (PERK) is activated in response to a variety of endoplasmic reticulum stresses implicated in numerous disease states. Evidence that PERK is implicated in tumorigenesis and cancer cell survival stimulated our search for small molecule inhibitors.