
GSK-25

产品编号: D51434

CAS: 874119-56-9

分子式: C₂₄H₁₆Cl₂F₂N₆O

纯度: ≥98%

InChi: InChi=1S/C₂₄H₁₆Cl₂F₂N₆O/c1-11-21(24(35)32-19-6-13-10-30-34-18(13)9-17(19)28)22(15-3-2-14(25)8-16(15)27)33-23(31-11)12-4-5-29-20(26)7-12/h2-10,22H,1H3,(H,30,34)(H,31,33)(H,32,35)

InChi Key: KZYAHEIPPAPADQ-UHFFFAOYSA-N

Smiles: CC1NC(=NC(C=1C(=O)NC1C=C2C=NNC2=CC=1F)C1C=CC(Cl)=CC=1F)C1=CC(Cl)=NC=C1

外观: 固体粉末

作用通路: Ribosomal S6 Kinase (RSK)

溶解性: DMSO: 100 mg/mL (194.81 mM)

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

产品介绍: GSK-25 is a potent, selective and orally bioavailable ROCK1 inhibitor (IC₅₀=7 nM). GSK-25 maintains good selectivity against a panel of 31 kinases (>100 fold), as well as RSK1 and p70S6K (RSK1: IC₅₀=398 nM, p70S6K: IC₅₀=1 μM). GSK-25 inhibits P450 profile (IC₅₀s of 2.5, 5.2, 2.5 μM for CYP2C9, CYP2D6, CYP3A4, respectively).