
Afuresertib

产品编号: D51371

CAS: 1047644-62-1

分子式: C₁₈H₁₇Cl₂FN₄OS

纯度: ≥98%

InChi: InChi=1S/C₁₈H₁₇Cl₂FN₄OS/c1-25-16(14(19)9-23-25)13-7-15(27-17(13)20)18(26)24-12(8-22)6-10-3-2-4-11(21)5-10/h2-5,7,9,12H,6,8,22H₂,1H₃, (H,24,26)/t12-/m0/s1

InChi Key: AFJRDFWMXUECEW-LBPRGKRZSA-N

Smiles: CN1N=CC(Cl)=C1C1C=C(SC=1Cl)C(=O)N[C@H](CN)CC1=CC(F)=CC=C1

外观: 固体粉末

作用通路: Akt

溶解性: Soluble in DMSO, not in water

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

产品介绍: Afuresertib, also known as GSK-2110183 or GSK-2110183C, is an orally bioavailable inhibitor of the serine/threonine protein kinase Akt (protein kinase B) with potential antineoplastic activity. Afuresertib binds to and inhibits the activity of Akt, which may result in inhibition of the PI3K/Akt signaling pathway and tumor cell proliferation and the induction of tumor cell apoptosis. Activation of the PI3K/Akt signaling pathway is frequently associated with tumorigenesis