
Afuresertib HCl

产品编号: D51418

CAS: 1047645-82-8

分子式: C₁₈H₁₈Cl₃FN₄OS

纯度: ≥98%

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

InChi Key: YFQJOPFTGMHYNV-YDALLXLXSA-N

Smiles: Cl.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 GSK2110183, is an orally bioavailable inhibitor of the serine/threonine protein kinase Akt (protein kinase B) with potential antineoplastic activity. Akt inhibitor GSK2110183 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 and dysregulated PI3K/Akt signaling may contribute to tumor resistance to a variety of antineoplastic agents.