
BLU-9931

产品编号: D51115

CAS: 1538604-68-0

分子式: $C_{26}H_{22}Cl_2N_4O_3$

纯度: $\geq 98\%$

InChi: InChI=1S/C26H22Cl2N4O3/c1-5-21(33)30-18-8-6-7-14(2)25(18)32-26-29-13-16-11-15(9-10-17(16)31-26)22-23(27)19(34-3)12-20(35-4)24(22)28/h5-13H,1H2,2-4H3,(H,30,33)(H,29,31,32)

InChi Key: TXEBNKKOLVBTFK-UHFFFAOYSA-N

Smiles: CC1=CC=CC(NC(=O)C=C)=C1NC1=NC2=CC=C(C=C2C=N1)C1C(Cl)=C(C=C(OC)C=1Cl)OC

外观: 固体粉末

作用通路: FGFR

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: BLU-9931 is a potent and irreversible small-molecule inhibitor of FGFR4, as a targeted therapy to treat patients with HCC whose tumors have an activated FGFR4 signaling pathway. BLU-9931 is exquisitely selective for FGFR4 versus other FGFR family members and all other kinases. BLU-9931 shows remarkable antitumor activity in mice bearing an HCC tumor xenograft that overexpresses FGF19 due to amplification as well as a liver tumor xenograft that overexpresses FGF19 mRNA but lacks FGF19 amplification. Approximately one third of patients with HCC whose tumors express FGF19 together with FGFR4 and its coreceptor klotho β (KLB) could potentially respond to treatment with an FGFR4 inhibitor.

用途: BLU9931是一种有效的, 选择性的和不可逆的 FGFR4 抑制剂, IC50 分别为3 nM。