
CHIR99021 HCl

产品编号: D51483

CAS: 1797989-42-4

分子式: C₂₂H₁₉Cl₃N₈

纯度: ≥98%

InChi: InChI=1S/C22H18Cl2N8.ClH/c1-13-10-29-21(31-13)17-12-30-22(32-20(17)16-4-3-15(23)8-18(16)24)27-7-6-26-19-5-2-14(9-25)11-28-19;/h2-5,8,10-12H,6-7H2,1H3,(H,26,28)(H,29,31)(H,27,30,32);1H

InChi Key: SCQDMKUZHIGAIB-UHFFFAOYSA-N

Smiles: Cl.CC1=CNC(=N1)C1=CN=C(NCCNC2C=CC(=CN=2)C#N)N=C1C1C=CC(Cl)=CC=1Cl

外观: 固体粉末

作用通路: Autophagy

溶解性: Soluble in DMSO

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

产品介绍: CHIR99021, also known as CT99021, is a glycogen synthase kinase 3β (GSK3β) inhibitor that has antiproliferative activity in vitro and in vivo. CHIR99021 inhibits GSK-3 with IC₅₀ at 7 nM. In a series of carcinoma cell lines, the IC₅₀ of CHIR99021 for proliferation is about 10μM.