
CGK733

产品编号: D51030

CAS: 905973-89-9

分子式: C₂₃H₁₈Cl₃FN₄O₃S

纯度: ≥98%

InChi: InChI=1S/C₂₃H₁₈Cl₃FN₄O₃S/c24-23(25,26)21(30-22(35)28-16-11-12-17(27)18(13-16)31(33)34
)29-20(32)19(14-7-3-1-4-8-14)15-9-5-2-6-10-15/h1-13,19,21H,(H,29,32)(H₂,28,30,35)

InChi Key: HLC DN LNLQ NYZTK-UHFFFAOYSA-N

Smiles: [O-][N+](=O)C1C=C(C=CC=1F)NC(=S)NC(NC(=O)C(C1=CC=CC=C1)C1=CC=CC=C1)C(Cl)(Cl)Cl

外观: 固体粉末

作用通路: ATM/ATR

溶解性: 10 mM in DMSO

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

产品介绍: CGK733 is an ATM inhibitor and ATR inhibitor, which significantly enhanced taxol-induced cytotoxicity in HBV-positive HepG2.2.15 cells. The mechanism lies in CGK733 triggers the formation of multinucleated cells thus promotes the premature mitotic exit of taxol-induced mitotic-damaged cells through multinucleation and mitotic catastrophe in HBV-positive HepG2.2.15 cells. These results suggest that CGK733 could potentially reverse the taxol resistance in HBV-positive HCC cells and may suggest a novel strategy to treat HBV-infected HCC patients.