
STL127705

产品编号: D55906

CAS: 1326852-06-5

分子式: C₂₂H₂₀FN₅O₄

纯度: 98.84%

InChi Key: InChIKey=FPVFCXYTLUJPQJ-UHFFFAOYSA-N

Smiles: COc1ccc(CCNC2ncc3c(n2)[nH]c(=O)n(-c2cccc(F)c2)c3=O)cc1OC

外观: 固体粉末

作用通路: DNA Damage/DNA Repair; PI3K/Akt/mTOR signaling

作用靶点: DNA-PK

溶解性: DMSO: 60 mg/ml (137.17 mM); H₂O: < 0.1 mg/mL (insoluble)

保存条件: Powder: -20°C for 3 years | In solvent: -80°C for 1 year

产品介绍: STL127705 is a potent Ku 70/80 heterodimer protein inhibitor and inhibits Ku70/80-DNA interaction with IC₅₀ of 3.5 μM. STL127705 inhibits the activation of Ku-dependent DNA-PKCS kinase with IC₅₀ of 2.5 μM.