
PKC-IN-1

产品编号: D51377

CAS: 1046787-18-1

分子式: C₂₅H₃₇FN₈O₂

纯度: ≥98%

InChi: InChI=1S/C₂₅H₃₇FN₈O₂/c1-15-12-33(16(2)11-32(15)13-18-6-8-36-9-7-18)24(35)34-14-19-21(25(34,4)5)30-31-22(19)29-23-20(26)10-27-17(3)28-23/h10,15-16,18H,6-9,11-14H2,1-5H3,(H2,27,28,29,30,31)/t15-,16+/m1/s1

InChi Key: DKXZBPBWIGORKP-CVEARBPZSA-N

Smiles: CC1N=C(NC2=NNC3=C2CN(C(=O)N2C[C@@H](C)N(CC4CCOCC4)C[C@@H]2C)C3(C)C)C(F)=CN=1

外观: 固体粉末

作用通路: PKC

溶解性: Soluble in DMSO

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

产品介绍: PKC-IN-1 is a potent, ATP-competitive and reversible inhibitor of conventional PKC enzymes with Kis of 5.3 and 10.4 nM for human PKCβ and PKCα, and IC50s of 2.3, 8.1, 7.6, 25.6, 57.5, 314, 808 nM for PKCα, PKCβI, PKCβII, PKCθ, PKCγ, PKC mu and PKCε, respectively.