
DCLK1-IN-1

产品编号: D51697

CAS: 2222635-15-4

分子式: C₂₆H₂₈F₃N₇O₂

纯度: ≥98%

InChi: InChi=1S/C₂₆H₂₈F₃N₇O₂/c1-33-10-12-35(13-11-33)17-8-9-19(22(14-17)38-3)31-25-30-15-21-23(32-25)34(2)20-7-5-4-6-18(20)24(37)36(21)16-26(27,28)29/h4-9,14-15H,10-13,16H2,1-3H3,(H,30,31,32)

InChi Key: OQFCHSFVWSLDAO-UHFFFAOYSA-N

Smiles: CN1CCN(CC1)C1=CC(OC)=C(C=C1)NC1=NC2=C(C=N1)N(CC(F)(F)F)C(=O)C1C=CC=CC=1N2C

外观: 固体粉末

作用通路: Others

溶解性: Soluble in DMSO

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

产品介绍: DCLK1-IN-1, also known as OUN35154, is a selective, oral bioavailability in vivo-compatible chemical probe of the doublecortin like kinase 1 (DCLK1 kinase) domain. CLK1-IN-1 inhibits DCLK1 and DCLK2 kinases (IC₅₀: DCLK1=9.5/57.2 nM and DCLK2=31/103 nM in binding and kinase assay, respectively). DCLK1-IN-1 will serve as a versatile tool to study DCLK1 biol. and establish its role in cancer.