
CLK1-IN-3

产品编号: D58223

CAS: 2922550-28-3

分子式: C₂₄H₂₃FN₆O

纯度: 99.79%

InChi Key: InChIKey=LQKHTRXKHPHEPP-UHFFFAOYSA-N

Smiles: O=C(NC=1C=NC=2NC=C(C=3C=NC=C(F)C3)C2C1)C4=CC=C(C=C4)N5CCN(C)CC5

外观: 固体粉末

作用通路: Cell Cycle/Checkpoint;Tyrosine Kinase/Adaptors;Autophagy

作用靶点: CDK;DYRK;Autophagy

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

产品介绍: Clk1-in-3 is a + selective and highly potent sexual Clk1 inhibitor with an IC₅₀ of 5 nM and 300 pairs higher affinity than Dyrk1A. CLK1-IN-3 also showed highly effective inhibition of Clk2 and Clk4, with IC₅₀ values of 42 and 108 nM, respectively. CLK1-IN-3 is effective in inducing autophagy in vitro and can be used for prevention and human treatment of acute liver injury (ALI).