
TDI-10229

产品编号: D55259

CAS: 2810887-45-5

分子式: C₁₆H₁₆ClN₅

纯度: 97.77%

InChi Key: InChiKey=VSMTYSWGHKXOF-UHFFFAOYSA-N

Smiles: ClC1=NC(=NC(=C1)C2=NN(C(=C2CC=3C=CC=CC3)C)C)N

外观: 固体粉末

作用通路: GPCR/G Protein

作用靶点: cAMP

溶解性: DMSO : 112.5 mg/mL (358.5 mM; Need ultrasonic)

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

产品介绍: TDI-10229 is a potent and orally available inhibitor of soluble adenylyl cyclase (sAC, ADCY10). TDI-10229 displays nanomolar inhibition of sAC in both biochemical and cellular assays (IC₅₀= 195 nM). TDI-10229 exhibits mouse pharmacokinetic properties sufficient to warrant its use as an in vivo tool compound.