
A 1070722

产品编号: D58808

CAS: 1384424-80-9

分子式: C₁₇H₁₃F₃N₄O₂

纯度: 99.78%

InChi Key: InChIKey=VQPBIJGXSXEOCU-UHFFFAOYSA-N

Smiles: COc1ccc(c(NC(Nc2cccc(C(F)(F)F)n2)=O)ccn2)c2c1

外观: 固体粉末

作用通路: PI3K/Akt/mTOR signaling; Stem Cells

作用靶点: GSK-3

溶解性: DMSO: 83.33 mg/mL (230.00 mM)

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

产品介绍: A 1070722 is a potent and selective GSK-3 inhibitor, shows high affinity GSK-3 α (K_i = 0.6 nM) and GSK-3 β (K_i = 0.6 nM). It can penetrate the blood-brain barrier (BBB) and accumulates in brain regions, thus potential for PET radiotracer for the quantification of GSK-3 in brain.