
A01

产品编号: D50910

CAS: 1007647-73-5

分子式: C₂₂H₂₀ClF₃N₄O₃S

纯度: ≥98%

InChi: InChi=1S/C₂₂H₂₀ClF₃N₄O₃S/c1-15-8-9-27-30(15)17-4-2-16(3-5-17)21(31)28-10-12-29(13-11-28)34(32,33)18-6-7-20(23)19(14-18)22(24,25)26/h2-9,14H,10-13H₂,1H₃

InChi Key: QFYLTUDRXBNZFQ-UHFFFAOYSA-N

Smiles: CC1=CC=NN1C1C=CC(=CC=1)C(=O)N1CCN(CC1)S(=O)(=O)C1=CC(=C(Cl)C=C1)C(F)(F)F

外观: 固体粉末

作用通路: Others

溶解性: DMSO up to 100 mM

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

产品介绍: A01 is a potent and selective Smurf1 E3 ubiquitin ligase inhibitor with K_d ~3.7 nM. It attenuates Smurf1-mediated Smad 1/5 degradation and enhances BMP signaling. It also potentiates BMP-2-induced osteoblastic activity in C2C12 myoblasts and MC3T3-E1 osteoblast precursor cells.