
AMG 511

产品编号: D55243

CAS: 1253573-53-3

分子式: C₂₂H₂₈FN₉O₃S

纯度: 98%

InChi Key: InChiKey=KUGIFHQBIHRIZ-CYBMUJFWSA-N

Smiles: C[C@H](c(cc1-c2nc(N)nc(C)n2)cnc1Nc(cc1F)cnc1OC)N(CC1)CCN1S(C)(=O)=O

外观: 固体粉末

作用通路: PI3K/Akt/mTOR signaling

作用靶点: PI3K

溶解性: DMSO:33.33 mg/mL (64.40 mM; Need ultrasonic)

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

产品介绍: AMG 511 is a potent and orally available pan inhibitor of class I PI3Ks (K_is of 4 nM, 6 nM, 2 nM and 1 nM for PI3K α , β , δ and γ , respectively). It exhibits anti-tumor activity in mouse glioblastoma xenograft model[1]. AMG 511 significantly suppresses PI3K signaling that is indicated by p-Akt (Ser473) decrease.