
SAR405

产品编号: D61046

CAS: 1523406-39-4

分子式: C₁₉H₂₁ClF₃N₅O₂

纯度: 98%

InChi Key: InChIKey=SPDQRCUBFSRAFI-DOMZBBRYSA-N

Smiles: O=C1C=C(N2[C@H](C)COCC2)N=C3N(CC4=CC(Cl)=CN=C4)[C@H](C(F)(F)F)CCN31

外观: 固体粉末

作用通路: Autophagy

作用靶点: Autophagy; PI3K

溶解性: Soluble in DMSO、Ethanol

保存条件: -20°C

产品介绍: SAR-405 is a potent and selective PIK3C3/Vps34 inhibitor (IC₅₀:1.2 nM; K_d:1.5 nM) that prevents autophagy and synergizes with MTOR inhibition in tumor cells. SAR405 treatment also inhibits autophagy induced either by starvation or by MTOR (mechanistic target of rapamycin) inhibition. Combining SAR405 with everolimus results in a significant synergy on the reduction of cell proliferation using renal tumor cells.