
Autophinib

产品编号: D60059

CAS: 1644443-47-9

分子式: C₁₄H₁₁ClN₆O₃

纯度: 99%

InChi Key: InChIKey=CEUMAXLRGBKFQP-UHFFFAOYSA-N

Smiles: Cc1cc(n[nH]1)Nc1cc(nc(n1)Oc1ccc(cc1)[N+](=O)[O-])Cl

外观: 固体粉末

作用通路: Autophagy

作用靶点: Vps34; PI3K; Autophagy

溶解性: Soluble in DMSO

保存条件: -20°C

产品介绍: Autophinib is a potent, selective autophagy inhibitor with IC₅₀s of 90 nM and 40 nM for starvation- and Rapamycin-induced autophagy, respectively. Autophinib is also an ATP competitive Vacuolar Protein Sorting 34 (VPS34) inhibitor with an IC₅₀ of 19 nM. Autophinib inhibits autophagy induced by starvation or Rapamycin by targeting VPS34