
ROC-325

产品编号: D51320

CAS: 1859141-26-6

分子式: C₂₈H₂₇ClN₄O₅

纯度: ≥98%

InChi: InChI=1S/C₂₈H₂₇ClN₄O₅/c1-18-7-10-23(26-27(34)21-5-3-4-6-25(21)35-28(18)26)32-14-16-33(2)15-13-31-22-11-12-30-24-17-19(29)8-9-20(22)24/h3-12,17,32H,13-16H₂,1-2H₃,11,30,31

InChi Key: HXUYKEGAEIYPKY-UHFFFAOYSA-N

Smiles: CC1=CC=C(NCCN(C)CCNC2=CC=NC3=CC(Cl)=CC=C23)C2=C1SC1=CC=CC=C1C2=O

外观: 固体粉末

作用通路: Apoptosis

溶解性: Soluble in DMSO

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

产品介绍: ROC-325 is an autophagy inhibitor. ROC-325 exhibited superior in vitro anticancer effects compared with the existing autophagy inhibitor hydroxychloroquine (HCQ) in 12 different cancer cell lines with diverse genetic backgrounds. ROC-325 antagonized RCC growth and survival in an ATG5/7-dependent manner, induced apoptosis, and exhibited favorable selectivity.