
Vacuolin-1

产品编号: D62263

CAS: 351986-85-1

分子式: C₂₆H₂₄N₇O

纯度: 98%

InChi Key: InChiKey=JMEJTSRAQUFNOP-TURZUDJPSA-N

Smiles: IC1=CC=CC(\C=N\NC2=NC(=NC(=N2)N2CCOCC2)N(C2=CC=CC=C2)C2=CC=CC=C2)=C1

外观: 固体粉末

作用通路: Autophagy

作用靶点: Autophagy; PI3K

溶解性: Soluble in DMSO

保存条件: -20°C

产品介绍: Vacuolin-1 is a cell-permeable inhibitor of Ca²⁺ dependent fusion of lysosomes to the cell membrane. It acts by inhibiting release of lysosomal content. vacuolin - 1 is a potent and selective PIKfyve inhibitor and inhibits late - stage autophagy by impairing lysosomal maturation.