
KN-92 phosphate

产品编号: D52885

CAS: 1135280-28-2

分子式: C₂₄H₂₈ClN₂O₇PS

纯度: 99.31%

InChi Key: InChIKey=XRQHWVDNMJDEQ-IPZCTEOASA-N

Smiles: OP(O)(O)=O.COc1ccc(cc1)S(=O)(=O)Nc1ccccc1CN(C)C\C=C\c1ccc(Cl)cc1

外观: 固体粉末

作用通路: Neuroscience

作用靶点: CaMK

溶解性: DMSO:5.6 mg/mL

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

产品介绍: KN-92 is an inactive derivative of KN-93. KN-93 is a selective inhibitor of Ca²⁺/calmodulin-dependent kinase II (CaMKII), competitively blocking CaM binding to the kinase (K_i = 370 nM).