
SC-79

产品编号: D51184

CAS: 305834-79-1

分子式: C₁₇H₁₇ClN₂O₅

纯度: ≥98%

InChi: InChi=1S/C₁₇H₁₇ClN₂O₅/c1-3-23-16(21)11(8-19)13-10-7-9(18)5-6-12(10)25-15(20)14(13)17(22)24-4-2/h5-7,11,13H,3-4,20H2,1-2H3

InChi Key: DXVKFBGVRSOLI-UHFFFAOYSA-N

Smiles: CCOC(=O)C1C(C(C#N)C(=O)OCC)C2=CC(Cl)=CC=C2OC=1N

外观: 固体粉末

作用通路: Akt

溶解性: Soluble in DMSO

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

产品介绍: SC-79 is an activator of Akt that blocks its membrane translocation while allowing its phosphorylation, in the cytosol, by upstream kinases. SC-79 is a potential treatment for alcohol-induced osteonecrosis of the femoral head. SC-79 injections inhibited alcohol-induced osteonecrosis. Alcohol-induced ONFH is associated with suppression of p-Akt-Ser473 in the Akt/GSK3β/β-catenin signaling pathway in bone mesenchymal stem cells.