
ML141

产品编号: D50804

CAS: 71203-35-5

分子式: C₂₂H₂₁N₃O₃S

纯度: ≥98%

InChi: InChI=1S/C₂₂H₂₁N₃O₃S/c1-28-19-11-7-17(8-12-19)22-15-21(16-5-3-2-4-6-16)24-25(22)18-9-13-20(14-10-18)29(23,26)27/h2-14,22H,15H₂,1H₃,1H₂,23,26,27

InChi Key: QBNZBMVRFYREHK-UHFFFAOYSA-N

Smiles: COC1C=CC(=CC=1)C1CC(=NN1C1C=CC(=CC=1)S(N)(=O)=O)C1C=CC=CC=1

外观: 固体粉末

作用通路: Apoptosis

溶解性: DMSO up to 100 mM

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

产品介绍: ML141 is a potent, selective and reversible non-competitive inhibitor of Cdc42 GTPase. The EC₅₀ for Cdc42 wild type and Cdc42Q61L mutant were 2.1 and 2.6 μM respectively. It has excellent selectivity for Cdc42 with no inhibition toward Rho and Rac in the same GTPase family, including Rac1, Rab2 and Rab7. In cellular assays ML141 inhibited Cdc42-related filopodia formation and cell migration.