
SCH51344

产品编号: D50874

CAS: 171927-40-5

分子式: C₁₆H₂₀N₄O₃

纯度: ≥98%

InChi: InChI=1S/C₁₆H₂₀N₄O₃/c1-10-14-15(17-5-7-23-8-6-21)12-9-11(22-2)3-4-13(12)18-16(14)20-19-10/h3-4,9,21H,5-8H₂,1-2H₃, (H₂,17,18,19,20)

InChi Key: YWEGXZZAORIRQR-UHFFFAOYSA-N

Smiles: CC1=NNC2=NC3=CC=C(C=C3C(NCCOCCO)=C12)OC

外观: 固体粉末

溶解性: DMSO up to 100 mM

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

产品介绍: SCH-51344 is an inhibitor of RAS/RAC-mediated cell morphology pathway. RAS interacts with multiple targets in the cell and controls at least two signaling pathways, one regulating extracellular signal-regulated kinase (ERK) activation and the other controlling membrane ruffling formation. SCH 51344 specifically blocks membrane ruffling induced by activated forms of H-RAS, K-RAS, N-RAS, and RAC. SCH 51344 was effective in inhibiting the anchorage-independent growth of Rat-2 fibroblast cells transformed by the three forms of oncogenic RAS and RAC V12.