
RKI-1447

产品编号: D50988

CAS: 1342278-01-6

分子式: C₁₆H₁₄N₄O₂S

纯度: ≥98%

InChi: InChi=1S/C₁₆H₁₄N₄O₂S/c21-13-3-1-2-11(8-13)9-18-15(22)20-16-19-14(10-23-16)12-4-6-17-7-5-12/h1-8,10,21H,9H2,(H2,18,19,20,22)

InChi Key: GDVRVPIXWXOKQO-UHFFFAOYSA-N

Smiles: OC1C=C(CNC(=O)NC2=NC(=CS2)C2C=CN=CC=2)C=CC=1

外观: 固体粉末

作用通路: ROCK

溶解性: 10 mM in DMSO

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

产品介绍: RKI-1447 is a potent inhibitor of the Rho-associated ROCK kinases with anti-invasive and antitumor activities in breast cancer. RKI-1447 is a Type I kinase inhibitor that binds the ATP binding site through interactions with the hinge region and the DFG motif. RKI-1447 suppressed phosphorylation of the ROCK substrates MLC-2 and MYPT-1 in human cancer cells.