
Rigosertib

产品编号: D52445

CAS: 592542-59-1

分子式: C₂₁H₂₅NO₈S

纯度: 97.33%

InChi Key: InChiKey=OWBFCJROIKNMGD-BQYQJAHWSA-N

Smiles: COC1=C(C=C(C=C1)CS(=O)(=O)/C=C/C2=C(C=C(C=C2OC)OC)OC)NCC(=O)O

外观: 固体粉末

作用通路: Angiogenesis; Cytoskeletal Signaling; Tyrosine Kinase/Adaptors; Apoptosis; Cell Cycle/Checkpoint; PI3K/Akt/mTOR signaling

作用靶点: Apoptosis; Bcr-Abl; CDK; FLT; PDGFR; PI3K; PLK; Src

溶解性: DMSO:75 mg/mL (166.12 mM; Need ultrasonic)

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

产品介绍: Rigosertib is a selective and non-ATP-competitive inhibitor of PLK1 (IC₅₀: 9 nM). Rigosertib is a multi-kinase inhibitor and a selective anti-cancer agent, which induces apoptosis by inhibition of the PI3 kinase/Akt pathway, promotes the phosphorylation of histone H2AX and induces G2/M arrest in the cell cycle.