
SMI-4a

产品编号: D50989

CAS: 438190-29-5

分子式: C₁₁H₆F₃NO₂S

纯度: ≥98%

InChi: InChi=1S/C₁₁H₆F₃NO₂S/c12-11(13,14)7-3-1-2-6(4-7)5-8-9(16)15-10(17)18-8/h1-5H,(H,15,16,17)/b8-5+

InChi Key: NGJLOFCOEHFKQ-VMPITWQZSA-N

Smiles: O=C1NC(=O)SC1=CC1=CC(=CC=C1)C(F)(F)F

外观: 固体粉末

作用通路: Pim

溶解性: 10 mM in DMSO

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

产品介绍: SMI-4a is a potent and selective Pim protein kinase inhibitor, which blocks the growth of precursor T-cell lymphoblastic leukemia/lymphoma. SMI-4a was found to induce phosphorylation of extracellular signal-related kinase1/2 (ERK1/2), and the combination of SMI-4a and a mitogen-activated protein kinase kinase 1/2 (MEK1/2) inhibitor was highly synergistic in killing pre-T-LBL cells. SMI-4a may be developed as a therapeutic strategy for the treatment of pre-T-LBL.