
CAY10404

产品编号: D62235

CAS: 340267-36-9

分子式: C₁₇H₁₂F₃NO₃S

纯度: 98%

InChi Key: InChiKey=KKBWWVXRKULXHF-UHFFFAOYSA-N

Smiles: CS(=O)(=O)c1ccc(cc1)-c1noc(c1-c1ccccc1)C(F)(F)F

外观: 固体粉末

作用通路: Apoptosis

作用靶点: Akt; Apoptosis; COX

溶解性: Soluble in DMSO

保存条件: -20°C

产品介绍: CAY10404 is a potent and selective cyclooxygenase-2 (COX-2) inhibitor with an IC₅₀ of 1 nM and a selectivity index (SI; COX-1 IC₅₀/COX-2 IC₅₀) of >500000. CAY10404 is a potent PKB/Akt and MAPK signaling pathways inhibitor and induces apoptosis in non-small cell lung cancer (NSCLC) cells. CAY10404, a diarylisoxazole, has good analgesic, anti-inflammatory, and anti-cancer activities