
SR9243

产品编号: D50928

CAS: 1613028-81-1

分子式: C₃₁H₃₂BrNO₄S₂

纯度: ≥98%

InChi: InChI=1S/C₃₁H₃₂BrNO₄S₂/c1-22-17-23(2)31(24(3)18-22)39(36,37)33(16-15-25-7-5-9-29(32)19-25)21-26-11-13-27(14-12-26)28-8-6-10-30(20-28)38(4,34)35/h5-14,17-20H,15-16,21H₂,1-4H₃

InChi Key: FYQFEJFTCLKXTQ-UHFFFAOYSA-N

Smiles: CS(=O)(=O)C1C=C(C=CC=1)C1C=CC(CN(CCC2=CC(Br)=CC=C2)S(=O)(=O)C2C(C)=CC(C)=CC=2C)=CC=1

外观: 固体粉末

作用通路: LXR

溶解性: DMSO up to 50 mM

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

产品介绍: SR9243 is a potent and selective LXR inverse agonist. SR9243 kills cancer cells by inhibiting lipid production and the Warburg effect. SR9243 induces cell death in multiple types of cancer and does not cause the side effects that have derailed previous attempts to target these processes. In cancer cells, SR9243 significantly inhibited the Warburg effect and lipogenesis by reducing glycolytic and lipogenic gene expression. SR9243 induced apoptosis in tumors without inducing weight loss, hepatotoxicity, or inflammation. Malignant cells exhibit aerobic glycolysis (the Warburg effect) and become dependent on de novo lipogenesis, which sustains rapid proliferation and resistance to cellular stress.