
AK-1

产品编号: D52327

CAS: 330461-64-8

分子式: C₁₉H₂₁N₃O₅S

纯度: 99.01%

InChi Key: InChIKey=HAYBKCHPEBZNGW-UHFFFAOYSA-N

Smiles: [O-][N+](=O)C1=CC(NC(=O)C2=CC=CC(=C2)S(=O)(=O)N2CCCCC2)=CC=C1

外观: 固体粉末

作用通路: Chromatin/Epigenetic; DNA Damage/DNA Repair

作用靶点: Sirtuin

溶解性: DMSO:50 mg/mL (123.93 mM)

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

产品介绍: AK-1 is a sirtuin 2 (SIRT2) inhibitor (IC₅₀:12.5 μM).that prevents hippocampal neurodegeneration in Alzheimer's disease models and induces cell cycle arrest in colon carcinoma cells.