
AES-350

产品编号: D59001

CAS: 847249-57-4

分子式: C₁₈H₂₀N₂O₃

纯度: 99.2%

InChi Key: InChIKey=FMOQHLZNJFXULZ-UHFFFAOYSA-N

Smiles: CC(C)(C)C1=CC=C(C(NC2=CC=C(C(NO)=O)C=C2)=O)C=C1

外观: 固体粉末

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

作用靶点: Apoptosis; HDAC

溶解性: DMSO:100 mg/mL (320.14 mM; Need ultrasonic)

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

产品介绍: AES-350 is a potent and orally active HDAC6 inhibitor (IC₅₀ and a K_i of 0.0244 μM and 0.035 μM, respectively). It is also against HDAC-3, -8, and -11 in an enzymatic activity assay with IC₅₀ values of 0.187 μM, 0.245 μM, and >1 μM, respectively. AES-350 triggers apoptosis in AML cells through HDAC inhibition and can be used for acute myeloid leukemia (AML) research.