
GSA-10

产品编号: D56074

CAS: 300833-95-8

分子式: C₂₆H₃₀N₂O₅

纯度: 98%

InChi Key: InChiKey=MDLUYYGRCGDKGL-UHFFFAOYSA-N

Smiles: CCCCCN(c(ccc1)c1C(O)=C1C(Nc(cc2)ccc2C(OCCC)=O)=O)C1=O

外观: 固体粉末

作用通路: GPCR/G Protein; Stem Cells

作用靶点: Hedgehog/Smoothened

溶解性: DMSO: insoluble

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

产品介绍: GSA-10 is a potent Smoothened (Smo) receptor agonist with an EC₅₀ of 1.2 μM. It acts on Smo to promote the differentiation of pluripotent mesenchymal stem cells into osteoblasts. It also mediates Hedgehog (Hh) signaling, which may have research implications for regenerative medicine in cancer diseases.