
GS-9191

产品编号: D57113

CAS: 859209-84-0

分子式: C₃₇H₅₁N₈O₆P

纯度: 98.01%

InChi Key: InChiKey=YTMOQFAFGKLYIW-CONSDPRKSA-N

Smiles: C(COCP(N[C@@H](CC1=CC=CC=C1)C(OCC(C)C)=O)(N[C@@H](CC2=CC=CC=C2)C(OCC(C)C)=O)=O)N3C=4C(=C(NC5CC5)N=C(N)N4)N=C3

外观: 固体粉末

作用通路: Cell Cycle/Checkpoint;DNA Damage/DNA Repair

作用靶点: DNA/RNA Synthesis

溶解性: DMSO: 7.35 mg/mL (10 mM)

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

产品介绍: GS-9191 is a potent inhibitor of DNA polymerase alpha and β, a prodrug of the novel nucleoside analogue 9-(2-phosphonomethoxyethyl)guanine (PMEG), which penetrates the skin and is metabolized in the epithelium to an active nucleoside triphosphate analogue. GS-9191 has antiproliferative activity and reduces the size of papillomas in a dose-related manner. GS-9191 may be useful in the treatment of HPV-induced lesions.