
Rifabutin

产品编号: D53794

CAS: 72559-06-9

分子式: C₄₆H₆₂N₄O₁₁

纯度: 99.27%

InChi Key: InChIKey=ATEBXHFBFRCZMA-HLYKTEOBSA-N

Smiles: CO[C@H]1\C=C\O[C@@]2(C)Oc3c(C2=O)c2C4=NC5(CCN(CC(C)C)CC5)NC4=C(NC(=O)\C(C)=C/C=C/[C@H](C)[C@H](O)[C@@H](C)[C@@H](O)[C@@H](C)[C@H](OC(C)=O)[C@@H]1C)C(=O)c2c(O)c3C

外观: 固体粉末

作用通路: Cell Cycle/Checkpoint; DNA Damage/DNA Repair; Cytoskeletal Signaling; Metabolism; Microbiology/virology

作用靶点: Antibacterial; Antibiotic; DNA/RNA Synthesis; HSP

溶解性: DMSO:56 mg/mL (66.1 mM);Ethanol:38 mg/mL (44.9 mM)

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

产品介绍: Rifabutin inhibits bacterial DNA-dependent RNA polymerase, thereby suppressing the initiation of RNA formation and leading to inhibition of RNA synthesis and transcription. Rifabutin is a semisynthetic ansamycin antibiotic with potent antimycobacterial properties.