
Tigecycline

产品编号: D53904

CAS: 220620-09-7

分子式: C₂₉H₃₉N₅O₈

纯度: 99.94%

InChi Key: InChiKey=FPZLLRFZJZRHSY-HJYUBDRYSA-N

Smiles: C1(=O)C(=C([C@H]([C@@H]2C[C@@H]3Cc4c(cc(c4C(=O)C3=C([C@]12O)O)O)NC(=O)CNC(C)(C)C)N(C)C)N(C)O)C(=O)N

外观: 固体粉末

作用通路: Autophagy; Microbiology/virology

作用靶点: Antibacterial; Antibiotic; Autophagy; ribosome

溶解性: DMSO:93 mg/mL (158.8 mM);Water:92 mg/mL (157.1 mM);Ethanol:<1 mg/mL

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

产品介绍: Tigecycline is a broad-spectrum glycylcycline antibiotic derived from tetracycline.

Tigecycline binds to the 30S ribosomal subunit, thereby interfering with the binding of aminoacyl-tRNA to the mRNA-ribosome complex.