
3'-Azido-3'-deoxy-5-methylcytidine

产品编号: D53826

CAS: 1282040-14-5

分子式: C₁₀H₁₄N₆O₄

纯度: 99.86%

InChi Key: InChiKey=HQIDXEHGLJUNPT-JXOAFINSA-N

Smiles: O[C@H]1[C@@](O[C@H](CO)[C@H]1N=[N+]=[N-])(N2C(=O)N=C(N)C(C)=C2)[H]

外观: 固体粉末

作用通路: Microbiology/virology;Proteases/Proteasome;Immunology/Inflammation

作用靶点: HIV Protease;Antiviral

溶解性: DMSO : 80 mg/mL (283.43 mM; Need ultrasonic)

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

产品介绍: 3'-Azido-3'-deoxy-5-methylcytidine inhibits HIV-1 reverse transcriptase (EC₅₀ = 0.06 μM) and is an effective inhibitor of xenotropic murine leukemia-related retrovirus (XMRV, CC₅₀ = 43.5 μM).