

Product Name : Delavirdine mesylate

Synonyms : U 90152

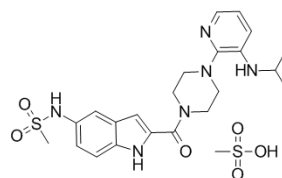
Cat No. : M12020

CAS Number : 147221-93-0

Molecular Formula : C₂₃H₃₂N₆O₆S₂

Formula Weight : 552.67

Chemical Name : Methanesulfonamide, N-[2-[[4-[3-[(1-methylethyl)amino]-2-pyridinyl]-1-piperazinyl]carbonyl]-1H-indol-5-yl]-, methanesulfonate (1:1)



Description : A potent HIV-1 reverse transcriptase inhibitor with IC₅₀ of 0.26 uM for recombinant HIV-1 RT; exhibits IC₅₀>440 uM for DNA polymerases α and δ; blocks the replication in peripheral blood lymphocytes of 25 primary HIV-1 isolates and has low cellular cytotoxicity; retains significant activity against mutant RTs (K103N, Y181C). HIV Infection Approved

Pathway : Microbiology/Virology

Target : HIV

Receptor : HIV

Solubility : DMSO: ≥ 40.3 mg/mL

SMILES : O=C(N1CCN(C2=NC=CC=C2NC(C)C)CC1)C(N3)=CC4=C3C=CC(NS(=O)(C)O)=C4.CS(=O)(O)=O

Storage : (-20°C)

Stability : ≥ 2 years

Reference :

1. Dueweke TJ, et al. Antimicrob Agents Chemother. 1993 May;37(5):1127-31. | 2. Romero DL, et al. J Med Chem. 1993 May 14;36(10):1505-8. | 3. Olmsted RA, et al. J Virol. 1996 Jun;70(6):3698-705.