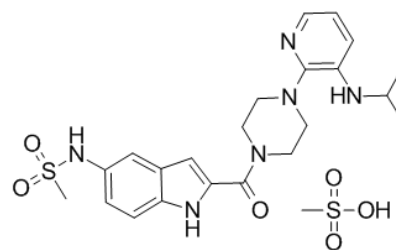


Product Name : Delavirdine mesylate
Cat. No. : PC-42659
CAS No. : 147221-93-0
Molecular Formula : C₂₃H₃₂N₆O₆S₂
Molecular Weight : 552.6668
Target : HIV
Solubility : DMSO: ≥ 40.3 mg/mL



Biological Activity

A potent HIV-1 reverse transcriptase inhibitor with IC₅₀ of 0.26 μM for recombinant HIV-1 RT; exhibits IC₅₀>440 μM 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

References

Dueweke TJ, et al. Antimicrob Agents Chemother. 1993 May;37(5):1127-31.

Romero DL, et al. J Med Chem. 1993 May 14;36(10):1505-8.

Olmsted RA, et al. J Virol. 1996 Jun;70(6):3698-705.

Caution: Product has not been fully validated for medical applications. Lab Use Only!

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