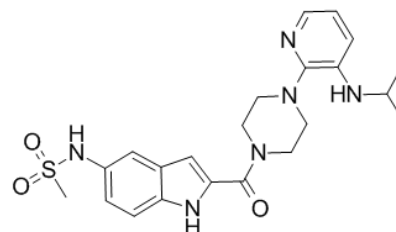


Product Name : Delavirdine
Cat. No. : PC-42658
CAS No. : 136817-59-9
Molecular Formula : C₂₂H₂₈N₆O₃S
Molecular Weight : 456.5611
Target : HIV
Solubility : 10 mM in DMSO



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

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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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