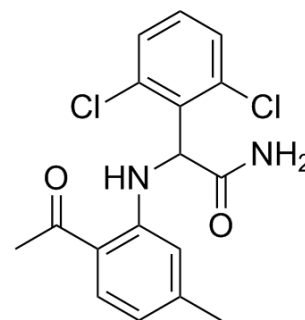


Loviride

Cat. No.:	HY-15355
CAS No.:	147362-57-0
Molecular Formula:	C ₁₇ H ₁₆ Cl ₂ N ₂ O ₂
Molecular Weight:	351.23
Target:	Reverse Transcriptase; HIV
Pathway:	Anti-infection
Storage:	Please store the product under the recommended conditions in the COA.



BIOLOGICAL ACTIVITY

Description	Loviride (R 89439) is a non-nucleoside reverse transcriptase inhibitor (NNRTI), with an IC ₅₀ of 0.3 μM for reverse transcriptase from HIV-1. Loviride (R 89439) inhibits HIV-1, HIV-2 and SIV replication in MT-4 cells ^[1] .
IC ₅₀ & Target	IC ₅₀ : 0.3 μM (Reverse transcriptase) ^[1]
In Vitro	Loviride (0.01 μM) inhibits HIV-1(IIIB) replication in MT-4 cells, also inhibits HIV-2 and SIV, with EC ₅₀ s of 85.5, 7.4 μM for HIV-2 (ROD), HIV-2 (EHO), and 11.4, 28.5, 57.0 μM for SIV (mac251), SIV (agm3), SIV (mndGB1), respectively ^[1] .

REFERENCES

[1]. Witvrouw M, et al. Activity of non-nucleoside reverse transcriptase inhibitors against HIV-2 and SIV. AIDS. 1999 Aug 20;13(12):1477-83.

Caution: Product has not been fully validated for medical applications. For research use only.

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