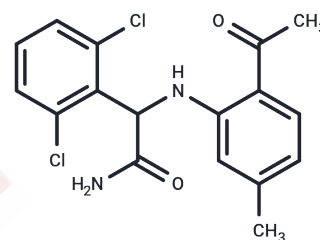


Loviride

Chemical Properties

CAS No. :	147362-57-0
Formula:	C ₁₇ H ₁₆ Cl ₂ N ₂ O ₂
Molecular Weight:	351.23
Storage:	Powder: -20°C for 3 years In solvent: -80°C for 1 year Actual storage temperature shall be subject to the COA.



Biological Description

Description	Loviride is a non-nucleoside reverse transcriptase inhibitor (IC ₅₀ : 0.3 μM). Loviride inhibits HIV-1, HIV-2 and SIV replication in MT-4 cells. It is used for reverse transcriptase from HIV-1.
Targets(IC ₅₀)	Others,HIV Protease,Reverse Transcriptase
In vitro	In MT-4 cells, Loviride (0.01 μM) inhibits HIV-1(IIIB) replication. It also inhibits HIV-2 and SIV (EC ₅₀ s: 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).

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.8471 mL	14.2357 mL	28.4714 mL
5 mM	0.5694 mL	2.8471 mL	5.6943 mL
10 mM	0.2847 mL	1.4236 mL	2.8471 mL
50 mM	0.0569 mL	0.2847 mL	0.5694 mL

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. Please use it as soon as possible.

Note: The dilution table applies only to solid products. For liquid products, please calculate the stock solution based on the stated concentration and/or density.

Reference

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

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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