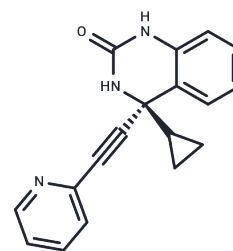


L 738372

Chemical Properties

CAS No. : 159565-60-3
 Formula: C₁₈H₁₅N₃O
 Molecular Weight: 289.33
 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	L 738372 is a non-nucleoside inhibitor of HIV-1 reverse transcriptase.
Targets(IC50)	Others,HIV Protease

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.4563 mL	17.2813 mL	34.5626 mL
5 mM	0.6913 mL	3.4563 mL	6.9125 mL
10 mM	0.3456 mL	1.7281 mL	3.4563 mL
50 mM	0.0691 mL	0.3456 mL	0.6913 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

- Wang T, Grinberg N, Bicker G, Tway P, Thompson K. High-performance liquid chromatographic separation of an HIV-1 reverse transcriptase inhibitor and its enantiomer. *J Chromatogr A*. 1996 Jul 12;738(2):290-4. PubMed PMID: 8696508.
- Prueksaritanont T, Balani SK, Dwyer LM, Ellis JD, Kauffman LR, Varga SL, Pitzenberger SM, Theoharides AD. Species differences in the metabolism of a potent HIV-1 reverse transcriptase inhibitor L-738,372. In vivo and in vitro studies in rats, dogs, monkeys, and human. *Drug Metab Dispos*. 1995 Jul;23(7):688-95. PubMed PMID: 7587955.
- Carroll SS, Stahlhut M, Geib J, Olsen DB. Inhibition of HIV-1 reverse transcriptase by a quinazolinone and comparison with inhibition by pyridinones. Differences in the rates of inhibitor binding and in synergistic inhibition with nucleoside analogs. *J Biol Chem*. 1994 Dec 23;269(51):32351-7. PubMed PMID: 7528214.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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