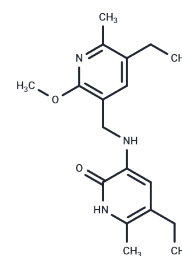


L 702007

## Chemical Properties

CAS No. :	139547-89-0
Formula:	C <sub>18</sub> H <sub>25</sub> N <sub>3</sub> O <sub>2</sub>
Molecular Weight:	315.41
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 702007 is an inhibitor of HIV-1 reverse transcriptase.
Targets(IC50)	Others,HIV Protease

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.1705 mL	15.8524 mL	31.7048 mL
5 mM	0.6341 mL	3.1705 mL	6.341 mL
10 mM	0.317 mL	1.5852 mL	3.1705 mL
50 mM	0.0634 mL	0.317 mL	0.6341 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

Woolf EJ, Matuszewski B. Simultaneous determination of L-702,007, a HIV-1 reverse transcriptase inhibitor, and its 6-hydroxy metabolite in human plasma by column-switching high-performance liquid chromatography with fluorescence detection. J Chromatogr A. 1996 Apr 5;729(1-2):211-7. PubMed PMID: 9004942.

Wai JS, Williams TM, Bamberger DL, Fisher TE, Hoffman JM, Hudcosky RJ, MacTough SC, Rooney CS, Saari WS, Thomas CM, et al. Synthesis and evaluation of 2-pyridinone derivatives as specific HIV-1 reverse transcriptase inhibitors. 3. Pyridyl and phenyl analogs of 3-aminopyridin-2(1H)-one. J Med Chem. 1993 Jan 22;36(2):249-55. PubMed PMID: 7678654.

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