#### ATLAS VENTURE ENTREPRENEURS FUND V LP

Form 4

October 03, 2005

## FORM 4

### UNITED STATES SECURITIES AND EXCHANGE COMMISSION Washington, D.C. 20549

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF

**SECURITIES** 

**OMB** Number:

3235-0287

Expires:

January 31, 2005

0.5

Estimated average

**OMB APPROVAL** 

burden hours per response...

if no longer subject to Section 16. Form 4 or Form 5

obligations

may continue.

See Instruction

Check this box

Filed pursuant to Section 16(a) of the Securities Exchange Act of 1934, Section 17(a) of the Public Utility Holding Company Act of 1935 or Section

30(h) of the Investment Company Act of 1940

1(b).

(Print or Type Responses)

1. Name and Address of Reporting Person ATLAS VENTURE FUND V LP	2. Issuer Name <b>and</b> Ticker or Trading Symbol	5. Relationship of Reporting Person(s) to Issuer			
	ALNYLAM PHARMACEUTICALS, INC.	(Check all applicable)			
	[ALNY]	DirectorX 10% Owner			
(Last) (First) (Middle)	3. Date of Earliest Transaction (Month/Day/Year)	Officer (give title below) Other (specify below)			
890 WINTER STREET, SUITE 32	0 09/29/2005				
(Street)	4. If Amendment, Date Original	6. Individual or Joint/Group Filing(Check			
WALTHAM MA 02451	Filed(Month/Day/Year)	Applicable Line) Form filed by One Reporting Person _X_ Form filed by More than One Reporting			

Person

#### WALTHAM, MA 02451

(City)	(State) Table I - Non-Derivative Securities Acquired, Disposed of, or Beneficially Owned								
1.Title of Security (Instr. 3)	2. Transaction Date (Month/Day/Year)	2A. Deemed Execution Date, if any (Month/Day/Year)	3. Transaction Code (Instr. 8)	4. Securities Acquired on(A) or Disposed of (D) (Instr. 3, 4 and 5)			5. Amount of 6. Ownership		7. Nature of Indirect Beneficial Ownership (Instr. 4)
			Code V	Amount	or (D)	Price	(Instr. 3 and 4)		
Common Stock	09/29/2005		J(2)	211,444	D	<u>(1)</u>	422,887	D (2)	
Common Stock	09/29/2005		J <u>(3)</u>	26,265	D	<u>(1)</u>	52,529	D (3)	
Common Stock	09/29/2005		<u>J(4)</u>	26,265	D	(1)	52,529	D (4)	
Common Stock	09/29/2005		<u>J(5)</u>	3,518	D	<u>(1)</u>	7,039	D (5)	
Common Stock	09/29/2005		J <u>(6)</u>	383,845	D	<u>(1)</u>	767,691	D (6)	

Common Stock	09/29/2005	<u>J(7)</u>	10,366	D	<u>(1)</u>	20,732	D (7)
Common Stock	09/29/2005	J <u>(8)</u>	7,028	D	<u>(1)</u>	14,057	D (8)
Common Stock	09/29/2005	J <u>(9)</u>	267,492	D	<u>(1)</u>	534,984	D (9)
Common Stock	09/29/2005	J(10)	401,239	D	<u>(1)</u>	802,480	D (10)

Reminder: Report on a separate line for each class of securities beneficially owned directly or indirectly.

Persons who respond to the collection of SEC 1474 information contained in this form are not required to respond unless the form displays a currently valid OMB control number.

(9-02)

9. Nu Deriv Secu Bene Own Follo Repo Trans (Insti

Table II - Derivative Securities Acquired, Disposed of, or Beneficially Owned (e.g., puts, calls, warrants, options, convertible securities)

1. Title of	2.	3. Transaction Date	3A. Deemed	4.	5.	<ol><li>Date Exer</li></ol>	cisable and	7. Title	e and	8. Price of
Derivative	Conversion	(Month/Day/Year)	Execution Date, if	Transa	ctionNumber	Expiration D	ate	Amou	nt of	Derivative
Security	or Exercise		any	Code	of	(Month/Day	/Year)	Under	lying	Security
(Instr. 3)	Price of		(Month/Day/Year)	(Instr.	8) Derivati	ve		Securi	ties	(Instr. 5)
	Derivative				Securitie	es		(Instr.	3 and 4)	
	Security				Acquire	d				
	·				(A) or					
					Dispose	d				
					of (D)					
					(Instr. 3.					
					4, and 5					
					,	<b>,</b>				
									Amount	
						Date	Expiration		or	
						Exercisable	Date	Title	Number	
						LACICISADIC	Date		of	
				Code	V (A) (D	)			Shares	

# **Reporting Owners**

Reporting Owner Name / Address	Relationships					
Reporting Owner Name / Address		10% Owner	Officer	Other		
ATLAS VENTURE FUND V LP 890 WINTER STREET SUITE 320 WALTHAM, MA 02451		X				
ATLAS VENTURE PARALLEL FUND V-A C V 890 WINTER STREET SUITE 320 WALTHAM, MA 02451		X				
		X				

Reporting Owners 2

ATLAS VENTURE PARALLEL FUND V-B C V 890 WINTER STREET SUITE 320 WALTHAM, MA 02451	
ATLAS VENTURE ENTREPRENEURS FUND V LP 890 WINTER STREET SUITE 320 WALTHAM, MA 02451	X
ATLAS VENTURE FUND VI LP 890 WINTER STREET SUITE 320 WALTHAM, MA 02451	X
Atlas Venture Fund VI GmbH & Co KG 890 WINTER STREET SUITE 320 WALTHAM, MA 02451	X
ATLAS VENTURE ENTREPRENEURS FUND VI LP 890 WINTER STREET SUITE 320 WALTHAM, MA 02451	X
ATLAS VENTURE ASSOCIATES V LP 890 WINTER STREET SUITE 320 WALTHAM, MA 02451	X
Atlas Venture Associates VI, L.P. 890 WINTER STREET SUITE 320 WALTHAM MA 02451	X

# **Signatures**

/s/ Jeanne Larkin Henry (Vice-President) 09/29/2005

\*\*Signature of Reporting Person Date

## **Explanation of Responses:**

- \* If the form is filed by more than one reporting person, see Instruction 4(b)(v).
- \*\* Intentional misstatements or omissions of facts constitute Federal Criminal Violations. See 18 U.S.C. 1001 and 15 U.S.C. 78ff(a).
- (1) N/A
- (2) Pro-rata distribution in kind without consideration to the partners of Atlas Venture Fund V, L.P. These shares are owned directly by Atlas Venture Fund V, L.P.
- (3) Pro-rata distribution in kind without consideration to the partners of Atlas Venture Parallel Fund V-A, C.V. These shares are owned directly by Atlas Venture Parallel Fund V-A, C.V.
- (4) Pro-rata distribution in kind without consideration to the partners of Atlas Venture Parallel Fund V-B, C.V. These shares are owned directly by Atlas Venture Parallel Fund V-B, C.V.
- Pro-rata distribution in kind without consideration to the partners of Atlas Venture Entrepreneurs' Fund V, L.P. These shares are owned directly by Atlas Venture Entrepreneurs' Fund V, L.P.

Signatures 3

- (6) Pro-rata distribution in kind without consideration to the partners of Atlas Venture Fund VI, L.P. These shares are owned directly by Atlas Venture Fund VI, L.P.
- (7) Pro-rata distribution in kind without consideration to the partners of Atlas Venture Entrepreneurs' Fund VI, L.P. These shares are owned directly by Atlas Venture Entrepreneurs' Fund VI, L.P.
- (8) Pro-rata distribution in kind without consideration to the partners of Atlas Venture Fund VI GmbH & Co. KG. These shares are owned directly by Atlas Venture Fund VI GmbH & Co. KG.
  - Pro-rata distribution in kind without consideration to the partners of Atlas Venture Fund V, L.P., Atlas Venture Parallel Fund V-A, C.V., Atlas Venture Parallel Fund V-B, C.V. and Atlas Venture Entrepreneurs' Fund V, L.P. These shares are owned directly by Atlas Venture
- (9) Fund V, L.P., Atlas Venture Paraellel Fund V-A, C.V., Atlas Venture Parallel Fund V-B, C.V. and Atlas Venture Entrepreneurs' Fund V, L.P. Atlas Venture Associates V, L.P. disclaims beneficial ownership as to such shares except to the extent of its proportionate pecuniary interest therein.
  - Pro-rata distribution in kind without consideration to the partners of Atlas Venture Fund VI, L.P., Atlas Venture Fund VI GmbH & Co.
- (10) KG and Atlas Venture Entrepreneurs' Fund VI, L.P. These shares are owned directly by Atlas Venture Fund VI, L.P., Atlas Venture Fund VI GmbH & Co. KG and Atlas Venture Entrepreneurs' Fund VI, L.P. Atlas Venture Associates VI, L.P. disclaims beneficial ownership as to such shares except to the extent of its proportionate pecuniary interest therein.

Note: File three copies of this Form, one of which must be manually signed. If space is insufficient, *see* Instruction 6 for procedure. Potential persons who are to respond to the collection of information contained in this form are not required to respond unless the form displays a currently valid OMB number.