#### ALNYLAM PHARMACEUTICALS, INC.

Form 4

October 15, 2014

## 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

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**OMB APPROVAL** 

response...

subject to Section 16. Form 4 or Form 5 obligations

may continue.

See Instruction

if no longer

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).

(Last)

(Print or Type Responses)

SHARP PHILIP A		rting Person _	2. Issuer Name <b>and</b> Ticker or Trading Symbol	S. Relationship of Reporting Person(s) to Issuer		
			ALNYLAM PHARMACEUTICALS, INC.	(Check all applicable)		
			[ALNY]	X Director 10% Owner		
(Last)	(First)	(Middle)	3 Date of Farliest Transaction	Officer (give title Other (specify		

3. Date of Earliest Transaction

(Month/Day/Year) 300 THIRD STREET 10/13/2014

(Middle)

(Street) 4. If Amendment, Date Original

Filed(Month/Day/Year)

6. Individual or Joint/Group Filing(Check

below)

Applicable Line)

\_X\_ Form filed by One Reporting Person Form filed by More than One Reporting

Person

below)

#### CAMBRIDGE, MA 02142

(First)

(City)	(State)	(Zip) 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 Securities Beneficially Owned Following	6. Ownership Form: Direct (D) or Indirect (I)	7. Nature of Indirect Beneficial Ownership (Instr. 4)	
			Code V	Amount	(A) or (D)	Price	Reported Transaction(s) (Instr. 3 and 4)	(Instr. 4)		
Common Stock	07/09/2014		J <u>(1)</u> V	21,890	A	\$ 0	74,996	D		
Common Stock	10/13/2014		M(2)	100,000	A	\$ 7.77	174,996	D		
Common Stock	10/13/2014		M(2)	10,000	A	\$ 7.08	184,996	D		
Common Stock	10/13/2014		S(2)	110,000	D	\$ 85	74,996	D		
Common Stock	07/09/2014		J <u>(1)</u> V	21,890	D	\$0	191,903	I	by Trust	

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

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

1. Title of Derivative Security (Instr. 3)	2. Conversion or Exercise Price of Derivative Security	3. Transaction Date (Month/Day/Year)	3A. Deemed Execution Date, if any (Month/Day/Year)	4. Transaction Code (Instr. 8)	onDeriv Secur Acqu Dispo		Expiration Date (Month/Day/Year) or (D)		7. Title and Amount of Underlying Securities (Instr. 3 and 4)	
				Code V	(A)	(D)	Date Exercisable	Expiration Date	Title	Amount Number Shares
Stock Option (right to buy)	\$ 7.08	10/13/2014		M(2)		10,000	06/08/2006	06/08/2015	Common Stock	10,000
Stock Option (right to buy)	\$ 7.77	10/13/2014		M(2)		100,000	<u>(4)</u>	05/13/2015	Common Stock	100,00

# **Reporting Owners**

Reporting Owner Name / Address	Relationships							
reporting 6 wher rune / rune ess	Director	10% Owner	Officer Other					
SHARP PHILIP A 300 THIRD STREET CAMBRIDGE, MA 02142	X							

# **Signatures**

By: /s/ Michael P. Mason, Attorney-in-Fact For: Phillip A. Sharp

\*\*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).
- The 21,890 shares were previously reported as indirectly owned in the (i) 15,401 shares in the Phillip A. Sharp 2009 Grantor Annuity

  1) Trust No 3 and (ii) 6.489 shares in the Phillip A. Sharp 2010 Grantor Annuity Trust No 6. The shares were re-registered to Phillip A.
- (1) Trust No.3 and (ii) 6,489 shares in the Phillip A. Sharp 2010 Grantor Annuity Trust No. 6. The shares were re-registered to Phillip A. Sharp.
- (2) The sales reported on this Form 4 were made pursuant to a Rule 10b5-1 trading plan adopted by the reporting person on March 17, 2014. The shares sold by the reporting person were scheduled to expire in May and June of 2015.

Reporting Owners 2

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- The 191,903 shares reported as indirectly owned by trust are (i) 94,838 shares in the Phillip A. Sharp 2009 Grantor Annuity Trust No. 3, (ii) 87,399 shares in the Phillip A. Sharp 2010 Grantor Annuity Trust No. 6 and (iii) 9,666 shares in the Phillip A. Sharp 2008 Grantor Annuity Trust No. 2.
- (4) The stock option vests as to 25% of the shares on the 1st anniversary of the date of the stock option grant and as to an additional 6.25% of the shares each successive three month period thereafter.

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.