ALNYLAM PHARMACEUTICALS, INC.

Form 4

January 03, 2014

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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response...

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

obligations

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

may continue. See Instruction

30(h) of the Investment Company Act of 1940

1(b).

(Print or Type Responses)

1. Name and Address of Reporting Person *

STARR KEVIN P

2. Issuer Name and Ticker or Trading

Symbol

ALNYLAM

PHARMACEUTICALS, INC.

[ALNY]

(Last)

Security

(Instr. 3)

(First) (Middle)

(Month/Day/Year) Execution Date, if

3. Date of Earliest Transaction

(Month/Day/Year) 01/02/2014

(Street)

4. If Amendment, Date Original

Filed(Month/Day/Year)

5. Relationship of Reporting Person(s) to

Issuer

(Check all applicable)

X_ Director 10% Owner Officer (give title Other (specify below)

300 THIRD STREET

Applicable Line) _X_ Form filed by One Reporting Person Form filed by More than One Reporting

6. Individual or Joint/Group Filing(Check

Person

CAMBRIDGE, MA 02142

(Zip) (State) (City) 1.Title of 2. Transaction Date 2A. Deemed

Table I - Non-Derivative Securities Acquired, Disposed of, or Beneficially Owned

4. Securities TransactionAcquired (A) or Disposed of (D) Code (Instr. 8) (Instr. 3, 4 and 5) 5. Amount of Securities Beneficially Owned

6. Ownership 7. Nature of Form: Direct Indirect (D) or Indirect Beneficial Ownership (Instr. 4) (Instr. 4)

Following Reported (A) Transaction(s) or (Instr. 3 and 4)

Code V Amount (D) Price

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

(Month/Day/Year)

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.

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

1. Title of Derivative Conversion 3. Transaction Date 3A. Deemed (Month/Day/Year) Execution Date, if

4

5. Number

6. Date Exercisable and Transaction of Derivative Expiration Date

7. Title and Amount of 8. l Underlying Securities

(9-02)

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Security (Instr. 3)	or Exercise Price of Derivative Security		any (Month/Day/Year)	Code (Instr. 8)	Securities (Mont Acquired (A) or Disposed of (D) (Instr. 3, 4, and 5)		(Month/Day/	Month/Day/Year)		4)	S
				Code V	(A)	(D)	Date Exercisable	Expiration Date	Title	Amount or Number of Shares	
Stock Option (right to buy)	\$ 63.86	01/02/2014		A <u>(1)</u>	3,670		(2)	01/02/2024	Common Stock	3,670	

(In

Reporting Owners

Reporting Owner Name / Address	Relationships						
reporting Owner Hume / Hudress	Director	10% Owner	Officer	Other			
STARR KEVIN P							
300 THIRD STREET	X						
CAMBRIDGE, MA 02142							

Signatures

By: /s/ Michael P. Mason, Attorney-in-Fact For: Kevin P.
Starr
01/03/2014

**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) The reporting person elected to receive stock options, in lieu of cash, as compensation for 2014 Board service.
- (2) The stock option vests as to 25% on 3/31/2014 and as to an additional 25% of the shares granted at the end of each subsequent quarter. Note: File three copies of this Form, one of which must be manually signed. If space is insufficient, see Instruction 6 for procedure.

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