ALNYLAM PHARMACEUTICALS, INC.

Form 4 June 10, 2013

FORM 4

UNITED STATES SECURITIES AND EXCHANGE COMMISSION

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF

SECURITIES

Washington, D.C. 20549

Check this box if no longer subject to Section 16.

Form 4 or

Form 5 obligations may continue.

See Instruction

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

2. Issuer Name and Ticker or Trading

(Print or Type Responses)

1(b).

1. Name and Address of Reporting Person *

SHARP PHILIP A

Symbol

PHARMACEUTICALS, INC.

[ALNY]

ALNYLAM

(Last) (First) (Middle) 3. Date of Earliest Transaction (Month/Day/Year) 06/06/2013

C/O ALNYLAM PHARMACEUTICALS, INC., 300

THIRD STREET

Security

(Instr. 3)

(Street)

4. If Amendment, Date Original

Filed(Month/Day/Year)

6. Individual or Joint/Group Filing(Check Applicable Line)

> _X_ Form filed by One Reporting Person Form filed by More than One Reporting

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

Issuer

below)

X_ Director

CAMBRIDGE, MA 02142

(City) 1.Title of

(State) (Zip)

2. Transaction Date 2A. Deemed (Month/Day/Year) Execution Date, if

any (Month/Day/Year)

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

Code V Amount (D)

Price

(A)

or

5. Amount of Securities Beneficially Owned Following Reported Transaction(s)

(Instr. 3 and 4)

6. Ownership Form: Direct (Instr. 4)

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

Persons who respond to the collection of 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)

5. Relationship of Reporting Person(s) to

OMB APPROVAL

3235-0287

January 31,

2005

0.5

OMB

Number:

Expires:

response...

Estimated average

burden hours per

(Check all applicable)

10% Owner Officer (give title Other (specify

7. Nature of Indirect (D) or Indirect Beneficial

Ownership (Instr. 4)

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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. Transactic Code (Instr. 8)	5. Number of orDerivative Securities Acquired (A) or Disposed of (D) (Instr. 3, 4, and 5)	6. Date Exercisable and Expiration Date (Month/Day/Year)		7. Title and Amount of Underlying Securities (Instr. 3 and 4)	
				Code V	(A) (D)	Date Exercisable	Expiration Date	Title	Amount or Number of Shares
Stock Option (Right to Buy)	\$ 30.09	06/06/2013		A	30,000	06/06/2014	06/06/2023	Common Stock	30,000

Reporting Owners

Reporting Owner Name / Address	Relationships				
•	Dimantan	100/ Oxyman	Officer	Othon	

SHARP PHILIP A
C/O ALNYLAM PHARMACEUTICALS, INC.
300 THIRD STREET
CAMBRIDGE, MA 02142

X

Signatures

/s/ Michael P. Mason, Attorney-in-Fact For: Phillip A. Sharp, Ph.D. 06/10/2013

**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).

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.

Reporting Owners 2