ALNYLAM PHARMACEUTICALS, INC.

Form 4 May 13, 2015

FORM 4

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

OMB Number: 3235-0287

Estimated average

OMB APPROVAL

Check this box if no longer subject to Section 16.

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF SECURITIES

Expires: January 31, 2005

Form 4 or Form 5 obligations may continue.

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

burden hours per response... 0.5

See Instruction 1(b).

Common

Stock

05/12/2015

(Print or Type Responses)

1. Name and Address of Reporting Person * BONNEY MICHAEL W			2. Issuer Name and Ticker or Trading Symbol ALNYLAM PHARMACEUTICALS, INC. [ALNY]			5. Relationship of Reporting Person(s) to Issuer (Check all applicable) X Director 10% Owner			
(Last)	(First)	(Middle)	3. Date of Earliest Transaction (Month/Day/Year)			Officer (give below)	title Other below)	er (specify	
300 THIRD STREET			05/12/2015						
(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			
CAMBRIDGE, MA 02142						Form filed by More than One Reporting Person			
(City)	(State)	(Zip) Table I - Non-Derivative Securities Acquired, Disposed of, or Beneficially Owned							
1.Title of Security (Instr. 3)	2. Transaction D (Month/Day/Yea	ar) Execution	med on Date, if Day/Year)	3. Transactic Code (Instr. 8)	4. Securities Acquired on(A) or Disposed of (D) (Instr. 3, 4 and 5)	5. Amount of Securities Beneficially Owned Following Reported Transaction(s)	6. Ownership Form: Direct (D) or Indirect (I) (Instr. 4)	7. Nature of Indirect Beneficial Ownership (Instr. 4)	

Code V Amount

2,000

P

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

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SEC 1474

(9-02)

(Instr. 3 and 4)

Ι

2,000

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

or

(D)

Price

112.16

by Trust

(1)

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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. Transaction Code (Instr. 8)	5. onNumber of Derivative Securities Acquired (A) or Disposed of (D)		ate	Amount of Underlying Securities	7. Title and Amount of Underlying Securities (Instr. 3 and 4)	8. Price of Derivative Security (Instr. 5)	9. Nu Deriv Secur Bene Owne Follo Repo Trans (Instr
				Code V	(Instr. 3, 4, and 5) (A) (D)	Date Exercisable	Expiration Date	or Title Nu of	umber		

Reporting Owners

Reporting Owner Name / Address	Relationships					
Toporous o water runte / runte oso	Director	10% Owner	Officer	Other		
BONNEY MICHAEL W						
300 THIRD STREET	X					
CAMBRIDGE, MA 02142						

Signatures

By: /s/ Michael P. Mason, Attorney-In-Fact For: Michael W.
Bonney

05/12/2015

**Signature of Reporting Person

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 shares of ALNY common stock were purchased by the Michael W. Bonney Revocable Trust, of which the reporting person is trustee. 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.

Date

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