

ALNYLAM PHARMACEUTICALS, INC.

Form 4

November 19, 2014

FORM 4

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

OMB APPROVAL

OMB Number: 3235-0287
Expires: January 31, 2015
Estimated average burden hours per response... 0.5

Check this box if no longer subject to Section 16. Form 4 or Form 5 obligations may continue. See Instruction 1(b).

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF SECURITIES

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

(Print or Type Responses)

1. Name and Address of Reporting Person *
Greene Barry E

(Last) (First) (Middle)

C/O ALNYLAM
PHARMACEUTICALS, INC, 300
THIRD STREET

(Street)

CAMBRIDGE, MA 02142

(City) (State) (Zip)

2. Issuer Name and Ticker or Trading Symbol
ALNYLAM
PHARMACEUTICALS, INC.
[ALNY]

3. Date of Earliest Transaction
(Month/Day/Year)
11/17/2014

4. If Amendment, Date Original Filed(Month/Day/Year)

5. Relationship of Reporting Person(s) to Issuer

(Check all applicable)
 Director 10% Owner
 Officer (give title below) Other (specify below)
President and COO

6. Individual or Joint/Group Filing(Check Applicable Line)
 Form filed by One Reporting Person
 Form filed by More than One Reporting Person

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 (A) or Disposed of (D) (Instr. 3, 4 and 5)	5. Amount of Securities Beneficially Owned Following Reported Transaction(s) (Instr. 3 and 4)	6. Ownership Form: Direct (D) or Indirect (I) (Instr. 4)	7. Nature of Ownership (Instr. 4)
			Code	V	Amount	(D)	Price
Common Stock	11/17/2014		M ⁽¹⁾		33,200	A	\$ 6.78
Common Stock	11/17/2014		S ⁽¹⁾		18,059	D	\$ 89.1146
Common Stock	11/17/2014		S ⁽¹⁾		9,579	D	\$ 89.805
Common Stock	11/17/2014		S ⁽¹⁾		5,462	D	\$ 90.959

Stock						<u>(4)</u>		
Common Stock	11/17/2014		<u>S</u> ⁽¹⁾	100	D	\$ 93.99	33,592	D
Common Stock							2,570	I
								By Managed Account <u>(5)</u>

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.

SEC 1474
(9-02)

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)	5. Number of Derivative 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)	\$ 6.78	11/17/2014		<u>M</u> ⁽¹⁾	33,200	<u>(6)</u>	12/07/2014 ⁽¹⁾	Common Stock	33,200

Reporting Owners

Reporting Owner Name / Address

Relationships

Director 10% Owner Officer Other

Greene Barry E
C/O ALNYLAM PHARMACEUTICALS, INC
300 THIRD STREET
CAMBRIDGE, MA 02142

President
and COO

Signatures

/s/ Michael P. Mason, Attorney-in-Fact for: Barry
Greene

11/19/2014

**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 sales reported on this Form 4 were made pursuant to a Rule 10b5-1 trading plan adopted by the reporting person on February 19, 2014. The options exercised and sold by the reporting person were due to expire on December 7, 2014.
- (2) Sale prices ranged from \$88.54 to \$89.53.
- (3) Sale prices ranged from \$89.54 to \$90.44.
- (4) Sale prices ranged from \$90.58 to \$91.57.
- (5) The reporting person owns 2,570 shares of ALNY common stock under the ALNY 401(k) plan as a result of the ALNY 401(k) matching contribution program.
- (6) The stock option vested as to 25% of the shares on the first 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.