

KEATING LAURIE

Form 4

March 22, 2018

FORM 4**UNITED STATES SECURITIES AND EXCHANGE COMMISSION
Washington, D.C. 20549**

OMB APPROVAL

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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 SECURITIESFiled 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 *
KEATING LAURIE2. Issuer Name and Ticker or Trading Symbol
**ALNYLAM
PHARMACEUTICALS, INC.
[ALNY]**

5. Relationship of Reporting Person(s) to Issuer

(Check all applicable)

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

SVP, GC & Secretary

(Last) (First) (Middle)
300 THIRD STREET
(Street)3. Date of Earliest Transaction
(Month/Day/Year)
03/20/2018

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

6. Individual or Joint/Group Filing(Check Applicable Line)
☒ Form filed by One Reporting Person
☐ Form filed by More than One Reporting Person**CAMBRIDGE, MA 02142**

(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 (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 Indirect Beneficial Ownership (Instr. 4)
Common Stock	03/20/2018		M ⁽¹⁾	1,562 A	\$ 42.22 16,062	D	
Common Stock	03/20/2018		S ⁽¹⁾	100 D	\$ 146.36 15,962	D	
Common Stock	03/20/2018		S ⁽¹⁾	462 D	\$ 147.79 15,500	D	
Common Stock	03/20/2018		S ⁽¹⁾	500 D	\$ 149.97 15,000	D	

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Common Stock	03/20/2018	S ⁽¹⁾	200	D	\$ 151.48 (4)	14,800	D
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Common Stock	03/20/2018	S ⁽¹⁾	300	D	\$ 152.79 (5)	14,500	D
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Common Stock						257	I	by Managed Account (6)
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Reminder: Report on a separate line for each class of securities beneficially owned directly or indirectly.

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(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 (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)	8. Amount or Number of Shares
Stock Option (right to buy)	\$ 42.22	03/20/2018		M ⁽¹⁾	1,562	(7) 12/20/2026	Common Stock	1,562

Reporting Owners

Reporting Owner Name / Address	Relationships
KEATING LAURIE 300 THIRD STREET CAMBRIDGE, MA 02142	Director 10% Owner Officer Other SVP, GC & Secretary

Signatures

By: /s/ Michael P. Mason, Attorney-in-Fact For: Laurie
Keating

03/22/2018

__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) All sales reported on this Form 4 were made pursuant to a Rule 10b5-1 trading plan adopted by the reporting person on September 22, 2017.
- (2) Sale prices ranged from \$147.40 to \$148.05
- (3) Sale prices ranged from \$149.60 to \$150.54
- (4) Sale prices ranged from \$151.46 to \$151.50
- (5) Sale prices ranged from \$152.48 to \$153.30
- (6) The reporting person owns 257 shares of ALNY common stock under the ALNY 401(k) plan as a result of the ALNY 401(k) matching contribution program.
- (7) 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.

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