#### **KEATING LAURIE**

Form 4

March 22, 2018

## FORM 4

### 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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Section 16. Form 4 or Form 5 obligations may continue. See Instruction

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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

1(b).

(City)

(Print or Type Responses)

1. Name and A KEATING I	ddress of Report LAURIE	ing Person *	2. Issuer Name <b>and</b> Ticker or Trading Symbol	5. Relationship of Reporting Person(s) to Issuer		
			ALNYLAM PHARMACEUTICALS, INC. [ALNY]	(Check all applicable)		
(Last) 300 THIRD	(First) STREET	(Middle)	3. Date of Earliest Transaction (Month/Day/Year) 03/20/2018	Director 10% OwnerX Officer (give title Other (specify below) SVP, GC & Secretary		
(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		
CAMBRIDO	GE, MA 0214	2		Form filed by More than One Reporting Person		

(Zip)

(State)

Table I - Non-Derivative Securities Acquired, Disposed of, or Beneficially Owned
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1.Title of Security (Instr. 3)	2. Transaction Date (Month/Day/Year)	3. Transaction Code (Instr. 8)	4. Securi on(A) or Di (Instr. 3,	ispose	d of (D)	5. Amount of Securities Beneficially Owned Following	6. Ownership Form: Direct (D) or Indirect	7. Nature of Indirect Beneficial Ownership (Instr. 4)		
			Code V	Amount	(A) or (D)	Price	Reported Transaction(s) (Instr. 3 and 4)	(I) (Instr. 4)		
Common Stock	03/20/2018		M(1)	1,562	A	\$ 42.22	16,062	D		
Common Stock	03/20/2018		S <u>(1)</u>	100	D	\$ 146.36	15,962	D		
Common Stock	03/20/2018		S(1)	462	D	\$ 147.79 (2)	15,500	D		
Common Stock	03/20/2018		S <u>(1)</u>	500	D	\$ 149.97 (3)	15,000	D		

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

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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. Transactic Code (Instr. 8)	Transaction Derivative Code Securities		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)	\$ 42.22	03/20/2018		M <u>(1)</u>		1,562	<u>(7)</u>	12/20/2026	Common Stock	1,562

# **Reporting Owners**

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

2 Reporting Owners

### **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. 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.

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