SEC Form 4

UNITED STATES SECURITIES AND EXCHANGE COMMISSION

Washington, D.C. 20549

OMB APPROVAL

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Instruction 1(b).		Filed pursuant to Section 16(a) of the Securities Exchange Act of 1934 or Section 30(h) of the Investment Company Act of 1940	l nours per response: 0.5					
1. Name and Address of Reporting KEATING LAURIE		2. 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 X Officer (give title Other (specify below) below)					
(Last) (First) (Middle) 675 WEST KENDALL STREET HENRI A. TERMEER SQUARE		3. Date of Earliest Transaction (Month/Day/Year) 11/22/2019	EVP, Chief Legal Officer					
(Street) CAMBRIDGE MA (City) (State)	02142 (Zip)	4. If Amendment, Date of 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 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)	Code (Instr.		4. Securities Acquired (A) or Disposed Of (D) (Instr. 3, 4 and 5)			5. Amount of Securities Beneficially Owned Following Reported	6. Ownership Form: Direct (D) or Indirect (I) (Instr. 4)	7. Nature of Indirect Beneficial Ownership (Instr. 4)
			Code	v	Amount	(A) or (D)	Price	Transaction(s) (Instr. 3 and 4)		(1130. 4)
Common Stock	10/10/2019		J ⁽¹⁾	v	10	A	\$0.0 ⁽¹⁾	434	Ι	by Managed Account ⁽¹⁾
Common Stock								15,258	D	

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. Transa Code (8)		of		6. Date Exercisable and Expiration Date (Month/Day/Year)		7. Title and Amount of Securities Underlying Derivative Security (Instr. 3 and 4)		8. Price of Derivative Security (Instr. 5)	9. Number of derivative Securities Beneficially Owned Following Reported Transaction(s) (Instr. 4)	10. Ownership Form: Direct (D) or Indirect (I) (Instr. 4)	11. Nature of Indirect Beneficial Ownership (Instr. 4)
				Code	v	(A)	(D)	Date Exercisable	Expiration Date	Title	Amount or Number of Shares				
Performance Stock Option 2017 (right to buy)	\$119.13	11/22/2019		A ⁽²⁾		4,583		11/22/2019	03/01/2028	Common Stock	4,583	\$0.0	4,583	D	

Explanation of Responses:

1. Reflects shares of ALNY common stock acquired by the reporting person under the ALNY 401(k) plan as a result of the ALNY 401(k) matching contribution program.

2. On March 1, 2018, the reporting person was granted a performance based stock option to purchase shares of ALNY common stock. One third of the shares subject to the option vest upon the achievement of each of three specific clinical development, regulatory or commercial events, as approved by our compensation committee. The compensation committee of the Company determined that the first performance criterion was met on November 22, 2019 and the option vested as to the first one third of the shares as of such date.

> By: /s/ Mary Beth DeLena, Attorney-in-Fact For: Laurie **Keating**

11/26/2019

** Signature of Reporting Person Date

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

* 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.

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 Number.

Check this box if no longer subject to Section 16. Form 4 or Form 5 obligations may continue. See

FORM 4

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP