

ALNYLAM PHARMACEUTICALS, INC.

Form 4

July 11, 2017

**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 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 \*

Vaishnav Akshay

(Last) (First) (Middle)

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)

07/07/2017

4. If Amendment, Date Original Filed

(Month/Day/Year)

5. Relationship of Reporting Person(s) to Issuer

(Check all applicable)

\_\_\_ Director \_\_\_ 10% Owner  
\_X\_ Officer (give title below) \_\_\_ Other (specify below)

EVP, R&D

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) | 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) |
|---------------------------------|--------------------------------------|----------------------------------------------------|--------------------------------|-------------------------------------------------------------------|-----------------------------------------------------------------------------------------------|----------------------------------------------------------|-----------------------------------|
|                                 |                                      |                                                    |                                | (A) or (D)                                                        | Price                                                                                         |                                                          |                                   |
|                                 |                                      |                                                    |                                | Code                                                              | V                                                                                             | Amount                                                   |                                   |

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

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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 | 2. Conversion | 3. Transaction Date (Month/Day/Year) | 3A. Deemed Execution Date, if | 4. Transaction | 5. Number of Derivative | 6. Date Exercisable and Expiration Date | 7. Title and Amount Underlying Security |
|------------------------|---------------|--------------------------------------|-------------------------------|----------------|-------------------------|-----------------------------------------|-----------------------------------------|
|------------------------|---------------|--------------------------------------|-------------------------------|----------------|-------------------------|-----------------------------------------|-----------------------------------------|

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| Security (Instr. 3)                          | or Exercise Price of Derivative Security | any (Month/Day/Year) | Code (Instr. 8)  | Securities Acquired (A) or Disposed of (D) (Instr. 3, 4, and 5) | (Month/Day/Year) | (Instr. 3 and 4) |                  |                 |              |                            |
|----------------------------------------------|------------------------------------------|----------------------|------------------|-----------------------------------------------------------------|------------------|------------------|------------------|-----------------|--------------|----------------------------|
|                                              |                                          |                      | Code             | V                                                               | (A)              | (D)              | Date Exercisable | Expiration Date | Title        | Amount or Number of Shares |
| Performance Stock Option 2014 (right to buy) | \$ 96.45                                 | 07/07/2017           | A <sup>(1)</sup> |                                                                 | 11,709           |                  | 07/07/2017       | 12/17/2024      | Common Stock | 11,709                     |

## Reporting Owners

| Reporting Owner Name / Address                             | Relationships |           |          |       |
|------------------------------------------------------------|---------------|-----------|----------|-------|
|                                                            | Director      | 10% Owner | Officer  | Other |
| Vaishnav Akshay<br>300 THIRD STREET<br>CAMBRIDGE, MA 02142 |               |           | EVP, R&D |       |

## Signatures

By: /s/ Michael P. Mason, Attorney-in-Fact For: Akshay K. Vaishnav

07/11/2017

\_\_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) On December 17, 2014, 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 will vest upon the achievement of each of three specific clinical development and regulatory events, as approved by our compensation committee. Effective July 7, 2017, the compensation committee of the Company determined the second performance criteria had been met and the option vested as to one-third of the shares.

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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