

Mason Michael
Form 4
March 05, 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 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 *
Mason Michael

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

5. Relationship of Reporting Person(s) to Issuer

(Check all applicable)

____ Director
 Officer (give title below) _____ Other (specify below)
VP, Finance and Treasurer

(Last) (First) (Middle)
300 THIRD STREET
(Street)

3. Date of Earliest Transaction (Month/Day/Year)
03/01/2018

CAMBRIDGE, MA 02142

(City) (State) (Zip)

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

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 (Instr. 3 and 4) | 6. Ownership Form: Direct (D) or Indirect (I) (Instr. 4) | 7. Nature of Ownership (Instr. 4) |
|---------------------------------|--------------------------------------|--|--------------------------------|---|---|--|-----------------------------------|
| | | | | (A) or (D) | Transaction(s) (Instr. 3 and 4) | | |
| | | | | Code | V | Amount | Price |

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 of | 5. Number of Derivative | 6. Date Exercisable and Expiration Date | 7. Title and Amount of Underlying Securities | 8. I |
|------------------------|---------------|--------------------------------------|-------------------------------|-------------------|-------------------------|---|--|------|
|------------------------|---------------|--------------------------------------|-------------------------------|-------------------|-------------------------|---|--|------|

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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) | Sec (In | | |
|-----------------------------|--|----------------------|-----------------|---|------------------|------------------|-----------------|--------------|----------------------------|
| | | | Code V | (A) | (D) | Date Exercisable | Expiration Date | Title | Amount or Number of Shares |
| Stock Option (right to buy) | \$ 119.13 | 03/01/2018 | A | 4,000 <u>(1)</u> | | <u>(2)</u> | 02/28/2028 | Common Stock | 4,000 |

Reporting Owners

| Reporting Owner Name / Address | Relationships | | | |
|--|---------------|-----------|---------------------------|-------|
| | Director | 10% Owner | Officer | Other |
| Mason Michael 300 THIRD STREET CAMBRIDGE, MA 02142 | | | VP, Finance and Treasurer | |

Signatures

/s/ Michael P.
Mason
03/05/2018
Date

**Signature of Reporting Person

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).
- Represents the time-vested portion of the reporting person's Annual Stock Option Award for 2017. The reporting person also received
- (1) 4,000 options to purchase shares of ALNY common stock that will vest upon the achievement of three specific performance conditions, which will be reported on a Form 4 if and when each performance condition is met and the option vests.
 - (2) 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 the remaining shares ratably at the end of each three-month period thereafter over the following thirty-three (33) months

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.