Edgar Filing: ALNYLAM PHARMACEUTICALS, INC. - Form 4

| ALNYLAM Form 4 July 11, 201 | PHARMACEU | FICALS, 1 | INC. | | | | | | | | |
|---|---|---|--|---|---------------------|--|--|---|--|-----------------------|-----------------------|
| | | | | | | | | | OMB A | PPROVA | ۱L |
| FORM | UNITED | STATES | | RITIES shingtor | | | | COMMISSIO | N OMB Number: | 3235 | |
| Check th if no lon; subject to Section 1 Form 4 c Form 5 | ger STATEN 16. or | STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF SECURITIES | | | | | | | | | ry 31, 2005 0.5 |
| obligatio may con <i>See</i> Instr 1(b). | ns Section 17(| a) of the I | Public U | Jtility Ho | ldin | g Cor | | nge Act of 1934, of 1935 or Secti 940 | | | |
| (Print or Type] | Responses) | | | | | | | | | | |
| 1. Name and A MARAGAI | 2. Issuer Name and Ticker or Trading Symbol | | | | | 5. Relationship of Reporting Person(s) to Issuer | | | | | |
| | | | ALNYLAM PHARMACEUTICALS, INC. [ALNY] | | | | | (Check all applicable) | | | |
| (Last) | | | | 3. Date of Earliest Transaction (Month/Day/Year) 07/07/2017 | | | | _X_ Officer (give title Other (specify below) below) Chief Executive Officer | | | |
| (Street) | | | 4. If Amendment, Date OriginalFiled(Month/Day/Year) | | | | 1 | 6. Individual or Joint/Group Filing(Check Applicable Line) _X_ Form filed by One Reporting Person | | | |
| CAMBRID | GE, MA 02142 | | | | | | | Form filed by Person | | | |
| (City) | (State) | (Zip) | Tab | ole I - Non- | -Deri | vative | Securities A | cquired, Disposed | of, or Beneficia | lly Owne | d |
| 1.Title of Security (Instr. 3) | 2. Transaction Date (Month/Day/Year) | | ed Date, if | 3. Transactic Code (Instr. 8) | 4. S onAc Dis | Securit quired sposed | ies (A) or of (D) 4 and 5) (A) | 5. Amount of Securities Beneficially Owned Following Reported Transaction(s) | 6. Ownership Form: Direct (D) or Indirect (I) (Instr. 4) | 7. Nature Indirect | e of al ip |
| | | | | Code V | An | nount | or (D) Price | (Instr. 3 and 4) | | | |
| Reminder: Rep | oort on a separate line | e for each cla | ass of sec | urities ben | eficia | lly ow | ned directly of | or indirectly. | | | |
| | | | | | i | inforn requir | nation cont ed to respo | spond to the colle ained in this forn ond unless the fo ntly valid OMB co | n are not rm | 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 | 2. | 3. Transaction Date | 3A. Deemed | 4. | 5. Number of | 6. Date Exercisable and | 7. Title and Amount |
|-------------|------------|---------------------|--------------------|-----------|--------------|-------------------------|---------------------|
| Derivative | Conversion | (Month/Day/Year) | Execution Date, if | Transacti | orDerivative | Expiration Date | Underlying Securiti |

number.

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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 o (D) (Instr. 3, 4, and 5) | (Month/Day/Year) | | (Instr. 3 and 4) | |
|---|---|------------|-------------------------|-------------------|---|---|-----------------------|--------------------|------------------|------------------------------|
| | | | | Code V | V | (A) (E |) Date Exercisable | Expiration Date | Title | Amou or Numb of Sha |
| Performance Stock Option 2014 (right to buy) | \$ 96.45 | 07/07/2017 | | A <u>(1)</u> | | 25,000 | 07/07/2017 | 12/17/2024 | Common Stock | 25,0 |

Reporting Owners

| Reporting Owner Name / Address | Relationships | | | | | | | |
|-------------------------------------|---------------|--------------|-------------------------------|-------|--|--|--|--|
| | Director | 10% Owner | Officer | Other | | | | |
| MARAGANORE JOHN 300 THIRD STREET | Х | | Chief Executive Officer | | | | | |
| CAMBRIDGE, MA 02142 Signatures | | | Officer | | | | | |
| By: /s/ Michael P. Mason, Attorn | ev-in-Fact H | For: John M. | | | | | | |

| Maraganore | 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).

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

(1) one-third of the shares subject to the option will vest upon the admovement of each of three specific enheat 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. 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.