

ALNYLAM PHARMACEUTICALS, INC.

Form 4

June 05, 2008

**FORM 4****UNITED STATES SECURITIES AND EXCHANGE COMMISSION  
Washington, D.C. 20549**

OMB APPROVAL

OMB  
Number: 3235-0287  
Expires: January 31,  
2005  
Estimated average  
burden hours per  
response... 0.5Check 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 \*  
STARR KEVIN P2. 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  
☐ Officer (give title below) ☐ Other (specify  
below)

(Last) (First) (Middle)

3. Date of Earliest Transaction  
(Month/Day/Year)  
06/03/2008

300 THIRD STREET

(Street)

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

CAMBRIDGE, MA 02142

(City) (State) (Zip)

**Table I - Non-Derivative Securities Acquired, Disposed of, or Beneficially Owned**

| 1. Title of<br>Security<br>(Instr. 3) | 2. Transaction Date<br>(Month/Day/Year) | 2A. Deemed<br>Execution Date, if<br>any<br>(Month/Day/Year) | 3. Transaction<br>Code<br>(Instr. 8) | 4. Securities<br>Acquired (A) or<br>Disposed of (D)<br>(Instr. 3, 4 and 5) | 5. Amount of<br>Securities<br>Beneficially<br>Owned<br>Following<br>Reported<br>Transaction(s)<br>(Instr. 3 and 4) | 6. Ownership<br>Form: Direct<br>(D) or Indirect<br>(I)<br>(Instr. 4) | 7. Nature of<br>Indirect<br>Beneficial<br>Ownership<br>(Instr. 4) |
|---------------------------------------|-----------------------------------------|-------------------------------------------------------------|--------------------------------------|----------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------|-------------------------------------------------------------------|
|                                       |                                         |                                                             | Code                                 | V                                                                          | Amount                                                                                                             | (D)                                                                  | Price                                                             |

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

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

## Edgar Filing: ALNYLAM PHARMACEUTICALS, INC. - Form 4

| Security<br>(Instr. 3)                          | or Exercise<br>Price of<br>Derivative<br>Security | any<br>(Month/Day/Year) | Code<br>(Instr. 8) | Securities<br>Acquired (A)<br>or Disposed of<br>(D)<br>(Instr. 3, 4,<br>and 5) | (Month/Day/Year) |     | (Instr. 3 and 4)    |                    |                 |                         |
|-------------------------------------------------|---------------------------------------------------|-------------------------|--------------------|--------------------------------------------------------------------------------|------------------|-----|---------------------|--------------------|-----------------|-------------------------|
|                                                 |                                                   |                         | Code               | V                                                                              | (A)              | (D) | Date<br>Exercisable | Expiration<br>Date | Title           | Am<br>or<br>Num<br>of S |
| Non-Qualified<br>Stock Option<br>(right to buy) | \$ 27.28                                          | 06/03/2008              | A                  |                                                                                | 25,000           |     | 06/03/2009          | 06/02/2018         | Common<br>Stock | 25                      |

## Reporting Owners

| Reporting Owner Name / Address                           | Relationships |           |         |       |
|----------------------------------------------------------|---------------|-----------|---------|-------|
|                                                          | Director      | 10% Owner | Officer | Other |
| STARR KEVIN P<br>300 THIRD STREET<br>CAMBRIDGE, MA 02142 | X             |           |         |       |

## Signatures

By: /s/ Patricia L. Allen, Attorney-in-Fact For: Kevin P. Starr

06/05/2008

**\*\*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).

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.