

ALNYLAM PHARMACEUTICALS, INC.

Form 4

September 19, 2014

**FORM 4**

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

OMB APPROVAL

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**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 \*  
MARAGANORE JOHN

(Last) (First) (Middle)

C/O ALNYLAM  
PHARMACEUTICALS, INC., 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)  
09/17/2014

4. If Amendment, Date Original Filed(Month/Day/Year)

5. Relationship of Reporting Person(s) to Issuer

(Check all applicable)

Director  10% Owner  
 Officer (give title below)  Other (specify below)  
Chief Executive Officer

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 Following Reported Transaction(s) (Instr. 3 and 4)	6. Ownership Form: Direct (D) or Indirect (I) (Instr. 4)	7. Nature of Indirect Ownership (Instr. 4)
			Code	V Amount (A) or (D) Price			
Common Stock	05/23/2014		G	V 1,700 D \$ 0	104,620	D	
Common Stock	09/17/2014		M <sup>(1)</sup>	56,834 A \$ 7.47	161,454	D	
Common Stock	09/17/2014		S <sup>(1)</sup>	3,400 D \$ 74.736 <sup>(2)</sup>	158,054	D	
Common Stock	09/17/2014		S <sup>(1)</sup>	13,899 D \$ 75.6452	144,155	D	

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					(3)			
Common Stock	09/17/2014	S <sup>(1)</sup>	23,286	D	\$ 76.5403	120,869	D	
Common Stock	09/17/2014	S <sup>(1)</sup>	15,849	D	\$ 77.7144	105,020	D	
Common Stock	09/17/2014	S <sup>(1)</sup>	400	D	\$ 78.1044	104,620	D	
Common Stock	09/18/2014	M <sup>(1)</sup>	56,834	A	\$ 7.47	161,454	D	
Common Stock	09/18/2014	S <sup>(1)</sup>	18,962	D	\$ 78.118	142,492	D	
Common Stock	09/18/2014	S <sup>(1)</sup>	37,872	D	\$ 79.2287	104,620	D	
Common Stock						2,689	I	By Managed Account <sup>(9)</sup>

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

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**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. Transaction Code (Instr. 8)	5. Number of Derivative Securities Acquired (A) or Disposed of (D) (Instr. 3, 4, and 5)	6. Date Exercisable and Expiration Date (Month/Day/Year)	7. Title and Amount of Underlying Securities (Instr. 3 and 4)	Amount or Number of Shares
Stock Option (Right to Buy)	\$ 7.47	09/17/2014		M <sup>(1)</sup>	56,834	12/21/2005 12/21/2014 <sup>(1)</sup>	Common Stock	56,834

