

ALNYLAM PHARMACEUTICALS, INC.

Form 4

December 16, 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 *
Mason Michael

(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)
12/12/2014

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)
VP, Finance and Treasurer

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 Beneficial Ownership (Instr. 4)
			Code	V Amount (D) Price			
Common Stock	12/15/2014		M ⁽¹⁾	4,563 A \$ 9.14	6,100	D	
Common Stock	12/15/2014		M ⁽¹⁾	7,937 A \$ 10.98	14,037	D	
Common Stock	12/15/2014		M ⁽¹⁾	3,750 A \$ 7.1	17,787	D	
Common Stock	12/15/2014		M ⁽¹⁾	4,375 A \$ 18.66	22,162	D	

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Common Stock	12/15/2014	<u>S⁽¹⁾</u>	8,704	D	<u>\$ 95.0996</u> <u>(2)</u>	13,458	D	
Common Stock	12/15/2014	<u>S⁽¹⁾</u>	4,128	D	<u>\$ 95.9674</u> <u>(3)</u>	9,330	D	
Common Stock	12/15/2014	<u>S⁽¹⁾</u>	1,400	D	<u>\$ 97.1179</u> <u>(4)</u>	7,930	D	
Common Stock	12/15/2014	<u>S⁽¹⁾</u>	900	D	<u>\$ 98.4833</u> <u>(5)</u>	7,030	D	
Common Stock	12/15/2014	<u>S⁽¹⁾</u>	1,475	D	<u>\$ 99.7349</u> <u>(6)</u>	5,555	D	
Common Stock	12/15/2014	<u>S⁽¹⁾</u>	1,835	D	<u>\$</u> <u>100.5161</u> <u>(7)</u>	3,720	D	
Common Stock	12/15/2014	<u>S⁽¹⁾</u>	2,000	D	<u>\$ 101.747</u> <u>(8)</u>	1,720	D	
Common Stock	12/15/2014	<u>S⁽¹⁾</u>	900	D	<u>\$</u> <u>102.5622</u> <u>(9)</u>	820	D	
Common Stock	12/15/2014	<u>S⁽¹⁾</u>	820	D	<u>\$</u> <u>103.6001</u> <u>(10)</u>	0	D	
Common Stock						1,986	I	By Managed Account <u>(11)</u>

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 Underlying (Instr. 3)	
						Date Exercisable	Expiration Date	Title
				Code	V (A) (D)			

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- On December 18, 2013, 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
- (12) regulatory events, as approved by the compensation committee of the Company. Effective December 12, 2014, the compensation committee of the Company determined the first performance criteria had been met and the option was vested as to one-third of the shares.
- (13) The stock option vests as to 25% of the shares on the first anniversary of the date of the stock option grant and as to an additional 6.25% of the shares each successive three-month period thereafter.

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