FORM 4

UNITED STATES SECURITIES AND EXCHANGE COMMISSION

Washington, [D.C.	20549
---------------	------	-------

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP

OMB APPROVAL								
OMB Number:	3235-0287							
Estimated average burden								
hours per response:	0.5							

Check this box if no longer subject to Section 16. Form 4 or Form 5 obligations may continue. See Instruction 1(b). Filed pursuant to Section 16(a) of the Securities Exchange Act of 1934 or Section 30(h) of the Investment Company Act of 1940

1. Name and Address of Reporting Person* Tanguler Tolga					<u>AI</u> _ [A	2. Issuer Name and Ticker or Trading Symbol ALNYLAM PHARMACEUTICALS, INC. [ALNY]							(Che	eck all appli Directo	nship of Reportin I applicable) Director Officer (give title		son(s) to Iss 10% Ov Other (s below)	wner (specify	
(Last) 675 WES	,	irst) ALL STREET	(Middle)			3. Date of Earliest Transaction (Month/Day/Year) 03/01/2024									EVP,	er			
HENRI A. TERMEER SQUARE					4. I1	4. If Amendment, Date of Original Filed (Month/Day/Year)							6. Individual or Joint/Group Filing (Check Applicable Line)						
(Street)	IDGE M	1A	02142													iled by Mor		orting Person One Repo	- 1
(City) (State) (Zip)					Rı	Rule 10b5-1(c) Transaction Indication													
						Check this box to indicate that a transaction was made pursuant to a contract, instruction or written plan that is intended to satisfy the affirmative defense conditions of Rule 10b5-1(c). See Instruction 10.													
		Tab	le I - Nor	n-Deriv	ative	Sec	curitie	s Ac	quired,	Dis	posed c	of, or B	ene	ficiall	y Owned	i			
1. Title of Security (Instr. 3) 2. Transac Date (Month/Date)						Execution Date,			Transaction Disposed (Code (Instr. 5)		ities Acquired (A) or d Of (D) (Instr. 3, 4 and		(A) or 3, 4 and	5. Amou Securitie Benefici Owned F Reporte	es For ally (D) Following (I) (n: Direct r Indirect estr. 4)	7. Nature of Indirect Beneficial Ownership	
									Code	v	Amount	(A) (D)	or	Price	Transact (Instr. 3	tion(s)			(Instr. 4)
Common Stock 03/01/					1/2024	4			A		4,751	(1)	1	\$0.0	9,9	987 ⁽²⁾		D	
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)	Execution Date, if any		4. Transaction Code (Instr. 8)				6. Date Exercisabl Expiration Date (Month/Day/Year)		Amount of			8. Price of Derivative Security (Instr. 5)	9. Number derivative Securities Beneficially Owned Following Reported Transaction (Instr. 4)	ly	10. Ownership Form: Direct (D) or Indirect (I) (Instr. 4)	Beneficial Ownership t (Instr. 4)	
					Code	v	(A)	(D)	Date Exercisab		xpiration ate	Title	or Nu of	umber					
Stock Option (right to buy)	\$152.61	03/01/2024			A		9,279		(3)	0	3/01/2034	Commor Stock	9	,279	\$0.0	9,279		D	

Explanation of Responses:

- 1. These shares are represented by restricted stock units (RSUs) granted under the Amended and Restated 2018 Stock Incentive Plan. Each RSU represents a contingent right to receive one share of common stock. The RSUs will vest over a three-year period, with one third vesting on each of the first, second and third anniversaries of the grant date, subject to the Reporting Persons continuous service with the Issuer as of each such vesting date.
- 2. The Reporting Person has reported prior awards of RSUs in Table II of Form 4. The total reported in Column 5 includes the 4,751 newly awarded RSUs and 5,236 shares of common stock. The Reporting Person also holds 3,333 unvested RSUs that were previously reported in Table II.
- 3. The stock option vests as to 25% of the shares on the first anniversary of the grant date and the remaining shares vesting in equal installments at the end of each successive three-month period thereafter until the fourth anniversary of the grant date, subject to the Reporting Persons continuous service with the Issuer as of each such vesting date.

By: Stephen Hall, Attorney-in-Fact For: Tolga Tanguler

03/05/2024

** Signature of Reporting Person

Date

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

- * 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.

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 Number.