

Check 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

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* KWON YOUNG (Last) (First) (Middle) C/O MOMENTA PHARMACEUTICALS, INC. 301 BINNEY STREET (Street) CAMBRIDGE MA 02142 (City) (State) (Zip)	2. Issuer Name and Ticker or Trading Symbol MOMENTA PHARMACEUTICALS INC [MNTA]	5. Relationship of Reporting Person(s) to Issuer (Check all applicable) Director 10% Owner <input checked="" type="checkbox"/> Officer (give title below) Other (specify below) SVP, Corporate Development
	3. Date of Earliest Transaction (Month/Day/Year) 05/08/2018	

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	(A) or (D)	Price			
Common Stock	05/08/2018		M ⁽¹⁾		1,409	A	\$0	143,320	D	
Common Stock	05/08/2018		S ⁽²⁾		493	D	\$18.08	142,827	D	
Common Stock	05/09/2018		M ⁽²⁾		5,000	A	\$13.26	147,827	D	
Common Stock	05/09/2018		S ⁽²⁾		5,000	D	\$21.9	142,827	D	
Common Stock	05/09/2018		M ⁽²⁾		2,000	A	\$15.44	144,827	D	
Common Stock	05/09/2018		S ⁽²⁾		2,000	D	\$21.9	142,827	D	
Common Stock	05/09/2018		M ⁽²⁾		2,000	A	\$12.58	144,827	D	
Common Stock	05/09/2018		S ⁽²⁾		2,000	D	\$21.9	142,827	D	
Common Stock	05/09/2018		M ⁽²⁾		3,000	A	\$17.96	145,827	D	
Common Stock	05/09/2018		S ⁽²⁾		3,000	D	\$21.9	142,827	D	
Common Stock	05/09/2018		M ⁽²⁾		2,000	A	\$13.02	144,827	D	
Common Stock	05/09/2018		S ⁽²⁾		2,000	D	\$21.9	142,827	D	
Common Stock	05/09/2018		S ⁽²⁾		296	D	\$21.9	142,531	D	
Common Stock	05/09/2018		S ⁽²⁾		204	D	\$21.9	142,327	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)	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 Securities Underlying Derivative Security (Instr. 3 and 4)	8. Price of Derivative Security (Instr. 5)	9. Number of derivative Securities Beneficially Owned Following Reported Transaction(s) (Instr. 4)	10. Ownership Form: Direct (D) or Indirect (I) (Instr. 4)	11. Nature of Indirect Beneficial Ownership (Instr. 4)	
				Code	V	(A)	(D)	Date Exercisable	Expiration Date						Title
Restricted Stock Units	(3)	05/08/2018		M ⁽¹⁾			1,409	(4)	(4)	Common Stock	1,409	\$0	15,504	D	
Stock Option(Right to Buy)	\$13.26	05/09/2018		M ⁽²⁾			5,000	02/22/2015	02/22/2021	Common Stock	5,000	\$0	52,000	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)	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 Securities Underlying Derivative Security (Instr. 3 and 4)		8. Price of Derivative Security (Instr. 5)	9. Number of derivative Securities Beneficially Owned Following Reported Transaction(s) (Instr. 4)	10. Ownership Form: Direct (D) or Indirect (I) (Instr. 4)	11. Nature of Indirect Beneficial Ownership (Instr. 4)
				Code	V	(A)	(D)	Date Exercisable	Expiration Date	Title	Amount or Number of Shares				
Stock Option(Right to Buy)	\$15.44	05/09/2018		M ⁽²⁾			2,000	02/14/2016	02/14/2022	Common Stock	2,000	\$0	26,000	D	
Stock Option(Right to Buy)	\$12.58	05/09/2018		M ⁽²⁾			2,000	02/19/2017	02/19/2023	Common Stock	2,000	\$0	26,800	D	
Stock Option(Right to Buy)	\$17.96	05/09/2018		M ⁽²⁾			3,000	02/18/2018	02/18/2024	Common Stock	3,000	\$0	31,986	D	
Stock Option(Right to Buy)	\$13.02	05/09/2018		M ⁽²⁾			2,000	02/18/2018	02/18/2025	Common Stock	2,000	\$0	33,725	D	

Explanation of Responses:

- Shares received pursuant to settlement of Restricted Stock Units that were granted on February 7, 2017.
- This transaction was effected pursuant to a Rule 10b5-1 trading plan.
- Restricted Stock Units convert into common stock on a one-for-one basis.
- Subject to certain criteria, the restricted stock units will vest with respect to 25% of the shares on the first anniversary of the grant date, and the remainder will vest in equal quarterly installments over the subsequent three years.

/s/ Alejandra Carvajal as 05/10/2018
attorney in fact

** 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.

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