

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* <b>KWON YOUNG</b>  (Last) (First) (Middle) <b>C/O MOMENTA PHARMACEUTICALS, INC.</b> <b>301 BINNEY STREET</b>  (Street) <b>CAMBRIDGE MA 02142</b>  (City) (State) (Zip)	2. Issuer Name and Ticker or Trading Symbol <b>MOMENTA PHARMACEUTICALS INC</b> <b>[ MNTA ]</b>	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) <b>SVP, Corporate Development</b>
	3. Date of Earliest Transaction (Month/Day/Year) <b>05/17/2018</b>	

**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	05/17/2018		M <sup>(1)</sup>		5,000	A	\$13.26	146,975	D	
Common Stock	05/17/2018		S <sup>(1)</sup>		5,000	D	\$22.9	141,975	D	
Common Stock	05/17/2018		M <sup>(1)</sup>		2,000	A	\$15.44	143,975	D	
Common Stock	05/17/2018		S <sup>(1)</sup>		2,000	D	\$22.9	141,975	D	
Common Stock	05/17/2018		M <sup>(1)</sup>		2,000	A	\$12.58	143,975	D	
Common Stock	05/17/2018		S <sup>(1)</sup>		2,000	D	\$22.9	141,975	D	
Common Stock	05/17/2018		M <sup>(1)</sup>		3,000	A	\$17.96	144,975	D	
Common Stock	05/17/2018		S <sup>(1)</sup>		3,000	D	\$22.9	141,975	D	
Common Stock	05/17/2018		M <sup>(1)</sup>		2,000	A	\$13.02	143,975	D	
Common Stock	05/17/2018		S <sup>(1)</sup>		2,000	D	\$22.9	141,975	D	
Common Stock	05/17/2018		S <sup>(1)</sup>		787	D	\$22.9	141,188	D	
Common Stock	05/17/2018		S <sup>(1)</sup>		213	D	\$22.9	140,975	D	
Common Stock	05/21/2018		S <sup>(1)</sup>		351	D	\$23.4	140,624	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
Stock Option(Right to Buy)	\$13.26	05/17/2018		M <sup>(1)</sup>			5,000	02/22/2015	02/22/2021	Common Stock	5,000	\$0	47,000	D	
Stock Option(Right to Buy)	\$15.44	05/17/2018		M <sup>(1)</sup>			2,000	02/14/2016	02/14/2022	Common Stock	2,000	\$0	24,000	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
Stock Option(Right to Buy)	\$12.58	05/17/2018		M <sup>(1)</sup>			2,000	02/19/2017	02/19/2023	Common Stock	2,000	\$0	24,800	D	
Stock Option(Right to Buy)	\$17.96	05/17/2018		M <sup>(1)</sup>			3,000	02/18/2018	02/18/2024	Common Stock	3,000	\$0	28,986	D	
Stock Option(Right to Buy)	\$13.02	05/17/2018		M <sup>(1)</sup>			2,000	05/18/2018	02/18/2025	Common Stock	2,000	\$0	31,725	D	

**Explanation of Responses:**

1. This transaction was effected pursuant to a Rule 10b5-1 trading plan.

/s/ Marie T. Washburn as  
attorney in fact

05/21/2018

\*\* 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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