Koestler Thomas P Form 3 January 24, 2011 FORM 3 UNITED STATES SECURITIES AND EXCHANGE COMMISSION Washington, D.C. 20549

INITIAL STATEMENT OF 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 <u>*</u> Koestler Thomas P	2. Date of Event Requiring Statement (Month/Day/Year)	3. Issuer Name and Ticker or Trading Symbol MOMENTA PHARMACEUTICALS INC [MNTA]				
(Last) (First) (Middle)	01/19/2011				5. If Amendment, Date Original Filed(Month/Day/Year)	
675 WEST KENDALL ST				i nea(moi	iuis Duy, i cui)	
(Street)		(Check all applicable) 6. Indi		6. Individ	vidual or Joint/Group	
CAMBRIDGE, MA 02172)GE, MA 02172			_X_Form Person Form	Filing(Check Applicable Line) _X_ Form filed by One Reporting Person Form filed by More than One Reporting Person	
(City) (State) (Zip)	Table I - N	Non-Derivative Securities Beneficially Owned				
1.Title of Security (Instr. 4)	2. Amount o Beneficially (Instr. 4)	Owned C F D o (1	Ownership C form: (1 Direct (D) r Indirect	. Nature of Ind wnership instr. 5)	irect Beneficial	
Reminder: Report on a separate line for ea owned directly or indirectly.	ach class of securities benefic	ially SEC	2 1473 (7-02)			
information cont required to respo currently valid O	pond to the collection of ained in this form are not ond unless the form displ MB control number. rities Beneficially Owned (<i>e</i> .	ays a	arrants, ontio	ns. convertible	e securities)	
	Thes bencheany owned (e	.g., puts, cans, we	arrants, option	ns, convertible	, securities)	
(Instr. 4) Expi	ration Date Securiti	and Amount of es Underlying ive Security	4. Conversion or Exercise Price of Derivative	5. Ownership Form of Derivative Security:	6. Nature of Indirect Beneficial Ownership (Instr. 5)	

Security

Amount or

Number of

Shares

Direct (D)

or Indirect

(Instr. 5)

(I)

Date

Exercisable

Expiration

Title

Date

OMB APPROVAL

Estimated average burden hours per

3235-0104

January 31,

2005

0.5

OMB

Number:

Expires:

response...

Reporting Owners

Reporting Owner Name / Address	Relationships				
	Director	10% Owner	Officer	Other	
Koestler Thomas P 675 WEST KENDALL ST CAMBRIDGE, MA 02172	ÂX	Â	Â	Â	
Signatures					
/s/ Michael Flanagan as attorned in fact	y 01/23/2011				
**Signature of Reporting Person	Date				

Explanation of Responses:

No securities are beneficially owned

* If the form is filed by more than one reporting person, see Instruction 5(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).

Â

Remarks:

Dr. Koestler was elected as a director of the issuer effective January 19, 2011.

Note: File three copies of this Form, one of which must be manually signed. If space is insufficient, *See* Instruction 6 for procedure. Potential persons who are to respond to the collection of information contained in this form are not required to respond unless the form displays a currently valid OMB number.