

Sinskey Anthony J  
 Form 5  
 February 13, 2013

**FORM 5**

**UNITED STATES SECURITIES AND EXCHANGE COMMISSION  
 Washington, D.C. 20549**

OMB APPROVAL

OMB Number: 3235-0362  
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Check this box if no longer subject to Section 16. Form 4 or Form 5 obligations may continue. See Instruction 1(b).  
 Form 3 Holdings Reported Form 4 Transactions Reported

**ANNUAL 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

1. Name and Address of Reporting Person \*  
 Sinskey Anthony J

2. Issuer Name and Ticker or Trading Symbol  
 MERRIMACK PHARMACEUTICALS INC [MACK]

5. Relationship of Reporting Person(s) to Issuer

(Check all applicable)

Director  10% Owner  
 Officer (give title below)  Other (specify below)

(Last) (First) (Middle)

3. Statement for Issuer's Fiscal Year Ended (Month/Day/Year)  
 12/31/2012

C/O MERRIMACK PHARMACEUTICALS, INC., ONE KENDALL SQUARE, SUITE B7201

(Street)

4. If Amendment, Date Original Filed(Month/Day/Year)

6. Individual or Joint/Group Reporting

(check applicable line)

CAMBRIDGE, MA 02139

Form Filed by One Reporting Person  
 Form Filed by More than One Reporting Person

(City) (State) (Zip)

**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 at end of Issuer's Fiscal Year (Instr. 3 and 4)	6. Ownership Form: Direct (D) or Indirect (I) (Instr. 4)	7. Nature of Ownership (Instr. 4)
Common Stock	09/07/2012	Â	G <sup>(1)</sup>	81,736 D \$ 0	324,782	I	By Trust
Common Stock	09/07/2012	Â	G <sup>(1)</sup>	16,185 A \$ 0	340,967	D	Â
	09/07/2012	Â	G <sup>(1)</sup>	18,027 A \$ 0	358,994	I	By Trust

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Common  
Stock

Common Stock	09/07/2012	Â	G <sup>(1)</sup>	8,194	A	\$ 0	367,188	I	By Trust
Common Stock	09/07/2012	Â	G <sup>(1)</sup>	3,277	A	\$ 0	370,465	I	By Trust
Common Stock	09/07/2012	Â	G <sup>(1)</sup>	3,278	A	\$ 0	373,743	I	By Trust

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

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(9-02)

**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 Underlying Securities (Instr. 3 and 4)	8. Price of Derivative Security (Instr. 5)	9. of D Se B O E Is F (I
						Date Exercisable	Expiration Date	Title	Amount or Number of Shares
						(A)	(D)		

## Reporting Owners

**Reporting Owner Name / Address**

**Relationships**

Director 10% Owner Officer Other

Sinskey Anthony J  
C/O MERRIMACK PHARMACEUTICALS, INC.  
ONE KENDALL SQUARE, SUITE B7201  
CAMBRIDGE, MA 02139

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## Signatures

/s/ Jeffrey A. Munsie,  
attorney-in-fact

02/13/2013

\*\*Signature of Reporting Person

Date

## Explanation of Responses:

- \* 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).
- (1) This transaction involved the distribution by a grantor retained annuity trust to, among others, the reporting person and various trusts of which the reporting person's wife is a trustee.

Note: File three copies of this Form, one of which must be manually signed. If space provided 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.