Mills Roger Form 4 March 26, 2012

FORM 4

UNITED STATES SECURITIES AND EXCHANGE COMMISSION

Washington, D.C. 20549

Check this box if no longer subject to Section 16. Form 4 or

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF **SECURITIES**

Form 5 obligations may continue. See Instruction

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 *

Mills Roger

(City)

1(b).

2. Issuer Name and Ticker or Trading

Symbol

ACADIA PHARMACEUTICALS INC [ACAD]

(Last) (First) (Middle) 3. Date of Earliest Transaction

> (Month/Day/Year) 03/23/2012

3911 SORRENTO VALLEY BLVD

(Street) 4. If Amendment, Date Original

Filed(Month/Day/Year)

(Zip)

5. Relationship of Reporting Person(s) to

Issuer

(Check all applicable)

OMB APPROVAL

3235-0287

January 31,

2005

0.5

OMB

Number:

Expires:

response...

Estimated average

burden hours per

Director 10% Owner Other (specify Officer (give title

below) below) EXEC VP

6. Individual or Joint/Group Filing(Check Applicable Line) _X_ Form filed by One Reporting Person

Form filed by More than One Reporting

Person

SAN DIEGO, CA 92121

1. Title of 2. Transaction Date 2A. Deemed Security (Month/Day/Year) (Instr. 3)

(State)

Execution Date, if (Month/Day/Year)

3. Code (Instr. 8)

TransactionAcquired (A) or Disposed of (D) (Instr. 3, 4 and 5)

Code V Amount (D) Price

4. Securities

(A)

5. Amount of Owned

Table I - Non-Derivative Securities Acquired, Disposed of, or Beneficially Owned

Securities Beneficially Following Reported Transaction(s)

6. Ownership 7. Nature of Form: Direct (D) or Indirect Beneficial (T) (Instr. 4)

Indirect Ownership (Instr. 4)

(Instr. 3 and 4)

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

Persons who respond to the collection of SEC 1474 information contained in this form are not (9-02)required to respond unless the form displays a currently valid OMB control number.

Table II - Derivative Securities Acquired, Disposed of, or Beneficially Owned (e.g., puts, calls, warrants, options, convertible securities)

1. Title of Derivative Conversion Security or Exercise

3. Transaction Date 3A. Deemed (Month/Day/Year)

Execution Date, if any

4. 5. Number of TransactionDerivative Code Securities

6. Date Exercisable and **Expiration Date** (Month/Day/Year)

7. Title and Amount of **Underlying Securities** (Instr. 3 and 4)

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(Instr. 3)	Price of Derivative Security		(Month/Day/Year)	(Instr.	8)	Acquired (A) or Disposed of (D) (Instr. 3, 4, and 5)					
				Code	V	(A)	(D)	Date Exercisable	Expiration Date	Title	Amount or Number of Shares
Stock Option (right to buy)	\$ 1.18	03/23/2012		A		175,000		<u>(1)</u>	03/22/2022	Common Stock	175,000

Reporting Owners

Reporting Owner Name / Address Relationships

Director 10% Owner Officer Other

Mills Roger

3911 SORRENTO VALLEY BLVD EXEC VP

SAN DIEGO, CA 92121

Signatures

/s/ Uli Hacksell, Attorney-in-Fact 03/26/2012

**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) 25% of the shares subject to the Stock Option vest and become exercisable on March 23, 2013. The remaining shares vest and become exercisable thereafter in 36 equal monthly installments.

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.

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