

# SECURITIES AND EXCHANGE COMMISSION

## FORM 4

Statement of changes in beneficial ownership of securities

Filing Date: **2013-01-10** | Period of Report: **2013-01-10**  
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### REPORTING OWNER

#### Rasmussen Torsten

CIK: **1291881**

Type: **4** | Act: **34** | File No.: **000-50768** | Film No.: **13524009**

Mailing Address  
SMEDENS AGER 6  
NORUP  
DK-7182 BREDSTEN G7  
DK-7182

### ISSUER

#### ACADIA PHARMACEUTICALS INC

CIK: **1070494** | IRS No.: **061376651** | State of Incorporation: **DE** | Fiscal Year End: **1231**  
SIC: **2834** Pharmaceutical preparations

Mailing Address  
3911 SORRENTO VALLEY  
BLVD  
SAN DIEGO CA 92121

Business Address  
3911 SORRENTO VALLEY  
BLVD  
SAN DIEGO CA 92121  
858-558-2871

# FORM 4

Check this box if no longer subject to Section 16. Form 4 or Form 5 obligations may continue. See Instruction 1(b).

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

| OMB APPROVAL                                |            |
|---|------------|
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### STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP

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<br><b>Rasmussen Torsten</b> |         |          | 2. Issuer Name and Ticker or Trading Symbol<br><b>ACADIA PHARMACEUTICALS INC</b><br><b>[ACAD]</b> |  |  | 5. Relationship of Reporting Person(s) to Issuer<br>(Check all applicable)<br><input checked="" type="checkbox"/> Director <input type="checkbox"/> 10% Owner<br><input type="checkbox"/> Officer (give title below) <input type="checkbox"/> Other (specify below) |  |  |
| (Last)  | (First) | (Middle) | 3. Date of Earliest Transaction (Month/Day/Year)<br><b>01/10/2013</b>                             |  |  | 6. Individual or Joint/Group Filing<br>(Check applicable line)<br><input checked="" type="checkbox"/> Form Filed by One Reporting Person<br><input type="checkbox"/> Form Filed by More than One Reporting Person   |  |  |
| 3911 SORRENTO VALLEY BLVD   |         |          | 4. If Amendment, Date Original Filed(Month/Day/Year)  |  |  |   |  |  |
| (Street)<br><b>SAN DIEGO, CA 92121</b>                              |         |          |   |  |  |   |  |  |
| (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 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                    | 01/10/2013                           |  | M                              |   | 4,500   | A          | \$1.08 | 8,500   | I  | See footnote (1)                                      |

**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 of Derivative Security: 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)                | \$1.08   | 01/10/2013                           |  | M                              |   | 4,500   |     | (2)  | 03/16/2013      | Common stock  | 4,500                                      | \$ 0   | 0  | I  | See footnote (1) |

**Explanation of Responses:**

- Shares and options are held by Morgan Management ApS, a Danish corporation in which Mr. Rasmussen has a controlling interest.
- Immediately.

## Signatures

/s/ Uli Hacksell, Attorney-in-Fact

\*\* Signature of Reporting Person

01/10/2013

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.

**Persons who respond to the collection of information contained in this form are not required to respond unless the form displays a currently valid OMB Number.**