Rasmussen Torsten Form 4 September 13, 2005

UNITED STATES SECURITIES AND EXCHANGE COMMISSION

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF

Washington, D.C. 20549

if no longer subject to Section 16. Form 4 or

Check this box

SECURITIES Form 5 obligations

may continue. See Instruction 1(b).

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 *

Rasmussen Torsten Symbol

(First)

ACADIA PHARMACEUTICALS

2. Issuer Name and Ticker or Trading

INC [ACAD]

3. Date of Earliest Transaction

(Month/Day/Year) 3911 SORRENTO VALLEY BLVD. 09/09/2005

(Middle)

(Street) 4. If Amendment, Date Original

Filed(Month/Day/Year)

SAN DIEGO, CA 92121

5. Relationship of Reporting Person(s) to

OMB

Number:

Expires:

response...

Estimated average

burden hours per

OMB APPROVAL

3235-0287

January 31,

2005

0.5

Issuer

(Check all applicable)

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

6. Individual or Joint/Group Filing(Check

Applicable Line)

X Form filed by One Reporting Person Form filed by More than One Reporting

Person

Transaction(s)

(Instr. 3 and 4)

(City) (State) (Zip) Table I - Non-Derivative Securities Acquired, Disposed of, or Beneficially Owned

1.Title of Security (Instr. 3)

(Last)

2. Transaction Date 2A. Deemed (Month/Day/Year)

Execution Date, if (Month/Day/Year)

3. 4. Securities TransactionAcquired (A) or Code Disposed of (D) (Instr. 3, 4 and 5) (Instr. 8)

Code V Amount (D) Price

5. Amount of Securities Beneficially Owned Following Reported

Form: Direct (I)

6. Ownership 7. Nature of Indirect (D) or Indirect Beneficial Ownership

(Instr. 4) (Instr. 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 Transaction of Derivative Expiration Date Code Securities

(A)

or

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

7. Title and Amount of 8. l Underlying Securities De (Instr. 3 and 4) Sec

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(In

(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)	\$ 11	09/09/2005		A		8,500		<u>(1)</u>	09/08/2015	Common Stock	8,500	

Reporting Owners

Reporting Owner Name / Address	Keiationsinps						
	Director	10% Owner	Officer	Other			
Rasmussen Torsten							
3911 SORRENTO VALLEY BLVD.	X						

Signatures

/s/ Thomas H. Aasen, Attorney-in-Fact

SAN DIEGO, CA 92121

09/13/2005

**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).
- One-fourth of the shares subject to the Stock Option shall vest and become exercisable at the end of each 3-month period following June

Deletionships

(2) By Morgan Management ApS, a Danish corporation.

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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