

Coughlin Timothy P  
 Form 4  
 February 14, 2008

**FORM 4**

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

OMB APPROVAL

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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).

**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

(Print or Type Responses)

1. Name and Address of Reporting Person \*  
 Coughlin Timothy P

2. Issuer Name and Ticker or Trading Symbol  
 NEUROCRINE BIOSCIENCES INC [NBIX]

5. Relationship of Reporting Person(s) to Issuer  
 (Check all applicable)  
 \_\_\_ Director \_\_\_ 10% Owner  
 Officer (give title below) \_\_\_ Other (specify below)  
 VP and Chief Financial Officer

(Last) (First) (Middle)  
 NEUROCRINE BIOSCIENCES, INC., 12790 EL CAMINO REAL  
 (Street)

3. Date of Earliest Transaction (Month/Day/Year)  
 02/12/2008

SAN DIEGO, CA 92130

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

6. Individual or Joint/Group Filing(Check Applicable Line)  
 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 Following Reported Transaction(s) (Instr. 3 and 4) | 6. Ownership Form: Direct (D) or Indirect (I) (Instr. 4) | 7. Nature of Ownership (Instr. 4) |
|---------------------------------|--------------------------------------|--|--------------------------------|---|---|--|-----------------------------------|
|                                 |                                      |  |                                | (A) or (D)  | Price   |  |                                   |
|                                 |                                      |  |                                | Code V  | Amount  |  |                                   |
| Common Stock                    | 02/12/2008                           |  | S                              | 400   | D   | \$ 4.96  | 19,161 D                          |
| Common Stock                    | 02/12/2008                           |  | S                              | 357   | D   | \$ 4.97  | 18,804 D                          |
| Common Stock                    | 02/12/2008                           |  | S                              | 1,000   | D   | \$ 4.98  | 17,804 D                          |
| Common Stock                    | 02/12/2008                           |  | S                              | 400   | D   | \$ 4.99  | 17,404 D                          |
| Common Stock                    | 02/12/2008                           |  | S                              | 1,400   | D   | \$ 5   | 16,004 D                          |

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|              |            |                  |       |   |         |        |   |
|--------------|------------|------------------|-------|---|---------|--------|---|
| Common Stock | 02/12/2008 | S                | 300   | D | \$ 5.01 | 16,704 | D |
| Common Stock | 02/12/2008 | S                | 700   | D | \$ 5.02 | 15,004 | D |
| Common Stock | 02/12/2008 | S                | 300   | D | \$ 5.03 | 14,704 | D |
| Common Stock | 02/12/2008 | S                | 1,100 | D | \$ 5.04 | 13,604 | D |
| Common Stock | 02/12/2008 | S                | 1,000 | D | \$ 5.05 | 12,604 | D |
| Common Stock | 02/12/2008 | S                | 400   | D | \$ 5.08 | 12,204 | D |
| Common Stock | 02/12/2008 | S                | 300   | D | \$ 5.1  | 11,904 | D |
| Common Stock | 02/12/2008 | S <sup>(1)</sup> | 200   | D | \$ 5.17 | 11,704 | D |

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. Number of Derivative Securities Beneficially Owned (Instr. 6) |
|--|--|--------------------------------------|--|--------------------------------|---|--|---|--|--|
|--|--|--------------------------------------|--|--------------------------------|---|--|---|--|--|

| Date Exercisable | Expiration Date | Title | Amount or Number of Shares |
|------------------|-----------------|-------|----------------------------|
| Code             | V               | (A)   | (D)                        |

## Reporting Owners

Reporting Owner Name / Address

Relationships

Director    10% Owner    Officer    Other

Coughlin Timothy P  
NEUROCRINE BIOSCIENCES, INC.  
12790 EL CAMINO REAL  
SAN DIEGO, CA 92130

VP and Chief Financial Officer

## Signatures

Margaret E. Valeur-Jensen, By Power of  
Attorney

02/14/2008

\_\_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).

Sale of 7,857 shares of common stock issued upon vesting of 19,333 restricted stock units on February 11, 2008 to cover payroll and  
(1) withholding taxes, with the balance of the shares (11,476) maintained by the Reporting Person; the sale was effected by a broker pursuant to instructions set forth in a Rule 10b5-1 plan adopted by the Reporting Person and delivered to the broker on March 22, 2007.

Note: File three copies of this Form, one of which must be manually signed. If space is insufficient, *see* Instruction 6 for procedure.  
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