## FORM 4

obligations may continue. See Instruction 1(b).

## UNITED STATES SECURITIES AND EXCHANGE COMMISSION

| Washington, | D.C. | 20549 |
|-------------|------|-------|
|             |      |       |

| Check this box if no longer subject to<br>Section 16. Form 4 or Form 5 | STATEMENT OF CHANGES IN BENEFICIAL | OWNERSHIP |
|--|------------------------------------|-----------|
| Occident 10. Form 4 of Form 5  |                                    |           |

OMB APPROVAL OMB Number: Estimated average burden hours per response: 0.5

Filed pursuant to Section 16(a) of the Securities Exchange Act of 1934 or Section 30(h) of the Investment Company Act of 1940

| Name and Address of Reporting Person*     VALE WYLIE W               |   |  |  | 2. Issuer Name and Ticker or Trading Symbol  NEUROCRINE BIOSCIENCES INC  NBIX ] |   |                       |                |                                   |                     |  |                     |   |               |              | tionship of Reporting<br>all applicable)<br>Director<br>Officer (give title |   | p Person(s) to Issuer  10% Owner  Other (specify                  |   |  |
|--|---|--|--|---|---|-----------------------|----------------|-----------------------------------|---------------------|--|---------------------|---|---------------|--------------|---|---|---|---|--|
| (Last) (First) (Middle) THE SALK INSTITUTE 10010 N.TORREY PINES ROAD |   |  |  |   | 3. Date of Earliest Transaction (Month/Day/Year) 12/21/2005 |                       |                |                                   |                     |  |                     |   |               |              |   | belo                                      | w) ``   | below   | )``  |
| (Street)   | .A CA   | A 9  | )2037  |   | -   4. IT   | Ame                   | enament,       | , Date o                          | of Original         | Filea  | (Month/Da           | ау/ үе  | ear)          |              | Line)   | Forn                                      | n filed by One<br>n filed by Mor                                  | Filing (Check A<br>Reporting Person than One Rep                  | son  |
| (City)   | (St   | ate) (                                     | Zip)   |   |   |                       |                |                                   |                     |  |                     |   |               |              |   |   |   |   |  |
| 1. Title of Security (Instr. 3) 2. Tra                               |   |  | 2. Trans                                     | action 2A. D<br>Exect<br>Day/Year) if any                                       |   | 2A. Deem<br>Execution | ned<br>n Date, | 3.<br>Transaction<br>Code (Instr. |                     |  |                     |   |               | or           | 5. Amount of<br>Securities<br>Beneficially<br>Owned Following<br>Reported   |   | 6. Ownership<br>Form: Direct<br>(D) or Indirect<br>(I) (Instr. 4) | 7. Nature<br>of Indirect<br>Beneficial<br>Ownership<br>(Instr. 4) |  |
|  |   |  |  |   |   |                       |                |                                   | Code                | v  | Amount              |   | (A) or<br>(D) | Pri          | ce  | Transaction(s)<br>(Instr. 3 and 4)        |   |   |  |
| Common   | Stock   |  |  | 12/21   | L/ <b>200</b> 5   | 5                     |                |                                   | S <sup>(1)</sup>    |  | 2,700               |   | D             |              | \$65  | 2   | 48,672  | D   |  |
| Common   | Stock   |  |  | 12/21   | L/ <b>200</b> 5   | 5                     |                |                                   | S <sup>(1)</sup>    |  | 3,700               |   | D             | \$6          | 55.01   | 2   | 44,972  | D   |  |
| Common   | Stock   |  |  | 12/21   | L/ <b>200</b> 5   | 5                     |                |                                   | S <sup>(1)</sup>    |  | 2,028               |   | D             | \$6          | 55.02   | 2   | 42,944  | D   |  |
| Common   | Stock   |  |  | 12/21   | L/ <b>200</b> 5   | 5                     |                |                                   | S <sup>(1)</sup>    |  | 272                 |   | D             | \$6          | 55.03   | 2   | 42,672  | D   |  |
| Common   | Stock   |  |  | 12/21   | L/ <b>200</b> 5   | 5                     |                |                                   | S <sup>(1)</sup>    |  | 100                 |   | D             | \$6          | 55.04   | 2   | 42,572  | D   |  |
| Common   | Stock   |  |  | 12/21   | L/ <b>200</b> 5   | 5                     |                |                                   | S <sup>(1)</sup>    |  | 1,200               |   | D             | \$6          | 55.08   | 2   | 41,372  | <b>D</b> <sup>(2)</sup>   |  |
|  |   | Та   |  |   |   |                       |                |                                   |                     |  | sed of,<br>onvertib |   |               |              |   | wned                                      |   |   |  |
| 1. Title of<br>Derivative<br>Security<br>(Instr. 3)                  | 2.<br>Conversion<br>or Exercise<br>Price of<br>Derivative<br>Security | 3. Transaction<br>Date<br>(Month/Day/Year) | 3A. Deem<br>Execution<br>if any<br>(Month/Da | Date,   | 4.<br>Transa<br>Code (<br>8)                                |                       | of E           |                                   | Expiratio           | 6. Date Exercis<br>Expiration Date<br>(Month/Day/Ye: |                     | 7. Title and<br>Amount of<br>Securities<br>Underlying<br>Derivative<br>Security (Instr.<br>and 4) |               | )<br>nstr. : | Der<br>Sec<br>(Ins  | Price of<br>rivative<br>curity<br>str. 5) | ative derivative<br>ity Securities                                | Ownership<br>Form:<br>Direct (D)<br>or Indirect<br>(I) (Instr. 4) | 11. Nature<br>of Indirect<br>Beneficial<br>Ownership<br>(Instr. 4) |
|  |   |  |  |   | Code  | <br> v                | (A) (D)        |                                   | Date<br>Exercisable |  | Expiration<br>Date  | Amoul<br>or<br>Number<br>of<br>Title Shares   |               | ımbeı        |   |   |   |   |  |

## **Explanation of Responses:**

- 1. The reported sale was effected by a broker pursuant to instructions set forth in a Rule 10b5-1 trading plan adopted by the Reporting Person and delivered to the broker on August 9, 2005.
- 2. 172,777 shares are held by the Reporting Person; 68,595 shares held indirectly by WBV Limited Liability Company

## Remarks:

Margaret E. Valeur-Jensen, By Power of Attorney

12/22/2005

\*\* Signature of Reporting Person

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.