FORM 4

## UNITED STATES SECURITIES AND EXCHANGE COMMISSION

Washington, D.C. 20549

| OMB APPROVAL             |           |  |  |  |  |  |  |  |  |
|--------------------------|-----------|--|--|--|--|--|--|--|--|
| OMB Number:              | 3235-0287 |  |  |  |  |  |  |  |  |
| Estimated average burden |           |  |  |  |  |  |  |  |  |
| hours per response:      | 0.5       |  |  |  |  |  |  |  |  |

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

## STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP

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

|  | nd Address of  | 2. Issuer Name and Ticker or Trading Symbol NEUROCRINE BIOSCIENCES INC NBIX   |         |   |        |  |  |  |                   |      |  | Relationshi<br>eck all app<br>Direc    | olicable)               | ing P  | erson(s) to I   |  |           |  |   |
|--|--|---|---------|---|--------|--|--|--|-------------------|------|--|--|-------------------------|--|---|--|-----------|--|---|
| (Last) (First) (Middle) 12780 EL CAMINO REAL   |  |   |         |   |        | 3. Date of Earliest Transaction (Month/Day/Year) 06/01/2018                            |  |  |                   |      |  |  |                         |  | belov   | ,  |           | Other (s<br>below)<br>al Officer                                   | specify   |
| (Street) SAN DIEGO CA 92130 (City) (State) (Zip)   |  |   |         |   |        | 4. If Amendment, Date of Original Filed (Month/Day/Year) 06/05/2018                    |  |  |                   |      |  |  |                         |  | ndividual or Joint/Group Filing (Check Applicable e)  X Form filed by One Reporting Person Form filed by More than One Reporting Person |  |           |  |   |
| (e.g)  |  | Rule 10b5-1(c) Transaction Indication  Check this box to indicate that a transaction was made pursuant to a contract, instruction or written plan that is intended to satisfy the affirmative defense conditions of Rule 10b5-1(c). See Instruction 10. |         |   |        |  |  |  |                   |      |  |  |                         |  |   |  |           |  |   |
|  |  | Table   | l - Noi | n-Deriva                                | tive S | ecui   | rities                                       | Acq  | uired, I          | Disp | osed of  | , or I                                 | Bene                    | eficia   | lly Owr   | ned  |           |  |   |
| 1. Title of Security (Instr. 3)  2. Transact Date (Month/Day)  |  |   |         |   |        | Exec<br>if any   | Deemed<br>cution Date,<br>y<br>nth/Day/Year) |  |                   |      |  | ties Acquired (A<br>I Of (D) (Instr. 3 |                         |  | Securi<br>Benefi<br>Owned   | 5. Amount of<br>Securities<br>Beneficially<br>Owned<br>Following |           | m: Direct<br>or<br>rect (I)  | 7. Nature<br>of Indirect<br>Beneficial<br>Ownership<br>(Instr. 4) |
|  |  |   |         |   |        |  |  |  | Code              | v    | Amount   | (A) or (D)                             |                         | Price  |   | orted<br>nsaction(s)<br>tr. 3 and 4)                             |           |  |   |
| Common Stock   |  |   |         |   |        |  |  |  |                   |      |  |  | 16,960(1)               |  |   | D  |           |  |   |
| Table II - Derivative Securities Acquired, Disposed of, or Beneficially Owned (e.g., puts, calls, warrants, options, convertible securities) |  |   |         |   |        |  |  |  |                   |      |  |  |                         |  |   |  |           |  |   |
| 1. Title of<br>Derivative<br>Security<br>(Instr. 3)  | titive Conversion Date Execution Date, or Exercise (Month/Day/Year) if any |   |         | 4.<br>Transaction<br>Code (Instr.<br>8) |        | 5. Number of Derivative Securities Acquired (A) or Disposed of (D) (Instr. 3, 4 and 5) |  | 6. Date Exercisable and<br>Expiration Date<br>(Month/Day/Year) |                   |      | 7. Title and<br>Amount of<br>Securities<br>Underlying<br>Derivative<br>Security<br>(Instr. 3 and |  | 14)                     | 3. Price of<br>Derivative<br>Security<br>Instr. 5) | 9. Number<br>derivative<br>Securities<br>Beneficiall<br>Owned<br>Following<br>Reported<br>Transactio<br>(Instr. 4)                      | Owners<br>Form:<br>Direct (<br>or Indir<br>(I) (Inst             | Ownership | 11. Nature<br>of Indirect<br>Beneficial<br>Ownership<br>(Instr. 4) |   |
|  |  |   |         |   | Code   | v  | (A)  | (D)  | Date<br>Exercisal |      | Expiration<br>Date   | Title                                  | or<br>Num<br>of<br>Shar |  |   |  |           |  |   |

## Explanation of Responses:

1. The initial Form 4 filed on 06/05/2018 inadvertently omitted 300 shares that the reporting person owned directly caused by the transposition of two digits.

## Remarks:

/s/ Darin Lippoldt, Attorney-

05/11/2023

in-Fact

\*\* Signature of Reporting Person Date

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

- $^{\star}$  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.