FORM 4

obligations may continue. See Instruction 1(b).

Check this box if no longer subject to Section 16. Form 4 or Form 5

## UNITED STATES SECURITIES AND EXCHANGE COMMISSION

Washington, D.C. 20549

## STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP

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

| 1. Name and Address of Reporting Person*  SHALLCROSS STEVEN A |   |  |   |         |                     | Vanda Pharmaceuticals Inc. [ VNDA ]                         |   |             |   |   |  |  |  | heck all appli<br>Direct  | ionship of Reporting Pe<br>all applicable)  Director  Officer (give title<br>below)  Sr. VP, CFO, T               |   | on(s) to Iss<br>10% Ov<br>Other (s                                       | wner   |
|---|---|--|---|---------|---------------------|---|---|-------------|---|---|--|--|--|---|---|---|--|--|
| (Last) (First) (Middle) 9605 MEDICAL CENTER DRIVE, SUITE 300  |   |  |   |         |                     | 3. Date of Earliest Transaction (Month/Day/Year) 09/18/2007 |   |             |   |   |  |  |  | helow)  |   |   | below)   | specify  |
| (Street) ROCKVILLE MD 20850                                   |   |  |   |         | 4. If               | 4. If Amendment, Date of Original Filed (Month/Day/Year)    |   |             |   |   |  |  |  | Individual or Joint/Group Filing (Check Applicable Line)     X Form filed by One Reporting Person     Form filed by More than One Reporting |   |   |  |  |
| (City) (State) (Zip)  |   |  |   |         |                     |   |   |             |   |   |  |  | Person                                 |   |   |   |  |  |
|   |   | Tab  | le I - No                                   | n-Deri  | vative              | Se  | curit   | ies Acc     | quired,                                 | Dis   | posed (  | of, or Be  | neficia                                | lly Owne  | d   |   |  |  |
| 1. Title of Security (Instr. 3)  2. Transac Date (Month/Da    |   |  |   |         |                     | ır) E   | 2A. Deemed<br>Execution Date,<br>if any<br>(Month/Day/Year) |             | 3.<br>Transaction<br>Code (Instr.<br>8) |   | 4. Securities Acquired (A)<br>Disposed Of (D) (Instr. 3, |  |  | Benefic<br>Owned  | ies<br>cially<br>Following  | 6. Ownership<br>Form: Direct<br>(D) or Indirect<br>(I) (Instr. 4) | : Direct<br>Indirect<br>str. 4)  | 7. Nature<br>of Indirect<br>Beneficial<br>Ownership                |
|   |   |  |   |         |                     |   |   |             | Code                                    | v   | Amount   | (A) or<br>(D)  | Price                                  | Reporte<br>Transac<br>(Instr. 3   | tion(s)   |   |  | (Instr. 4)   |
| Common Stock 09/18/2  |   |  |   |         | /2007 <sup>(1</sup> | 1)  |   |             | M                                       |   | 1,731  | . A  | \$0.82                                 | 74 1,   | 4 1,731   |   | D  |  |
| Common Stock 09/18/2  |   |  |   |         | /2007(1             | 1)  |   |             | M                                       |   | 1,569  | ) A  | \$4.73                                 | 29 1,   | ,569  |   | D  |  |
| Common Stock 09/18/2  |   |  |   |         | /2007 <sup>(1</sup> | J07 <sup>(1)</sup>  |   |             | S                                       |   | 3,300  | D  | \$14.8                                 | 31  | 0   |   | D  |  |
|   |   | T  | able II -                                   |         |                     |   |   |             |   |   |  | , or Ben<br>ble secเ   |  | y Owned   |   |   |  |  |
| 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/D | n Date, |                     | ansaction<br>de (Instr.                                     |   | 5. Number 6 |   | 6. Date Exercis.<br>Expiration Date<br>(Month/Day/Yea |  | 7. Title and<br>Amount of<br>Securities<br>Underlying<br>Derivative Security<br>(Instr. 3 and 4) |  | 8. Price of<br>Derivative<br>Security<br>(Instr. 5)   | 9. Number<br>derivative<br>Securities<br>Beneficial<br>Owned<br>Following<br>Reported<br>Transactio<br>(Instr. 4) | is<br>lly   | 10.<br>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                | v   | (A)   |             | Date<br>Exercisal                       |   | Expiration<br>Date                                       | Title  | Amount<br>or<br>Number<br>of<br>Shares |   |   |   |  |  |
| Employee<br>Stock<br>Option<br>(Right to<br>Buy)              | \$4.7329  | 09/18/2007 <sup>(1)</sup>                  |   |         | M                   |   |   | 1,569       | (2)                                     | 1   | 12/29/2015   | Common<br>Stock  | 1,569                                  | \$0.00  | 66,36   | 1   | D  |  |
| Employee<br>Stock<br>Option<br>(Right to                      | \$0.8274  | 09/18/2007 <sup>(1)</sup>                  |   |         | M                   |   |   | 1,731       | (2)                                     |   | 11/14/2015   | Common<br>Stock  | 1,731                                  | \$0.00  | 45,000  | 5   | D  |  |

## **Explanation of Responses:**

- 1. Transaction was administered pursuant to an authorized 10b5-1 plan.
- 2. Exercisable with respect to 25% of the shares one year after the grant, exercisable with respect to an additional 2.08333% of the aggregate shares each month thereafter.

## Remarks:

/s/ Steven A. Shallcross

09/20/2007

\*\* 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.