FORM 4

## **UNITED STATES SECURITIES AND EXCHANGE COMMISSION**

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

| Check this box if no longer subject<br>Section 16. Form 4 or Form 5<br>obligations may continue. See<br>Instruction 1(b). | to: |
|---|-----|
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## STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP

OMB APPROVAL

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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*  BOGER JOSHUA S  (Corp.) (Middle)                      |                     |  |                                    |                  | VEI   | RTEX PHAR [ VRTX ]                                   |                      |  |   | (Che                 | X Director  X Officer (give title below)  State of the control of |                                  |   |   |                                 |
|---|---------------------|--|------------------------------------|------------------|---|--|----------------------|--|---|----------------------|---|----------------------------------|---|---|---------------------------------|
| (Last) (First) (Middle)  C/O VERTEX PHARMACEUTICALS  INCORPORATED                               |                     |  |                                    |                  |   | e of Earliest Trans                                  | action (M            | onth/[   | Day/Year)   |                      | below)  |                                  | nt & CEO  |   |                                 |
| 130 WAV   | /ERLY STI           | REET   | 4. If A                            | mendment, Date o | f Original  | Filed  | (Month/Day/          | 6. Inc   |   | Joint/Group          | Filing (Check /   | Applicable                       |   |   |                                 |
| (Street) CAMBR  | IDGE M              | ΙA   | 02139                              |                  |   |  |                      |  |   |                      | ) Line,   | Form f                           | Form filed by One Reporting Person  Form filed by More than One Reportson |   | - 1                             |
| (City)  | (S                  | tate)  | (Zip)                              |                  |   |  |                      |  |   |                      |   |                                  |   |   |                                 |
|   |                     | Tab  | le I - No                          | n-Deriv          | ative \$  | Securities Acc                                       | quired,              | Dis  | posed of,   | or Ben               | eficially   | / Owned                          | l   |   |                                 |
| 1. Title of Security (Instr. 3)  2. Trans. Date (Month/I  |                     |  |                                    |                  | 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, 4<br>5) |   | (A) or<br>. 3, 4 and |   | es<br>ally<br>Following          | 6. Ownership<br>Form: Direct<br>(D) or Indirect<br>(I) (Instr. 4)         | 7. Nature<br>of Indirect<br>Beneficial<br>Ownership |                                 |
|   |                     |  |                                    |                  |   |  | Code                 | v  | Amount  | (A) or<br>(D)        | Price   | Reporte<br>Transaci<br>(Instr. 3 | tion(s)   |   | (Instr. 4)                      |
| Common  | Stock               |  |                                    | 11/20/           | /2007   |  | М                    |  | 17,500  | A                    | \$13.67   | 1,11                             | 3,342   | D   |                                 |
| Common  | Stock               |  |                                    | 11/20/           | /2007   |  | S <sup>(1)(2)</sup>  |  | 1,800   | D                    | \$25.73   | 1,11                             | 1,542   | D   |                                 |
| Common  | Stock               |  |                                    | 11/20/           | /2007   |  | S <sup>(1)(3)</sup>  |  | 1,400   | D                    | \$25.63   | 1,11                             | 0,142   | D   |                                 |
| Common  | Stock               |  |                                    | 11/20/           | /2007   |  | S <sup>(1)(4)</sup>  |  | 1,200   | D                    | \$25.54   | 1,10                             | 8,942   | D   |                                 |
| Common  | Stock               |  |                                    | 11/20/           | /2007   |  | S <sup>(1)(5)</sup>  |  | 1,417   | D                    | \$25.45   | 1,10                             | 7,525   | D   |                                 |
| Common  | Stock               |  |                                    | 11/20/           | /2007   |  | S <sup>(1)(6)</sup>  |  | 783   | D                    | \$25.36   | 1,10                             | 6,742   | D   |                                 |
| Common  | Stock               |  |                                    | 11/20/           | /2007   |  | S <sup>(1)(7)</sup>  |  | 700   | D                    | \$25.25   | 1,10                             | 6,042   | D   |                                 |
| Common  | Stock               |  |                                    | 11/20/           | /2007   |  | S <sup>(1)(8)</sup>  |  | 300   | D                    | \$25.19   | 1,10                             | 5,742   | D   |                                 |
| Common  | Stock               |  |                                    | 11/20/           | /2007   |  | S <sup>(1)(9)</sup>  |  | 300   | D                    | \$25.05   | 1,10                             | 5,442   | D   |                                 |
| Common  | Stock               |  |                                    | 11/20/           | /2007   |  | S <sup>(1)</sup>     |  | 200   | D                    | \$24.96   | 1,10                             | 5,242   | D   |                                 |
| Common  | Stock               |  |                                    | 11/20/           | /2007   |  | S <sup>(1)</sup>     |  | 100   | D                    | \$24.83   | 1,10                             | 5,142   | D   |                                 |
| Common  | Stock               |  |                                    | 11/20/           | /2007   |  | S <sup>(1)(10)</sup> |  | 500   | D                    | \$24.74   | 1,104,642                        |   | D   |                                 |
| Common  | Stock               |  |                                    | 11/20/           | /2007   |  | S <sup>(1)(11)</sup> |  | 1,000   | D                    | \$24.65   | 1,10                             | 3,642   | D   |                                 |
| Common  | Stock               |  |                                    | 11/20/           | /2007   |  | S <sup>(1)(12)</sup> |  | 900   | D                    | \$24.55   | 1,10                             | 2,742   | D   |                                 |
| Common  | Stock               |  |                                    | 11/20/           | /2007   |  | S <sup>(1)(13)</sup> |  | 1,200   | D                    | \$24.45   | 1,10                             | 1,542   | D   |                                 |
| Common  | Stock               |  |                                    | 11/20/           | /2007   |  | S <sup>(1)(14)</sup> |  | 1,100   | D                    | \$24.34   | 1,10                             | 0,442   | D   |                                 |
| Common  | Stock               |  |                                    | 11/20/           | /2007   |  | S <sup>(1)(15)</sup> |  | 2,000   | D                    | \$24.24   | 1,09                             | 8,442   | D   |                                 |
| Common  | non Stock 11/20/2   |  |                                    |                  | /2007   |  | S <sup>(1)(16)</sup> |  | 1,400   | D                    | \$24.14   | 1,09                             | 7,042   | D   |                                 |
| Common  | Stock               |  |                                    | 11/20/           | /2007   |  | S <sup>(1)(17)</sup> |  | 700   | D                    | \$24.04   | 1,09                             | 6,342   | D   |                                 |
| Common  | ommon Stock 11/20/2 |  | /2007                              |                  | S <sup>(1)(18)</sup>  |  | 500                  | D  | \$23.96   | 1,09                 | 5,842   | D                                |   |   |                                 |
| Common  | Stock               |  |                                    |                  |   |  |                      |  |   |                      |   | 12                               | ,445  | I   | 401(k)                          |
| Common Stock  |                     |  |                                    |                  |   |  |                      |  |   |                      |   | 207                              | 7,500   | I   | Shares in trust <sup>(20)</sup> |
|   |                     | -  | Table II -                         |                  |   | ecurities Acqualls, warrants,                        |                      |  |   |                      |   | Owned                            |   |   |                                 |
| Derivative   Conversion   Date   Execution   Security   Or Exercise   (Month/Day/Year)   if any |                     | 3A. Deem<br>Execution<br>if any<br>(Month/Da | emed 4.<br>ion Date, Trans<br>Code |                  | 5. Number of  | 6. Date Exercis<br>Expiration Date<br>(Month/Day/Yes |                      | able and 7   | 7. Title and Am<br>of Securities<br>Underlying<br>Derivative Secu<br>(Instr. 3 and 4) |                      | 8. Price of<br>Derivative<br>Security<br>(Instr. 5)   | derivative<br>Securities         | Ownersh<br>Form:<br>Direct (D<br>or Indire<br>(I) (Instr.                 | Beneficial Ownership (Instr. 4)                     |                                 |
|   |                     |  |                                    |                  |   |  |                      |  |   |                      |   |                                  |   |   |                                 |

|  |  | -                                     | able II - Deriv<br>(e.g.,                          |          |       |  |   | uired, Dis<br>, options,  |                    |                 |  | Owned                  |  |   |  |
|--|--|---------------------------------------|--|----------|-------|--|---|---|--------------------|-----------------|--|------------------------|--|---|--|
| 1. Title of Derivative Security (Instr. 3) | 2Conversion or Exercise Price of Derivative Security | 3. Transaction  Date (Month/Day/Year) | 3A. Deemed Execution Date, if any (Month/Day/Year) | Code (8) | ction | of<br>Deri<br>Sec<br>Acq<br>(A) o<br>Disp<br>of (I | ivative<br>urities<br>juired<br>or<br>posed<br>D) (Instr.<br>and 5) | ExBetis Enter of Statis and Expiration Date (Month/Day/Year) Underlying Derivative Securit (Instr. 3 and 4) |                    |                 |  | Derivative<br>Security | 9. Number of<br>derivative<br>Securities<br>Beneficially<br>Owned<br>Following<br>Reported<br>Transaction(s)<br>(Instr. 4) | 10. Ownership Form: Direct (D) or Indirect (I) (Instr. 4) | 11. Nature of Indirect Beneficial Ownership (Instr. 4) |
|  |  |                                       |  | Code     | v     | (A)  | (D)   | Date<br>Exercisable   | Expiration<br>Date | Title           | Amount<br>or<br>Number<br>of<br>Shares |                        |  |   |  |
| Stock<br>Option                            | \$13.67  | 11/20/2007                            |  | M        |       |  | 17,500  | (19)  | 12/11/2007         | Common<br>Stock | 17,500                                 | \$0                    | 105,186  | D   |  |

## **Explanation of Responses:**

- 1. Transaction for sales of common stock made pursuant to Dr. Boger's company approved trading plan established under Rule 10b5-1.
- 2. Aggregate sales made at prices between \$25.70 and \$25.80.
- 3. Aggregate sales made at prices between \$25.60 and \$25.69.
- 4. Aggregate sales made at prices between \$25.50 and \$25.59.
- 5. Aggregate sales made at prices between \$25.40 and \$25.49.
- 6. Aggregate sales made at prices between \$25.30 and \$25.39.
- 7. Aggregate sales made at prices between \$25.21 and \$25.29.
- 8. Aggregate sales made at prices between \$25.18 and \$25.19.
- 9. Aggregate sales made at prices between \$25.01 and \$25.09.
- 10. Aggregate sales made at prices between \$24.72 and \$24.78.
- 11. Aggregate sales made at prices between \$24.60 and \$24.69.
- 12. Aggregate sales made at prices between \$24.51 and \$24.59.
- 13. Aggregate sales made at prices between \$24.41 and \$24.49.
- 14. Aggregate sales made at prices between \$24.30 and \$24.39.
- 15. Aggregate sales made at prices between \$24.20 and \$24.29.
- 16. Aggregate sales made at prices between \$24.10 and \$24.19.
- 17. Aggregate sales made at prices between \$24.00 and \$24.07.
- 18. Aggregate sales made at prices between \$23.91 and \$23.99.
- 19. Fully vested.
- 20. Shares held in trust for Dr. Boger's children. Dr. Boger disclaims beneficial ownership of such shares.

## Remarks:

Kenneth S. Boger, Attorney-In-

Fact

\*\* 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.