FORM 4

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

| Machinatan  | D C  | 20540 |  |
|-------------|------|-------|--|
| Nashington, | D.C. | 20049 |  |

| <b>STATEMENT</b> | <b>OF CHANGES</b> | IN BENEFICIAL | <b>OWNERSHIP</b> |
|------------------|-------------------|---------------|------------------|

| OMB APPF            | ROVAL     |
|---------------------|-----------|
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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).

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

|  | e and Address of Reporting Person* <u>c Carmen</u> (First) (Middle) |                    |                                   |                 |        | 2. Issuer Name and Ticker or Trading Symbol     VERTEX PHARMACEUTICALS INC /     MA [ VRTX ]      3. Date of Earliest Transaction (Month/Day/Year) |                      |         |                      |                                       |                                   |                          | heck all a<br>Dir<br>Y Off                      | nip of Reportion of Prophicable) ector cer (give title ow) |                              | 10% Ov<br>Other (s<br>below)                        | wner          |         |
|--|---|--------------------|-----------------------------------|-----------------|--------|--|----------------------|---------|----------------------|---------------------------------------|-----------------------------------|--------------------------|---|--|------------------------------|---|---------------|---------|
| INCORE   | RTEX PHA<br>PORATED<br>THERN AV                                     | RMACEUTICA<br>ENUE | LS                                |                 |        | 9/202  |                      | Date o  | of Origin            | al File                               | d (Month/Da                       | y/Year)                  | 6.<br>Lir                                       | ne)<br><mark>X</mark> Fo                                   | or Joint/Grou                | p Filing  | (Check A      | on      |
| (Street)   | N M   | A 0                | 2210                              |                 | Rul    | e 10   | )b5-                 | 1(c)    | Tran                 | ısac                                  | tion Indi                         | catior                   | <br>1   |  | m filed by Mo<br>son         | ore than  | One Repo      | orting  |
| (City)   | (Sta  | ate) (Z            | Zip)                              |                 |        | Check the atisfy the   | nis box<br>ne affirn | to indi | cate that<br>defense | a trans<br>conditi                    | saction was ma<br>ions of Rule 10 | ade pursu<br>0b5-1(c). § | ant to a d<br>See Instru                        | contract, in:<br>oction 10.                                | truction or writ             | ten plan t  | that is inter | nded to |
|  |   | Table              | I - No                            | n-Deriva        | tive S | Secur  | ities                | Acq     | uired                | , Dis                                 | posed of                          | , or Be                  | nefici  | ally Ow  | ned                          |   |               |         |
| Date   |   |                    | 2. Transact<br>Date<br>(Month/Day | Execution Date, |        | xecution Date,<br>fany   |                      |         |                      | s Acquired (A)<br>of (D) (Instr. 3, 4 |                                   | d Secu<br>Ben<br>Own     | nount of<br>rities<br>eficially<br>ed Following | Form:  | Direct<br>Indirect<br>tr. 4) | 7. Nature<br>of Indirect<br>Beneficial<br>Ownership |               |         |
|  |   |                    |                                   |                 |        |  |                      | Code    | v                    | Amount                                | (A) or<br>(D)                     | Price                    | Tran  | Reported<br>Fransaction(s)<br>Instr. 3 and 4)              |                              |   | (Instr. 4)    |         |
| Common Stock 02/09/2   |   |                    | 024                               |                 |        |  |                      |         | (0)                  |                                       | (,,,,,,                           |                          |   |  |                              |   |               |         |
| Table II - Derivative Securities Acquired, Disposed of, or Beneficially Owned (e.g., puts, calls, warrants, options, convertible securities) |   |                    |                                   |                 |        |  |                      |         |                      |                                       |                                   |                          | \$422   | <del>-  `</del>  | 46,810                       | I   | D             |         |
|  | Stock   | Tal                | ole II -                          |                 | ve Se  |  |                      |         |                      |                                       |                                   | D<br>or Ben              | eficial   | 74 ly Own  |                              | I   | D             |         |

**Explanation of Responses:** 

Remarks:

/s/ Christiana Stevenson, Attorney-in-Fact

02/13/2024

\*\* Signature of Reporting Person

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

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.

<sup>\*</sup> If the form is filed by more than one reporting person, see Instruction 4 (b)(v).

<sup>\*\*</sup> Intentional misstatements or omissions of facts constitute Federal Criminal Violations See 18 U.S.C. 1001 and 15 U.S.C. 78ff(a).