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 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

| 1. Name and Address of Reporting Person MCGLYNN MARGARET G | | | | | <u>V</u> | 2. Issuer Name and Ticker or Trading Symbol VERTEX PHARMACEUTICALS INC / | | | | | | | | 5. Relationship of Reporting Person(s) to Issuer (Check all applicable) X Director 10% Owner | | | | | | |
|--|---|--|--------|-----------------|---------------|---|---|-------------------------|---|--|---|---|-----------------------------------|---|---|--|---|--|---|--|
| | | | | | | MA [VRTX] | | | | | | | | X Director | | | | | · I | |
| (Last) | | | | | | | | | | | below) | (give title | | Other (below) | specity | | | | | |
| , , | | 3. Date of Earliest Transaction (Month/Day/Year) | | | | | | | | | | | | | | | | | | |
| C/O VERTEX PHARMACEUTICALS INCORPORATED | | | | | | 04/08/2022 | | | | | | | | | | | | | | |
| 50 NORTHERN AVENUE | | | | | | If Amendment, Date of Original Filed (Month/Day/Year) | | | | | | | | 6. Individual or Joint/Group Filing (Check Applicable | | | | | | |
| (Stroot) | | | | | - | | | | | | | | | Ne Form filed by One Benerting Person | | | | | | |
| (Street) BOSTO | N M | Δ (| 02210 |) | | | | | | | | | | X Form filed by One Reporting Person | | | | | - 1 | |
| BOSTON MA 02210 | | | | | _ | | | | | | | | | | Form filed by More than One Reporting Person | | | | orung | |
| (City) | (S | tate) (| (Zip) | | | | | | | | | | | | | | | | | |
| Table I - Non-Derivative Securities Acquired, Disposed of, or Beneficially Owned | | | | | | | | | | | | | | | | | | | | |
| 1. Title of Security (Instr. 3) 2. Transaction Date (Month/Day/Ye | | | | | | Execution Date, | | Date, | 3. Transaction Code (Instr. 8) | | 4. Securities Acquired (A) or Disposed Of (D) (Instr. 3, 4 and | | | Benefi Owned | | es ially Following | 6. Ownership Form: Direct (D) or Indirect (I) (Instr. 4) | | 7. Nature of Indirect Beneficial Ownership | |
| | | Code | v | Amount | (A) or (D) | | | Price | | Reported Transaction(s) (Instr. 3 and 4) | | | | (Instr. 4) | | | | | | |
| Common Stock 04/08/202 | | | | | 022 | 2 | | | M | | 5,000 | A | \$127.5 | 7.54 | | 5,099 | | D | | |
| Common Stock 04/08/202 | | | | 022 | 2 | | | S ⁽¹⁾ | | 4,900 | D | \$280.19 | .19(2)(3) | | ,199 | | D | | | |
| Common Stock 04/08/20 | | | 022 | .2 | | | S ⁽¹⁾ | | 100 | D | \$281.4 | 281.49 | | 1,099 | | D | | | | |
| | | Ţ | able | | | | | | | | sposed of | | | | vned | | | | | |
| | | 1 | | | puts, | calls | _ | | | | s, converti | ble se | curities) | _ | | | | | | |
| 1. Title of Derivative Security (Instr. 3) | 2. Conversion or Exercise Price of Derivative Security | 3. Transaction Date (Month/Day/Year) | if any | tion Date, Tran | | action (Instr. | 5. Number of Derivative Securities Acquired (A) or Disposed of (D) (Instr. 3, 4 and 5) | | 6. Date Exe Expiration I (Month/Day | | | 7. Title Amoun Securiti Underly Derivati (Instr. 3 | t of es ring ve Security | Der | Price of erivative ecurity 1str. 5) | 9. Number derivative Securities Beneficiall Owned Following Reported Transactio (Instr. 4) | ly C | 10. Ownership Form: Direct (D) or Indirect (I) (Instr. 4) | Beneficial Ownership (Instr. 4) | |
| | | | | | | v | (A) | | | | | | Amoun | | | | | | | |
| | | | | | Code | | | (D) | Date Exerc | cisable | Expiration Date | Title | Number of Shares | | | | | | | |
| Stock Option (Right to | \$127.54 | 04/08/2022 | | | M | | | 5,000 | | (4) | 05/31/2025 | Commo Stock | n 5,000 | \$ | 60.00 | 5,000 | | D | | |

Explanation of Responses:

- 1. Transaction made pursuant to Ms. McGlynn's company approved trading plan under Rule 10b5-1.
- 2. Ms. McGlynn undertakes to provide (upon request by the SEC staff, the issuer or a security holder of the issuer) full information regarding the number of shares sold at each separate price.
- 3. Open market sales reported on this line occurred at a weighted average price of \$280.19 (range \$280.00 to \$280.95).
- 4. Fully vested.

Remarks:

/s/ Sabrina Yohai, Attorney-in-Fact

** Signature of Reporting Person Date

04/12/2022

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.