FORM 4

## UNITED STATES SECURITIES AND EXCHANGE COMMISSION

Washington, D.C. 20549

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP

|     | OMB APPROVAL        |           |  |  |  |  |  |  |  |  |
|-----|---------------------|-----------|--|--|--|--|--|--|--|--|
|     | OMB Number:         | 3235-0287 |  |  |  |  |  |  |  |  |
|     | Estimated average b | urden     |  |  |  |  |  |  |  |  |
| - 1 | 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*  Khattar Jack A. |  |            |          |                   | SU               | 2. Issuer Name and Ticker or Trading Symbol SUPERNUS PHARMACEUTICALS, INC. |  |  |        |   |             |   |                             | Relationship of Reporting Person(s) to Issuer (Check all applicable)     X Director 10% Owner |   |   |                               |  |                                       |  |  |
|   |  |            |          |                   |                  | [ SUPN ]   |  |  |        |   |             |   |                             | Office (class 19)   |   |   |                               | Other (s   |                                       |  |  |
| (Last)  | .ast) (First) (Middle)   |            |          |                   |                  |  |  |  |        |   |             |   |                             | X   | below)  |   |                               | below)   | ·                                     |  |  |
| C/O SUPERNUS PHARMACEUTICALS, INC.                        |  |            |          |                   |                  | 3. Date of Earliest Transaction (Month/Day/Year) 01/17/2023                |  |  |        |   |             |   |                             | President, CEO  |   |   |                               |  |                                       |  |  |
| 9715 KEY WEST AVENUE                                      |  |            |          |                   |                  |  |  |  |        |   |             |   |                             |   |   |   |                               |  |                                       |  |  |
|   |  |            |          |                   |                  |  | 4. If Amendment, Date of Original Filed (Month/Day/Year) |  |        |   |             |   |                             |   | 6. Individual or Joint/Group Filing (Check Applicable |   |                               |  |                                       |  |  |
| (Street)  |  |            |          |                   |                  |  |  |  |        |   |             |   |                             | Line)  X Form filed by One Reporting Person   |   |   |                               |  |                                       |  |  |
| ROCKVILLE MD 20850  |  |            |          |                   |                  |  |  |  |        |   |             |   |                             |   | Form filed by More than One Reporting                 |   |                               |  |                                       |  |  |
|   |  |            |          |                   |                  |  |  |  |        |   |             |   |                             |   | Person  |   |                               | ·  |                                       |  |  |
| (City)  | (5   | tate)      | (Zip)    |                   |                  |  |  |  |        |   |             |   |                             |   |   |   |                               |  |                                       |  |  |
|   |  | Tab        | le I - N | Non-Deri          | vativ            | e Sec  | curit  | ies A  | cquire | ed, D                                   | isposed o   | f, or B   | enefic                      | ially   | Owned   |   |                               |  |                                       |  |  |
| 1. Title of Security (Instr. 3) 2. Transaction            |  |            |          | tion              |                  |  |  | 3.   | 4      | 4. Securities Acquired (A) or           |             |   |                             | 5. Amount of  |   |   |                               | 7. Nature  |                                       |  |  |
|   |  |            |          | Date<br>(Month/Da | y/Year)          |  |  | Transaction<br>Code (Instr.<br>8)  |        | ,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,, |             |   | Benefic<br>Owned<br>Reporte |   | ally  | (D) o   | orm: Direct<br>D) or Indirect | of Indirect<br>Beneficial<br>Ownership<br>(Instr. 4)                     |                                       |  |  |
|   |  |            |          |                   |                  | (Month/Day/Year)   |  |  |        |   |             |   |                             |   | d   | (I) (Ir<br>   |                               |  |                                       |  |  |
|   |  |            |          |                   |                  |  |  |  | Code   | v                                       | Amount      | (A) or<br>(D)   | Price                       |   | (Instr. 3   | ction(s)<br>and 4)  |                               |  |                                       |  |  |
| Common Stock 01/17/202                                    |  |            |          |                   | 2023             | 23   |  | M <sup>(1)</sup>   |        | 41,920                                  | Α           | \$9.:   | 56                          | 816   | 6,619   |   | D                             |  |                                       |  |  |
| Common Stock 01/17/202                                    |  |            |          |                   | 2023             | 3  |  | <b>S</b> <sup>(1)</sup>  | П      | 25,446                                  | D           | \$40.03   | 349(2)                      | 791   | 1,173   |   | D                             |  |                                       |  |  |
|   |  |            |          |                   |                  |  |  |  |        |   |             |   |                             |   |   |   |                               |  | By the                                |  |  |
| Common Stock  |  |            |          |                   |                  |  |  |  |        |   |             |   | 1,047,700                   |   | I   |   | KBT                           |  |                                       |  |  |
|   |  |            |          |                   |                  |  |  |  |        |   |             |   |                             |   |   | Trust   |                               |  |                                       |  |  |
|   |  | -          | Table I  | II - Deriv        | ative            | Secu   | ıritie   | es Acc   | quirec | d, Dis                                  | posed of,   | or Bei  | neficia                     | lly O   | wned  |   |                               |  |                                       |  |  |
|   |  |            |          | (e.g.,            | puts,            | calls  | , Wa   | arrant   | s, opt | tions                                   | , convertil | ble sec   | urities                     | s)  |   |   |                               |  |                                       |  |  |
| 1. Title of<br>Derivative<br>Security<br>(Instr. 3)       | vative Conversion Date Execution Date, urity or Exercise (Month/Day/Year) if any |            |          | ion Date,         |                  | Transaction<br>Code (Instr.  |  | Derivative<br>Securities<br>Acquired<br>(A) or<br>Disposed<br>of (D) (Instr. |        | te Exer<br>ation D<br>th/Day/           |             | 7. Title and Amo<br>of Securities<br>Underlying<br>Derivative Secur<br>(Instr. 3 and 4) |                             | D   | Price of<br>erivative<br>ecurity<br>1str. 5)          | 9. Number<br>derivative<br>Securities<br>Beneficial<br>Owned<br>Following<br>Reported<br>Transactio | o O F IIIy O (I               | 10.<br>Ownership<br>Form:<br>Direct (D)<br>or Indirect<br>(I) (Instr. 4) | Beneficial<br>Ownership<br>(Instr. 4) |  |  |
|   |  |            |          | 3, 4              |                  | and 5)   |  |  |        | 1.                                      |             | _   |                             | (Instr. 4)  |   |   |                               |  |                                       |  |  |
|   |  |            |          |                   |                  |  |  |  |        |   |             |   | Amou                        | 1   |   |   |                               |  |                                       |  |  |
|   |  |            |          |                   |                  |  |  |  | Date   |   | Expiration  |   | Numb                        | .   |   |   |                               |  |                                       |  |  |
|   |  |            |          |                   | Code             | ٧  | (A)  | (D)  | Exerc  | isable                                  | Date        | Title   | Share                       | s   |   |   |                               |  |                                       |  |  |
| Employee<br>Stock   |  |            |          |                   |                  |  |  |  |        |   |             |   |                             |   |   |   |                               |  |                                       |  |  |
| Option<br>(Right to<br>Buy)                               | \$9.56   | 01/17/2023 |          |                   | M <sup>(1)</sup> |  |  | 41,920   |        | (3)                                     | 01/23/2024  | Stock   | 41,9                        | 20  | \$0   | 58,080  | )                             | D  |                                       |  |  |

## **Explanation of Responses:**

- 1. Transaction made pursuant to a 10b5-1 trading plan adopted September 15, 2022.
- 2. The price reported in Column 4 is a weighted average price. These shares were sold in multiple transactions at prices ranging from \$40.00 to \$40.11, inclusive. The Reporting Person undertakes to provide to Supernus Pharmaceuticals, Inc. ("Supernus"), any security holder of Supernus, or the staff of the Securities and Exchange Commission, upon request, full information regarding the number of shares sold at each separate price within the range set forth in this footnote to this Form 4.
- 3. The options vested in four equal annual installments beginning on January 23, 2015.

/s/ Timothy C. Dec, as attorney-01/19/2023 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.