## FORM 4

## UNITED STATES SECURITIES AND EXCHANGE COMMISSION

Washington, D.C. 20549

| to |
|----|
|    |

## STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP

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

## OMB APPROVAL OMB Number: 3235-0287 Estimated average burden .5

|                     | -  |
|---------------------|----|
| iours per response: | 0. |
|                     | •  |
|                     |    |

|  |               |                | 01 000                 |                               |                   | pany / lot 01 1040                                       |   |  |                              |                          |  |
|--|---------------|----------------|------------------------|-------------------------------|-------------------|--|---|--|------------------------------|--------------------------|--|
| 1. Name and Address of Reporting Person <sup>*</sup> BARKER SAM L (Last) (First) (Middle) C/O CADENCE PHARMACEUTICALS, INC. 12481 HIGH BLUFF DRIVE, SUITE 200 (Street) |               |                | CAD<br>CAD             | C]                            | RMACĔŬ            | TICALS INC [   |   | tionship of Reportin<br>all applicable)<br>Director<br>Officer (give title<br>below) | 10% (                        | Owner<br>(specify        |  |
| 12481 HIGH BLUFF DRIVE, SUITE 200  |               |                |                        | nendment, Date of             | Original Filed (  | (Month/Day/Year)   | 6. Individual or Joint/Group Filing (Check Applicable |  |                              |                          |  |
| (Street)<br>SAN DIEGO<br>(City)  | CA<br>(State) | 92130<br>(Zip) |                        |                               |                   |  | Line)<br>X  | Form filed by One<br>Form filed by Mor<br>Person                                     | 1 0                          |                          |  |
|  |               | Table I - Non  | -Derivative S          | ecurities Acqu                | uired, Disp       | osed of, or Benefi                                       | cially  | Owned  |                              |                          |  |
| 1. Title of Security   | (Instr. 3)    |                | 2. Transaction<br>Date | 2A. Deemed<br>Execution Date, | 3.<br>Transaction | 4. Securities Acquired (A)<br>Disposed Of (D) (Instr. 3, |   | 5. Amount of<br>Securities   | 6. Ownership<br>Form: Direct | 7. Nature<br>of Indirect |  |

|              | Date<br>(Month/Day/Year) | <br>Transa<br>Code (<br>8) |   | Disposed Of (D) (Instr. 3, 4 and<br>5) |               | Securities<br>Beneficially<br>Owned Following<br>Reported | lly (D) or Indirect Beneficial<br>ollowing (I) (Instr. 4) Ownership |   |          |
|--------------|--------------------------|----------------------------|---|--|---------------|---|---|---|----------|
|              |                          | Code                       | v | Amount                                 | (A) or<br>(D) | Price   | Transaction(s)<br>(Instr. 3 and 4)                                  |   | (1150.4) |
| common stock | 03/19/2014               | U                          |   | 20,000                                 | D             | \$14  | 0   | D |          |

| Table II - Derivative Securities Acquired, Disposed of, or Beneficially Owned |  |
|---|--|
| (e.g., puts, calls, warrants, options, convertible securities)                |  |

| 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. Deemed<br>Execution Date,<br>if any<br>(Month/Day/Year) | 4.<br>Transa<br>Code (<br>8) |   | of<br>Deri<br>Seci<br>Acq<br>(A) o<br>Disp<br>of (E | umber<br>vative<br>urities<br>uired<br>or<br>oosed<br>O) (Instr.<br>and 5) | 6. Date Exerc<br>Expiration Da<br>(Month/Day/N | ate                | 7. Title ar<br>Amount o<br>Securities<br>Underlyin<br>Derivative<br>Security<br>and 4) | of<br>s<br>ng<br>e                     | 8. Price of<br>Derivative<br>Security<br>(Instr. 5) | 9. Number of<br>derivative<br>Securities<br>Beneficially<br>Owned<br>Following<br>Reported<br>Transaction(s)<br>(Instr. 4) | 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)   | (D)  | Date<br>Exercisable                            | Expiration<br>Date | Title  | Amount<br>or<br>Number<br>of<br>Shares |   |  |  |  |
| stock<br>option<br>(right to<br>buy)                | \$3.2   | 03/19/2014                                 |   | D                            |   |   | 25,000   | (1)  | 08/27/2016         | common<br>stock  | 25,000                                 | \$10.8  | 0  | D  |  |
| stock<br>option<br>(right to<br>buy)                | \$12.3  | 03/19/2014                                 |   | D                            |   |   | 12,500   | (1)  | 06/27/2017         | common<br>stock  | 12,500                                 | \$1.7   | 0  | D  |  |
| stock<br>option<br>(right to<br>buy)                | \$6.35  | 03/19/2014                                 |   | D                            |   |   | 12,500   | (1)  | 06/17/2018         | common<br>stock  | 12,500                                 | \$7.65  | 0  | D  |  |
| stock<br>option<br>(right to<br>buy)                | \$9.37  | 03/19/2014                                 |   | D                            |   |   | 12,500   | (1)  | 06/23/2019         | common<br>stock  | 12,500                                 | \$4.63  | 0  | D  |  |
| stock<br>option<br>(right to<br>buy)                | \$7.16  | 03/19/2014                                 |   | D                            |   |   | 12,500   | (1)  | 06/16/2020         | common<br>stock  | 12,500                                 | \$6.84  | 0  | D  |  |
| stock<br>option<br>(right to<br>buy)                | \$9.25  | 03/19/2014                                 |   | D                            |   |   | 12,500   | (1)  | 06/15/2021         | common<br>stock  | 12,500                                 | \$4.75  | 0  | D  |  |
| stock<br>option<br>(right to<br>buy)                | \$2.98  | 03/19/2014                                 |   | D                            |   |   | 17,500   | (1)  | 06/13/2022         | common<br>stock  | 17,500                                 | \$11.02   | 0  | D  |  |
| stock<br>option<br>(right to<br>buy)                | \$7.21  | 03/19/2014                                 |   | D                            |   |   | 25,000   | (1)  | 06/12/2023         | common<br>stock  | 25,000                                 | \$6.79  | 0  | D  |  |

**Explanation of Responses:** 

1. In connection with the merger of Cadence Pharmaceuticals, Inc. ("Cadence") with Madison Merger Sub, Inc. ("Merger Sub") on March 19, 2014, and pursuant to the terms of the Agreement and Plan of Merger (the "Merger Agreement") by and among Cadence, Mallinckrodt plc ("Parent") and Merger Sub, dated February 10, 2014, this option became fully vested and was automatically canceled and terminated and the holder became entitled to receive an amount in cash, without interest and less the amount of any tax withholding, equal to the product of (a) the number of shares of common stock of Cadence underlying such option multiplied by (b) the excess, if any, of \$14.00 (the "Offer Price") over the exercise price per share of such option.

**Remarks:** 

\*\* 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.