FORM 4

## UNITED STATES SECURITIES AND EXCHANGE COMMISSION

Washington, D.C.

| wasnington, D.C. 20549                       | OMB APPROVAL |         |  |
|----------------------------------------------|--------------|---------|--|
| STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP | OMB Number:  | 3235-02 |  |

OMB Number: 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*  Kaye Edward M. MD                       |                                                                                  |    |                                              |       |                                                             | 2. Issuer Name <b>and</b> Ticker or Trading Symbol Sarepta Therapeutics, Inc. [ SRPT ] |                                                          |                                                                                                      |   |                                                                     |                     |                                                                    |                     |                      | Check                  | tionship of Reporting R<br>c all applicable)<br>Director<br>Officer (give title<br>below)<br>SVP Interim C |                                                                                                                         | ng Perso                                                          | 10% C   |                                                                    |
|-----------------------------------------------------------------------------------|----------------------------------------------------------------------------------|----|----------------------------------------------|-------|-------------------------------------------------------------|----------------------------------------------------------------------------------------|----------------------------------------------------------|------------------------------------------------------------------------------------------------------|---|---------------------------------------------------------------------|---------------------|--------------------------------------------------------------------|---------------------|----------------------|------------------------|------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------|---------|--------------------------------------------------------------------|
| (Last) (First) (Middle) 215 FIRST STREET SUITE 415                                |                                                                                  |    |                                              |       | 3. Date of Earliest Transaction (Month/Day/Year) 10/20/2015 |                                                                                        |                                                          |                                                                                                      |   |                                                                     |                     |                                                                    |                     |                      | X                      |                                                                                                            |                                                                                                                         | CEO (                                                             | below)  |                                                                    |
| (Street) CAMBRI (City)                                                            | IDGE M                                                                           |    | )2142<br>Zip)                                |       | 4. If                                                       | 4. If Amendment, Date of Original Filed (Month/Day/Year)                               |                                                          |                                                                                                      |   |                                                                     |                     |                                                                    |                     | . Indiv<br>ine)<br>X | ,                      |                                                                                                            |                                                                                                                         |                                                                   |         |                                                                    |
|                                                                                   | Table I - Non-Derivative Securities Acquired, Disposed of, or Beneficially Owned |    |                                              |       |                                                             |                                                                                        |                                                          |                                                                                                      |   |                                                                     |                     |                                                                    |                     |                      |                        |                                                                                                            |                                                                                                                         |                                                                   |         |                                                                    |
| 1. Title of Security (Instr. 3)  2. Transposite (Month/L                          |                                                                                  |    |                                              |       | ur)   I                                                     | A. Deemed<br>Execution Date,<br>f any<br>Month/Day/Year)                               |                                                          |                                                                                                      |   | ties Acquired (A)<br>I Of (D) (Instr. 3, 4                          |                     |                                                                    | and Sec<br>Be<br>Ow |                      | wned Following         |                                                                                                            | 6. Ownership<br>Form: Direct<br>(D) or Indirect<br>(I) (Instr. 4)                                                       | 7. Nature<br>of Indirect<br>Beneficial<br>Ownership<br>(Instr. 4) |         |                                                                    |
|                                                                                   |                                                                                  |    |                                              |       |                                                             |                                                                                        |                                                          |                                                                                                      |   | v                                                                   | Amount              |                                                                    | (A) or<br>(D)       | Price                |                        | Reported<br>Transaction(s)<br>(Instr. 3 and 4)                                                             |                                                                                                                         |                                                                   |         | (msu. 4)                                                           |
| Common Stock 10/2                                                                 |                                                                                  |    |                                              |       |                                                             | 10/20/2015                                                                             |                                                          |                                                                                                      | F |                                                                     | 3,001               | 1)                                                                 | D \$26.             |                      | 106,893 <sup>(2)</sup> |                                                                                                            | ]                                                                                                                       | D                                                                 |         |                                                                    |
|                                                                                   |                                                                                  | Та |                                              |       |                                                             |                                                                                        |                                                          |                                                                                                      |   |                                                                     | sed of,<br>onvertib |                                                                    |                     |                      | y Ov                   | vned                                                                                                       |                                                                                                                         |                                                                   |         |                                                                    |
| Derivative Conversion Date Execution Security or Exercise (Month/Day/Year) if any |                                                                                  |    | 3A. Deem<br>Execution<br>if any<br>(Month/Da | Date, | 4.<br>Transaction<br>Code (Instr.<br>8)                     |                                                                                        | n of<br>Deriv<br>Secu<br>Acqu<br>(A) o<br>Dispo<br>of (D | of<br>Derivative<br>Securities<br>Acquired<br>(A) or<br>Disposed<br>of (D)<br>(Instr. 3, 4<br>and 5) |   | 6. Date Exercisable a Expiration Date (Month/Day/Year)  Date Expira |                     | Amount of Securities Underlying Derivative Security (Instr. and 4) |                     | ount                 | ıt                     |                                                                                                            | 9. Number of<br>derivative<br>Securities<br>Beneficially<br>Owned<br>Following<br>Reported<br>Transaction<br>(Instr. 4) | Ow<br>For<br>Dir<br>or I<br>(I) (                                 | nership | 11. Nature<br>of Indirect<br>Beneficial<br>Ownership<br>(Instr. 4) |

## **Explanation of Responses:**

- 1. Shares were withheld by the Company to satisfy tax withholding obligations related to a vesting of restricted stock.
- 2. Includes shares purchased under the Company's employee stock purchase plan prior to the reported transaction.

## Remarks:

/s/ David Tyronne Howton 10/22/2015

\*\* 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.