## FORM 4

## UNITED STATES SECURITIES AND EXCHANGE COMMISSION

| Washington,     | D C  | 205/19 |
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| vvasiiiiiqtuii, | D.C. | 20349  |

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP

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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*  FRATES JAMES M  (Last) (First) (Middle)  CONNAUGHT HOUSE |          |                  |                   |          | 3. E         | 2. Issuer Name and Ticker or Trading Symbol     Alkermes plc. [ ALKS ]  3. Date of Earliest Transaction (Month/Day/Year) 09/13/2019 |  |   |                                   |  |                      |   |  |   | 5. Relationship of Reporting Person(s) to Issuer (Check all applicable) Director 10% Owner  X Officer (give title Other (specify below) SVP, Alks Inc; CFO ALKS |  |   |   |
|--|----------|------------------|-------------------|----------|--------------|---|--|---|-----------------------------------|--|----------------------|---|--|---|---|--|---|---|
| 1 BURLI (Street) DUBLIN  | INGTON R |                  | 4 Ireland         |          | 4. 1         | f Ame   | endmei   | nt, Date o                              | f Original Filed (Month/Day/Year) |  |                      |   |  | 6. Individual or Joint/Group Filing (Check Applicable Line)     X Form filed by One Reporting Person     Form filed by More than One Reporting Person |   |  |   |   |
| (City)   | (Si      |                  | (Zip)             |          |              |   |  |   |                                   |  |                      |   |  |   |   |  |   |   |
| 1. Title of Security (Instr. 3)  |          |                  | 2. Transa<br>Date |          |              | 2A. Deemed<br>Execution Date,   |  | 3.<br>Transaction<br>Code (Instr.<br>8) |                                   | 5)   |                      | ed (A) or<br>str. 3, 4 and                          | 5. Amou<br>Securitie<br>Benefici   | nt of<br>es<br>ally<br>Following<br>d   | 6. Ownershi<br>Form: Direct<br>(D) or Indiret<br>(I) (Instr. 4)   | t of<br>ct Be<br>Ov  | 7. Nature<br>of Indirect<br>Beneficial<br>Ownership<br>(Instr. 4) |   |
| Ordinary Shares  |          |                  |                   | 12/15    | 72017        |   |  |   | Code                              | V  | 2,000                | (A) o<br>(D)  | Price<br>\$0   | (Instr. 3   | and 4)  | D  | +   |   |
| Ordinary   |          |                  |                   | <u> </u> | 09/13/2019   |   | <u> </u>   |   | M                                 |  | 20,000               |   |  |   | 58,256  |  |   |   |
| Ordinary Shares  |          |                  |                   |          |              |   |  |   |                                   |  |                      | 1   | 4,   | 000   | I   | В  | y Sons  |   |
| Ordinary Shares  |          |                  |                   |          |              |   |  |   |                                   |  |                      |   | 1,669  |   | I   |  | y 2018<br>RAT<br>o. 2 <sup>(2)</sup>                              |   |
| Ordinary Shares  |          |                  |                   |          |              |   |  |   |                                   |  |                      |   | 150  | 150,000   |   | G  | y 2019<br>RAT<br>o. 1 <sup>(3)</sup>                              |   |
|  |          | -                | Гаble II -        |          |              |   |  |   |                                   |  | osed of,<br>onvertil |   |  | Owned   |   |  | •   | • |
| 1. Title of Derivative Security (Instr. 3)  2. Conversion or Exercise Price of Derivative Security |          | Date, Transactio |                   | ction    | 5. Number of |   | 6. Date Exercisable and Expiration Date (Month/Day/Year) |   |                                   | 7. Title and<br>Amount of<br>Securities<br>Underlying<br>Derivative Securi<br>(Instr. 3 and 4) |                      | 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(<br>(Instr. 4) | Owne<br>Form:<br>Direct<br>or Ind<br>(I) (Ins   | (D)<br>irect  | 11. Nature<br>of Indirect<br>Beneficial<br>Ownership<br>(Instr. 4) |   |   |
|  |          |                  |                   |          | Code         | v   | (A)  | (D)                                     | Date<br>Exercisal                 |  | Expiration<br>Date   | Title   | Amount<br>or<br>Number<br>of<br>Shares   |   |   |  |   |   |
| Employee<br>Stock<br>Option<br>(Right to<br>Buy)   | \$11.74  | 09/13/2019       |                   |          | M            |   |  | 20,000                                  | (4)                               | (  | 05/17/2020           | Ordinary<br>Shares                                  | 20,000   | \$0   | 21,983  | 3 г  |   |   |

- 1. Includes (a) 80,000 shares transferred to the Reporting Person on June 3, 2019 to satisfy an annuity payment from the Reporting Person's 2018 GRAT No. 1 (the James M. Frates Grantor Retained Annuity Trust dated February 22, 2018 and funded on February 23, 2018), and (b) 17,2014 shares transferred to the Reporting Person on June 10, 2019 to satisfy an annuity payment from the Reporting Person on June 11, 2019 to satisfy an annuity payment from the Reporting Person on June 11, 2019 to satisfy an annuity payment from the Reporting Person's 2018 GRAT (the James M. Frates Grantor Retained Annuity Trust dated December 19, 2013 and funded on March 14, 2014), and (c) 43,331 shares transferred to the Reporting Person on June 11, 2019 to satisfy an annuity payment from the Reporting Person's 2018 GRAT No. 2 (the James M. Frates Grantor Retained Annuity Trust dated May 25, 2018 and funded on May 29, 2018), and excludes 150,000 shares previously owned directly, which were contributed on June 14, 2019 to the 2019 GRAT No. 1 (the James M. Frates 2019 Grantor Retained Annuity Trust No. 1 dated June 13, 2019), each of which transactions was exempt from the reporting obligations of Section 16 of the Securities Exchange Act of 1934, as amended (the "Exchange Act"), by virtue of Rule 16a-13 promulgated thereunder.
- 2. Shares held by the 2018 GRAT No. 2. The Reporting Person is a trustee and beneficiary of the 2018 GRAT No. 2 and may be deemed to hold voting and dispositive power with regard to the reported shares held by the 2018 GRAT No. 2.
- 3. Shares held by the 2019 GRAT No. 1. The Reporting Person is a trustee and beneficiary of the 2019 GRAT No. 1 and may be deemed to hold voting and dispositive power with regard to the reported shares held by the 2019 GRAT No. 1.
- 4. These options are fully vested in accordance with their terms.

/s/ Jennifer Baptiste, attorneyin-fact for James M. Frates

09/17/2019

\*\* 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.

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