

| OMB APPROVAL | |
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STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP

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* <u>FRATES JAMES M</u> (Last) (First) (Middle) <u>CONNAUGHT HOUSE</u> <u>1 BURLINGTON ROAD</u> (Street) <u>DUBLIN</u> <u>4 Ireland</u> (City) (State) (Zip) | 2. Issuer Name and Ticker or Trading Symbol <u>Alkermes plc. [ALKS]</u> | 5. Relationship of Reporting Person(s) to Issuer (Check all applicable) Director 10% Owner <input checked="" type="checkbox"/> Officer (give title below) Other (specify below) <u>SVP, Alks Inc; CFO ALKS</u> |
| | 3. Date of Earliest Transaction (Month/Day/Year) <u>12/07/2018</u> | |
| 4. If Amendment, Date of Original Filed (Month/Day/Year) | | |

Table I - Non-Derivative Securities Acquired, Disposed of, or Beneficially Owned

| 1. Title of Security (Instr. 3) | 2. Transaction Date (Month/Day/Year) | 2A. Deemed Execution Date, if any (Month/Day/Year) | 3. Transaction Code (Instr. 8) | | 4. Securities Acquired (A) or Disposed Of (D) (Instr. 3, 4 and 5) | | | 5. Amount of Securities Beneficially Owned Following Reported Transaction(s) (Instr. 3 and 4) | 6. Ownership Form: Direct (D) or Indirect (I) (Instr. 4) | 7. Nature of Indirect Beneficial Ownership (Instr. 4) |
|---------------------------------|--------------------------------------|--|--------------------------------|---|---|------------|--------------------|---|--|---|
| | | | Code | V | Amount | (A) or (D) | Price | | | |
| Ordinary Shares | 12/07/2018 | | A | | 5,500 | A | \$0 ⁽¹⁾ | 42,734 | D | |
| Ordinary Shares | 12/07/2018 | | F | | 2,445 | D | \$34.01 | 40,289 | D | |
| Ordinary Shares | | | | | | | | 4,000 | I | By Sons |
| Ordinary Shares | | | | | | | | 17,204 | I | By 2014 GRAT ⁽²⁾ |
| Ordinary Shares | | | | | | | | 80,000 | I | By 2018 GRAT No. 1 ⁽³⁾ |
| Ordinary Shares | | | | | | | | 45,000 | I | By 2018 GRAT No. 2 ⁽⁴⁾ |

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

| 1. Title of Derivative Security (Instr. 3) | 2. Conversion or Exercise Price of Derivative Security | 3. Transaction Date (Month/Day/Year) | 3A. Deemed Execution Date, if any (Month/Day/Year) | 4. Transaction Code (Instr. 8) | | 5. Number of Derivative Securities Acquired (A) or Disposed of (D) (Instr. 3, 4 and 5) | | 6. Date Exercisable and Expiration Date (Month/Day/Year) | | 7. Title and Amount of Securities Underlying Derivative Security (Instr. 3 and 4) | 8. Price of Derivative Security (Instr. 5) | 9. Number of derivative Securities Beneficially Owned Following Reported Transaction(s) (Instr. 4) | 10. Ownership Form: Direct (D) or Indirect (I) (Instr. 4) | 11. Nature of Indirect Beneficial Ownership (Instr. 4) |
|--|--|--------------------------------------|--|--------------------------------|---|--|-----|--|-----------------|---|--|--|---|--|
| | | | | Code | V | (A) | (D) | Date Exercisable | Expiration Date | | | | | |

Explanation of Responses:

- These shares were acquired by the reporting person as a result of the partial vesting of performance-vesting restricted stock units granted to the reporting person on February 17, 2017. The vesting of this portion of the performance-vesting restricted stock units was triggered by ALKS 3831 achieving the pre-specified primary efficacy endpoints in each of two phase 3 studies.
- Shares held by James M. Frates Grantor Retained Annuity Trust dated March 14, 2014 (the "2014 GRAT"). The Reporting Person is a trustee and beneficiary of the 2014 GRAT and may be deemed to hold voting and dispositive power with regard to the reported shares held by the 2014 GRAT.
- Shares held by the James M. Frates 2018 Grantor Retained Annuity Trust No. 1 dated February 22, 2018 (the "2018 GRAT No. 1"). The Reporting Person is a trustee and beneficiary of the 2018 GRAT No. 1 and may be deemed to hold voting and dispositive power with regard to the reported shares held by the 2018 GRAT No. 1.
- 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.

/s/ Jennifer Baptiste, attorney-in-fact for James M. Frates 12/11/2018

** 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.