

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

OMB APPROVAL	
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1. Name and Address of Reporting Person* FRATES JAMES M (Last) (First) (Middle) CONNAUGHT HOUSE 1 BURLINGTON ROAD (Street) DUBLIN 4 Ireland (City) (State) (Zip)	2. Issuer Name and Ticker or Trading Symbol Alkermes plc. [ALKS]	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) SVP, Alks Inc; CFO ALKS
	3. Date of Earliest Transaction (Month/Day/Year) 12/07/2016	
		6. Individual or Joint/Group Filing (Check Applicable Line) <input checked="" type="checkbox"/> Form filed by One Reporting Person <input type="checkbox"/> Form filed by More than One Reporting Person

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	12/07/2016		M ⁽¹⁾		13,731	A	\$15.95	126,073 ⁽²⁾	D	
Ordinary Shares	12/07/2016		M ⁽¹⁾		10,000	A	\$11.74	136,073	D	
Ordinary Shares	12/07/2016		s ⁽³⁾		5,496	D	\$55.6454 ⁽⁴⁾	130,577	D	
Ordinary Shares	12/07/2016		s ⁽³⁾		17,379	D	\$56.4375 ⁽⁵⁾	113,198	D	
Ordinary Shares	12/07/2016		s ⁽³⁾		856	D	\$57.2167 ⁽⁶⁾	112,342	D	
Ordinary Shares								4,000	I	By Sons
Ordinary Shares								41,041	I	By 2014 GRAT ⁽⁷⁾
Ordinary Shares								16,562	I	By 2015 GRAT ⁽⁸⁾
Ordinary Shares								11,421	I	By 2015 GRAT No. 2 ⁽⁹⁾

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						Title
Non Qualified Stock Option (Right to Buy)	\$15.95	12/07/2016		M ⁽¹⁾			13,731	(10)	06/01/2017	Ordinary Shares	13,731	\$0	0	D	
Employee Stock Option (Right to Buy)	\$11.74	12/07/2016		M ⁽¹⁾			10,000	(10)	05/17/2020	Ordinary Shares	10,000	\$0	51,983	D	

Explanation of Responses:

- This option exercise was effected pursuant to a Rule 10b5-1 trading plan adopted by the reporting person.
- Includes 18,579 shares received on December 5, 2016 pursuant to an annuity payment from the James M. Frates Grantor Retained Annuity Trust No. 2 dated November 25, 2015 (the "2015 GRAT No. 2") which was exempt from reporting obligations by virtue of Rule 16a-13 promulgated under the Securities Exchange Act of 1934, as amended.
- This sale was effected pursuant to a Rule 10b5-1 trading plan adopted by the reporting person.
- The price reported in Column 4 is a weighted average price. The shares were sold in multiple transactions at prices ranging from \$55.09 to \$56.08. Full information regarding the number of shares sold at each separate price can be furnished to the SEC staff upon request.
- The price reported in Column 4 is a weighted average price. The shares were sold in multiple transactions at prices ranging from \$56.10 to \$57.06. Full information regarding the number of shares sold at each separate price can be furnished to the SEC staff upon request.

6. The price reported in Column 4 is a weighted average price. The shares were sold in multiple transactions at prices ranging from \$57.14 to \$57.33. Full information regarding the number of shares sold at each separate price can be furnished to the SEC staff upon request.
7. Shares held by James M. Frates Grantor Retained Annuity Trust dated March 14, 2014 (the "GRAT"). The Reporting Person is a trustee and beneficiary of the GRAT and may be deemed to hold voting and dispositive power with regard to the reported shares held by the GRAT.
8. Shares held by the James M. Frates Grantor Retained Annuity Trust dated May 29, 2015 (the "2015 GRAT"). The Reporting Person is a trustee and beneficiary of the 2015 GRAT and may be deemed to hold voting and dispositive power with regard to the reported shares held by the 2015 GRAT.
9. Shares held by the James M. Frates Grantor Retained Annuity Trust No. 2 dated November 25, 2015 (the "2015 GRAT No. 2"). The Reporting Person is a trustee and beneficiary of the 2015 GRAT No. 2 and may be deemed to hold voting and dispositive power with regard to the reported shares held by the 2015 GRAT No. 2.
10. These options are fully vested in accordance with their terms.

/s/ Jennifer Baptiste, attorney-
in-fact for James M. Frates 12/08/2016

** 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.