

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 * VAN ASSCHE BENOIT (Last) (First) (Middle) C/O FLAMEL TECHNOLOGIES S.A 33 AVENUE DU DR. GEORGES LEVY (Street) VENISSIEUX IO 69200 (City) (State) (Zip)	2. Issuer Name and Ticker or Trading Symbol AVADEL PHARMACEUTICALS PLC [AVDL]	5. Relationship of Reporting Person(s) to Issuer (Check all applicable) <input checked="" type="checkbox"/> Director 10% Owner Officer (give title below) Other (specify below)
	3. Date of Earliest Transaction (Month/Day/Year) 12/31/2016	
	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			

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					
Warrants (right to buy) ⁽¹⁾	\$14.54 ⁽¹⁾	12/31/2016		D ⁽²⁾			46,000	06/24/2015 ⁽¹⁾	06/24/2018	ADSs ⁽³⁾	46,000	\$0 ⁽⁴⁾	0	D
Warrants (right to buy) ⁽⁵⁾	\$21.67 ⁽⁵⁾	12/31/2016		D ⁽²⁾			54,026	06/26/2016 ⁽⁵⁾	06/26/2019	ADSs ⁽³⁾	54,026	\$0 ⁽⁴⁾	0	D

Explanation of Responses:

- Warrants were granted 06/24/2014 but were not exercisable until the first anniversary of the date of grant; on such first anniversary the warrants became exercisable for a 3-year period as to all 46,000 ADSs. The warrant exercise price per ADS may be paid in U.S. Dollars as shown in Item 4 of Table II or in Euros based on the exchange rate prevailing on the date of grant, or (euro)10.94 per ADS.
- On 12/31/16, Flamel Technologies S.A. ("Flamel") merged with and into Avadel Pharmaceuticals plc ("Avadel"). As a result of the Merger, Flamel's outstanding ordinary shares were cancelled and exchanged on a 1-for-1 basis for newly issued ordinary shares of Avadel, and all outstanding American Depositary Shares (ADSs) representing Flamel ordinary shares were cancelled and exchanged on a 1-for-1 basis for ADSs representing Avadel ordinary shares. The reporting person is filing this Form 4 solely to report dispositions of Flamel securities as a result of the Merger. The reporting person will also file a Form 3 to reflect his or her new status as a director and/or executive officer of Avadel, and a new Form 4 evidencing his or her acquisition of the same number and type of securities of Avadel in the Merger. The reporting person made no market sales or purchases in connection with the dispositions reported in this Form 4 or the acquisitions to be reported in the new Form 4.
- The issuer's "ADSs" are American Depositary Shares, with each ADS representing one ordinary share, nominal value 0.122 Euros per share, of the issuer; ADSs are represented by American Depositary Receipts.
- Flamel Ordinary Shares and Flamel ADSs were exchanged in the Merger for an equal number of Avadel Ordinary Shares and Avadel ADSs (as applicable), respectively.
- Warrants were granted 06/26/2015 but are not exercisable until the first anniversary of the date of grant; on such first anniversary the warrants will become exercisable for a 3-year period as to all 54,026 ADSs. The warrant exercise price per ADS may be paid in U.S. Dollars as shown in Item 4 of Table II or in Euros based on the exchange rate prevailing on the date of grant, or (euro)19.34 per ADS. Warrants as to all 54,026 ADSs vest on 06/26/2016.

Remarks:

Remarks to Table I: No non-derivative securities are beneficially owned. The reporting person is submitting this Form 4 with respect to the disposition of securities in Flamel Technologies S.A. As described in Footnote 2 above, on December 31, 2016 Avadel Pharmaceuticals plc became the successor by merger to Flamel. In connection with such merger, the company information on the SEC's EDGAR system for CIK # 0001012477 (which number was formerly associated with Flamel) has been changed to reflect Avadel as the SEC filing company. Therefore, all Form 4s submitted via EDGAR after December 31, 2016 with respect to Flamel or Avadel will reflect Avadel's name, address, and ticker symbol.

/s/ Phillandas T. Thompson, as attorney-in-fact for Benoit Van Assche 12/31/2016

** 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.