

INITIAL STATEMENT OF BENEFICIAL OWNERSHIP OF SECURITIES

OMB APPROVAL	
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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* <u>Broadfin Healthcare Master Fund Ltd</u> <hr/> (Last) (First) (Middle) 20 GENESIS CLOSE ANSBACHER HOUSE, SECOND FLOOR, 1344 <hr/> (Street) GRAND CAYMAN E9 KY1-1108 <hr/> (City) (State) (Zip)	2. Date of Event Requiring Statement (Month/Day/Year) 01/01/2016	3. Issuer Name and Ticker or Trading Symbol <u>AVADEL PHARMACEUTICALS PLC [AVDL]</u>	
		4. Relationship of Reporting Person(s) to Issuer (Check all applicable) Director <input checked="" type="checkbox"/> 10% Owner Officer (give title below) Other (specify below)	5. If Amendment, Date of Original Filed (Month/Day/Year) <hr/> 6. Individual or Joint/Group Filing (Check Applicable Line) Form filed by One Reporting Person <input checked="" type="checkbox"/> Form filed by More than One Reporting Person

Table I - Non-Derivative Securities Beneficially Owned

1. Title of Security (Instr. 4)	2. Amount of Securities Beneficially Owned (Instr. 4)	3. Ownership Form: Direct (D) or Indirect (I) (Instr. 5)	4. Nature of Indirect Beneficial Ownership (Instr. 5)
Ordinary Shares	4,394,464	D ⁽¹⁾	

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

1. Title of Derivative Security (Instr. 4)	2. Date Exercisable and Expiration Date (Month/Day/Year)		3. Title and Amount of Securities Underlying Derivative Security (Instr. 4)		4. Conversion or Exercise Price of Derivative Security	5. Ownership Form: Direct (D) or Indirect (I) (Instr. 5)	6. Nature of Indirect Beneficial Ownership (Instr. 5)
	Date Exercisable	Expiration Date	Title	Amount or Number of Shares			

1. Name and Address of Reporting Person*
Broadfin Healthcare Master Fund Ltd

 (Last) (First) (Middle)
 20 GENESIS CLOSE
 ANSBACHER HOUSE, SECOND FLOOR, 1344

 (Street)
 GRAND CAYMAN E9 KY1-1108

 (City) (State) (Zip)

1. Name and Address of Reporting Person*
Broadfin Capital, LLC

 (Last) (First) (Middle)
 300 PARK AVENUE, 25TH FLOOR

 (Street)
 NEW YORK NY 10022

 (City) (State) (Zip)

1. Name and Address of Reporting Person*
KOTLER KEVIN

 (Last) (First) (Middle)
 C/O BROADFIN CAPITAL, LLC
 300 PARK AVENUE, 25TH FLOOR

(Street)		
NEW YORK	NY	10022
(City)	(State)	(Zip)

Explanation of Responses:

1. The Ordinary Shares are held in the account of Broadfin Healthcare Master Fund, Ltd., a private investment fund managed by Broadfin Capital, LLC and may be deemed to be beneficially owned by Kevin Kotler, managing member of Broadfin Capital, LLC. Each of Broadfin Capital, LLC, Broadfin Healthcare Master Fund, Ltd. and Kevin Kotler (collectively, the "Reporting Persons") disclaim beneficial ownership of the reported securities except to the extent of his or its pecuniary interest therein, and affirmatively disclaim being a "group" for purposes of Section 16 of the Securities Exchange Act of 1934, as amended.

Remarks:

(*) This Form 3 is being filed with respect to the Reporting Persons holdings in Flamel Technologies S.A., which as of December 31, 2016, merged with Avadel Pharmaceuticals PLC.

Broadfin Healthcare Master
Fund, Ltd., By: /s/ Kevin Kotler, Director 01/06/2017
BROADFIN CAPITAL, LLC
By: /s/ Kevin Kotler, Managing Member 01/06/2017
/s/ Kevin Kotler 01/06/2017
** 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 5 (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.