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**UNITED STATES  
SECURITIES AND EXCHANGE COMMISSION  
Washington, D.C. 20549**

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**FORM 8-K**

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**CURRENT REPORT  
Pursuant to Section 13 or 15(d)  
of the Securities Exchange Act of 1934**

Date of Report (Date of earliest event reported): **March 27, 2018**

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**AVADEL PHARMACEUTICALS PLC**  
(Exact name of registrant as specified in its charter)

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**Ireland**  
(State or Other Jurisdiction  
of Incorporation)

**001-37977**  
(Commission File Number)

**98-1341933**  
(I.R.S. Employer  
Identification No.)

**Block 10-1**  
**Blanchardstown Corporate Park, Ballycoolin**  
**Dublin 15, Ireland**  
(Address of Principal Executive Offices)

**Not Applicable**  
(Zip Code)

Registrant's telephone number, including area code: **+353 1 485 1200**

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Check the appropriate box below if the Form 8-K filing is intended to simultaneously satisfy the filing obligation of the registrant under any of the following provisions:

- Written communications pursuant to Rule 425 under the Securities Act (17 CFR 230.425)
- Soliciting material pursuant to Rule 14a-12 under the Exchange Act (17 CFR 240.14a-12)
- Pre-commencement communications pursuant to Rule 14d-2(b) under the Exchange Act (17 CFR 240.14d-2(b))
- Pre-commencement communications pursuant to Rule 13e-4(c) under the Exchange Act (17 CFR 240.13e-4(c))

Indicate by check mark whether the registrant is an emerging growth company as defined in Rule 405 of the Securities Act of 1933 (§230.405 of this chapter) or Rule 12b-2 of the Securities Exchange Act of 1934 (§240.12b-2 of this chapter).

Emerging growth company

If an emerging growth company, indicate by check mark if the registrant has elected not to use the extended transition period for complying with any new or revised financial accounting standards provided pursuant to Section 13(a) of the Exchange Act.

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**Item 8.01****Other Events.**

On March 27, 2018, the Board of Directors of Avadel Pharmaceuticals plc (the "Company") authorized a share repurchase program of up to \$7 million of the Company's ordinary shares, represented by American Depositary Shares (ADSs) which are listed for trading on the NASDAQ Global Market. Repurchase may be made until December 31, 2018 in open-market transactions, block transactions on or off the exchange, in privately negotiated transactions, or through other means as determined by the Company's management and in accordance with the regulations of the Securities and Exchange Commission.

The timing and actual number of ADSs repurchased will depend on a variety of factors including price, trading volume, corporate, regulatory and legal requirements and market conditions. Repurchases may also be made under a trading plan under Rule 10b5-1 of the Securities and Exchange Act of 1934, which would permit ADSs to be repurchased during periods when repurchases would otherwise be prohibited due to self-imposed trading blackouts or other regulatory restrictions. The repurchase program may be suspended or discontinued at any time without notice.

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## SIGNATURES

Pursuant to the requirements of the Securities Exchange Act of 1934, the registrant has duly caused this report to be signed on its behalf by the undersigned hereunto duly authorized.

### AVADEL PHARMACEUTICALS PLC

By: /s/ Phillandas T. Thompson  
Phillandas T. Thompson  
Senior Vice President, General Counsel and Corporate Secretary

Date: March 27, 2018