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

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**FORM S-8  
REGISTRATION STATEMENT**  
*UNDER  
THE SECURITIES ACT OF 1933*

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**HORIZON PHARMA PUBLIC LIMITED COMPANY**

(Exact name of registrant as specified in its charter)

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**Ireland**  
(State or other jurisdiction of  
incorporation or organization)

**Not Applicable**  
(I.R.S. Employer  
Identification No.)

**Connaught House, 1st Floor  
1 Burlington Road, Dublin 4, D04 C5Y6, Ireland  
011-353-1-772-2100**  
(Address and Telephone Number of Principal Executive Offices)

**Not Applicable**  
(Zip Code)

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**Horizon Pharma Public Limited Company 2014 Equity Incentive Plan**  
(Full title of the plan)

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**Timothy P. Walbert**  
Chairman, President and Chief Executive Officer  
Horizon Pharma plc  
c/o Horizon Pharma, Inc.  
150 South Saunders Road  
Lake Forest, Illinois 60045  
(224) 383-3000  
(Name, address, including zip code, and telephone number, including area code, of agent for service)

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*Copies to:*

**Lynda Kay Chandler, Esq.  
Sean M. Clayton, Esq.  
Cooley LLP  
4401 Eastgate Mall  
San Diego, California 92121  
(858) 550-6000**

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Indicate by check mark whether the registrant is a large accelerated filer, an accelerated filer, a non-accelerated filer, or a smaller reporting company. See the definitions of "large accelerated filer," "accelerated filer" and "smaller reporting company" in Rule 12b-2 of the Exchange Act. (Check one):

Large Accelerated filer	<input checked="" type="checkbox"/>	Accelerated filer	<input type="checkbox"/>
Non-accelerated filer	<input type="checkbox"/>	Smaller reporting company	<input type="checkbox"/>
Emerging growth company	<input type="checkbox"/>		

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 7(a)(2)(B) of the Securities Act.

**CALCULATION OF REGISTRATION FEE**

Title of securities to be registered	Amount to be registered (1)(2)	Proposed maximum offering price per share (3)	Proposed maximum aggregate offering price (3)	Amount of registration fee (4)
<b>Horizon Pharma Public Limited Company 2014 Equity Incentive Plan</b> Ordinary Shares, nominal value \$0.0001 per share	10,800,000 shares	\$13.96	\$150,768,000.00	\$18,770.62

- (1) Pursuant to Rule 416(a) under the Securities Act of 1933, as amended (the “*Securities Act*”), this Registration Statement on Form S-8 shall also cover any additional ordinary shares of the Registrant (the “*Ordinary Shares*”) that become issuable under the Horizon Pharma Public Limited Company 2014 Equity Incentive Plan, as amended (the “*2014 Plan*”), by reason of any stock dividend, stock split, recapitalization or other similar transaction effected without receipt of consideration that increases the number of outstanding Ordinary Shares.
- (2) Consists of 10,800,000 additional Ordinary Shares available for issuance under the 2014 Plan. Ordinary Shares issuable under the 2014 Plan were previously registered on Registration Statements on Form S-8 filed by the Registrant with the Securities and Exchange Commission on September 22, 2014 (File No. 333-198865), May 7, 2015 (File No. 333-203933), May 4, 2016 (File No. 333-211118), September 1, 2017 (File No. 333-220316) and January 11, 2018 (File No. 333-222516).
- (3) This estimate is made pursuant to Rule 457(c) and Rule 457(h)(1) of the Securities Act solely for purposes of calculating the registration fee. The price per share and aggregate offering price are based upon the average of the high and low prices of the Ordinary Shares on May 10, 2018, as reported on The Nasdaq Global Select Market.
- (4) On September 8, 2015, the Registrant filed a Registration Statement on Form S-4 (File No. 333-206798), as amended (the “*S-4 Registration Statement*”), and paid a registration fee of \$263,533.95. The S-4 Registration Statement was withdrawn by filing a Form RW on December 2, 2015. In accordance with Rule 457(p) under the Securities Act, the Registrant is offsetting the filing fees for this Registration Statement on Form S-8 against the fees previously paid in connection with the S-4 Registration Statement. Accordingly, no additional registration fee is being paid in connection with the filing of this Registration Statement on Form S-8.

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## REGISTRATION OF ADDITIONAL SECURITIES

Horizon Pharma Public Limited Company (the “*Registrant*”) has prepared this Registration Statement on Form S-8 (this “*S-8 Registration Statement*”) in accordance with the requirements of Form S-8 under the Securities Act of 1933, as amended, to register 10,800,000 additional ordinary shares of the Registrant (the “*Ordinary Shares*”) issuable under the Horizon Pharma Public Limited Company 2014 Equity Incentive Plan, as amended (the “*2014 Plan*”), pursuant to an increase in the number of Ordinary Shares reserved for issuance under the 2014 Plan.

### INCORPORATION BY REFERENCE OF CONTENTS OF REGISTRATION STATEMENTS ON FORM S-8

This S-8 Registration Statement is being filed for the purpose of increasing the number of securities of the same class as other securities for which a Registration Statement of the Registrant on Form S-8 relating to the same benefit plan is effective.

The Registrant’s Registration Statements on Form S-8 previously filed with the Securities and Exchange Commission on September 22, 2014 (File No. 333-198865), May 7, 2015 (File No. 333-203933), May 4, 2016 (File No. 333-211118), September 1, 2017 (File No. 333-220316) and January 11, 2018 (File No. 333-222516) are incorporated by reference in this S-8 Registration Statement pursuant to General Instruction E to Form S-8.

#### ITEM 8. EXHIBITS.

<u>Exhibit Number</u>	<u>Description</u>
3.1 <sup>(1)</sup>	<a href="#">Memorandum and Articles of Association of Horizon Pharma Public Limited Company, as amended.</a>
4.1	<a href="#">Reference is made to Exhibit 3.1.</a>
5.1	<a href="#">Opinion of Matheson.</a>
23.1	<a href="#">Consent of Matheson. Reference is made to Exhibit 5.1.</a>
23.2	<a href="#">Consent of PricewaterhouseCoopers LLP, independent registered public accounting firm.</a>
24.1	<a href="#">Power of Attorney. Reference is made to the signature page hereto.</a>
99.1 <sup>(2)</sup>	<a href="#">Horizon Pharma Public Limited Company 2014 Equity Incentive Plan, as amended, and Form of Option Agreement, Form of Stock Option Grant Notice, Form of Restricted Stock Unit Agreement and Form of Restricted Stock Unit Grant Notice thereunder.</a>

(1) Incorporated by reference to the Registrant’s Current Report on Form 8-K, filed on May 4, 2017.

(2) Incorporated by reference to the Registrant’s Current Report on Form 8-K, filed on May 7, 2018.

## SIGNATURES

Pursuant to the requirements of the Securities Act of 1933, as amended, the Registrant certifies that it has reasonable grounds to believe that it meets all of the requirements for filing on Form S-8 and has duly caused this Registration Statement to be signed on its behalf by the undersigned, thereunto duly authorized, in Dublin, Ireland, on May 11, 2018.

### HORIZON PHARMA PUBLIC LIMITED COMPANY

By: /s/ Timothy P. Walbert  
Timothy P. Walbert  
Chairman, President and Chief Executive Officer

## POWER OF ATTORNEY

**KNOW ALL PERSONS BY THESE PRESENTS**, that each person whose signature appears below constitutes and appoints Timothy P. Walbert and Paul W. Hoelscher, and each of them, as his or her true and lawful attorney-in-fact and agent, each with the full power of substitution, for him or her and in his or her name, place or stead, in any and all capacities, to sign any and all amendments to this Registration Statement (including post-effective amendments), and to file the same, with all exhibits thereto and other documents in connection therewith, with the Securities and Exchange Commission, granting unto said attorneys-in-fact and agents, and each of them, full power and authority to do and perform each and every act and thing requisite and necessary to be done in connection therewith, as fully to all intents and purposes as he or she might or could do in person, hereby ratifying and confirming all that said attorneys-in-fact and agents, or either of them, or their or his substitutes or substitute, may lawfully do or cause to be done by virtue hereof.

Pursuant to the requirements of the Securities Act of 1933, as amended, this Registration Statement has been signed by the following persons in the capacities and on the dates indicated.

<u>Signature</u>	<u>Title</u>	<u>Date</u>
<u>/s/ Timothy P. Walbert</u> Timothy P. Walbert	Chairman, President and Chief Executive Officer <i>(Principal Executive Officer)</i>	May 11, 2018
<u>/s/ Paul W. Hoelscher</u> Paul W. Hoelscher	Executive Vice President and Chief Financial Officer <i>(Principal Financial Officer)</i>	May 11, 2018
<u>/s/ Miles W. McHugh</u> Miles W. McHugh	Senior Vice President and Chief Accounting Officer <i>(Principal Accounting Officer)</i>	May 11, 2018
<u>/s/ William F. Daniel</u> William F. Daniel	Director	May 11, 2018
<u>/s/ Michael Grey</u> Michael Grey	Director	May 11, 2018
<u>/s/ Jeff Himawan, Ph.D.</u> Jeff Himawan, Ph.D.	Director	May 11, 2018
<u>/s/ Ronald Pauli</u> Ronald Pauli	Director	May 11, 2018
<u>/s/ Gino Santini</u> Gino Santini	Director	May 11, 2018
<u>/s/ James Shannon, M.D.</u> James Shannon, M.D.	Director	May 11, 2018
<u>/s/ H. Thomas Watkins</u> H. Thomas Watkins	Director	May 11, 2018
<u>/s/ Pascale Witz</u> Pascale Witz	Director	May 11, 2018

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 W [www.matheson.com](http://www.matheson.com)  
 DX 2 Dublin



Horizon Pharma plc  
 Connaught House, 1st Floor  
 1 Burlington Road  
 Dublin 4  
 Ireland

Our Ref  
 TSC/SCAR 668098-1

Your Ref

11 May 2018

Dear Sirs

**Horizon Pharma Public Limited Company  
 Registration Statement on Form S-8**

We have acted on behalf of Horizon Pharma Public Limited Company, a public limited company incorporated under the laws of Ireland with company number 507678 (the "**Company**") in connection with the registration statement on Form S-8 (the "**Registration Statement**") to be filed by the Company, pursuant to the U.S. Securities Act of 1933, as amended (the "**Securities Act**"), with the U.S. Securities and Exchange Commission (the "**SEC**") with respect to the registration by the Company of 10,800,000 ordinary shares (nominal value of US\$0.0001 per share) (the "**Shares**") which may be issued and delivered under the Horizon Pharma Public Limited Company Amended and Restated 2014 Equity Incentive Plan, as amended (the "**2014 Plan**").

**1 Scope of appointment and basis of opinion**

- 1.1 We have not investigated the laws of any country other than Ireland and this opinion is given only with respect to the laws of Ireland in effect at the date of this opinion. We have assumed, without enquiry, that there is nothing in the laws of any other jurisdiction which would or might affect the opinions as stated herein.
- 1.2 This opinion is to be construed in accordance with, and governed by, the laws of Ireland in force as at the date hereof, and is given solely on the basis that any issues of interpretation or liability arising hereunder may only be brought before the Irish courts, which will have exclusive jurisdiction in respect of such matters.
- 1.3 This opinion is delivered in connection with the filing of the Registration Statement with the SEC and is strictly limited to the matters stated herein and does not extend to, and is not to be read as extending, by implication or otherwise, to any other matter.

Managing Partner: Michael Jackson - Chairman: Tim Scanlon - Partners: Brian Buggy, Helen Kelly, Sharon Daly, Ruth Hunter, Tony O'Grady, Paraic Madigan, Tara Doyle, Anne-Marie Bohan, Patrick Spicer, Turlough Galvin, Patrick Molloy, George Brady, Robert O'Shea, Joseph Beashe, Deirdre-Ann Barr, Dualta Counihan, Deirdre Dunne, Fergus Bolster, Christian Donagh, Bryan Dunne, Shane Hogan, Peter O'Brien, Thomas Hayes, Nicola Dunleavy, Julie Murphy-O'Connor, Mark O'Sullivan, Brian Doran, John Gill, Joe Duffy, Pat English, Shay Lydon, Aidan Fahy, Niamh Counihan, Gerry Thornton, Liam Collins, Darren Maher, Michael Byrne, Philip Lovegrove, Rebecca Ryan, Éanna Mellett, Catherine O'Meara, Elizabeth Grace, Deirdre Cummins, Alan Keating, Peter McKeever, Alma Campion, Brendan Colgan, Garret Farrelly, Michael Finn, Rhona Henry, April McClements, Gráinne Dever, Oisín McClenaghan, Rory McPhillips, Niall Pelly, Michelle Ridge, Sally-Anne Stone, Matthew Broadstock, Emma Doherty, Leonie Dunne, Laura Gleeson, Stuart Kennedy, Brian McCloskey, Madeline McDonnell, Claire McLoughlin, Barry O'Connor, Donal O'Donovan, Karen Reynolds, Kevin Smith, Claran Healy, Chris Bolland, Deirdre Kilroy, Michael Hastings, Maria Kennedy, Barry McGettrick, Kate McKenna, Donal O'Byrne, David O'Mahony, Russell Rochford.  
 - Tax Principals: Greg Lockhart, John Kelly, Catherine Galvin. - Head of U.S. Offices: John Ryan - Of Counsel: William Prentice, Chris Quinn, Liam Quirke.

Dublin London New York Palo Alto San Francisco

[www.matheson.com](http://www.matheson.com)

- 1.4 In giving this opinion, we have examined the documents and the searches made by independent law searchers on our behalf against the Company on 10 May 2018 in the Irish Companies Registration Office and in the Petitions Section and Judgements Office of the Central Office of the High Court in Dublin (the “**Searches**”) listed in the schedule hereto (the “**Schedule**”). We have also reviewed copies of such corporate records of the Company as we have deemed necessary as a basis for the opinions hereinafter expressed.
- 1.5 We assume no obligation to update the opinions set forth in this letter.
- 1.6 We have not been responsible for the investigation or verification of the facts or the reasonableness of any assumption or statement of opinion contained or represented by the Company in the Registration Statement or the 2014 Plan, nor have we attempted to determine whether any material facts have been omitted therefrom.

## 2 Assumptions

For the purpose of giving this opinion, we have assumed the following (without any responsibility on our part if any assumption proves to have been untrue as we have not verified independently any assumption):

- 2.1 the truth and accuracy of the contents of such documents and Searches reviewed by us and of any certificates of officers of the Company and / or of public officials reviewed by us;
- 2.2 the authenticity and completeness of all documents submitted to us as originals;
- 2.3 the completeness and conformity to originals of all documents supplied to us as certified, conformed or photostatic copies or received by us by facsimile or email transmission and the authenticity and completeness of the originals of such documents;
- 2.4 the genuineness of the signatures and seals on all original and copy documents which we have examined;
- 2.5 that the resolutions passed by the compensation committee of the board of directors of the Company described in the extracts referred to in the Schedule, and examined for the purposes of this opinion, were passed at a meeting of the said committee of the board of directors, that meeting was properly convened, constituted and held and that the said resolutions have not since been amended or rescinded;
- 2.6 that the resolution passed by the shareholders of the Company described in the Schedule, and examined for the purposes of this opinion, was passed at the annual general meeting of the Company held on 3 May 2018 (the “**AGM**”), that the AGM was properly convened, constituted and held and that the said resolution has not since been amended or rescinded;
- 2.7 that the offering or sale (including the marketing) of any Shares will be made, effected and conducted in accordance with and will not violate:
  - 2.7.1 the memorandum or articles of association, from time to time, of the Company;
  - 2.7.2 any applicable laws and regulations (including, without limitation, (i) the securities laws and regulations of any jurisdiction (including Ireland) or supra-national authority which

impose any restrictions, or mandatory requirements, in relation to the offering or sale of any shares to the public in any jurisdiction (including Ireland) and any prospectus (or analogous disclosure document) prepared in connection therewith; and (ii) the competition, anti-trust or merger control laws and regulations of any jurisdiction (including Ireland) or supra-national authority); and

- 2.7.3 any requirement or restriction imposed by any court, governmental body or supra-national authority having jurisdiction over the Company or the members of its group;
- 2.8 that the memorandum and articles of association of the Company reviewed by us are the current memorandum and articles of association, are up to date and have not been amended or superseded;
- 2.9 that the information disclosed by the Searches was accurate at the date the Searches were made and has not been altered and that the Searches did not fail to disclose any information which had been delivered for registration but did not appear from the information available at the time the Searches were made or which ought to have been delivered for registration at that time but had not been so delivered and that no additional matters would have been disclosed by Searches carried out since that time;
- 2.10 that:
  - 2.10.1 the Company was, or will be, fully solvent (i) at the time of, and immediately after, the filing of the Registration Statement and (ii) at the date hereof;
  - 2.10.2 the Company would not, as a consequence of doing any act or thing which the Registration Statement contemplates, permits or requires the Company to do, be insolvent; and
  - 2.10.3 no steps have been taken or, to the best of the knowledge, information and belief of the directors of the Company, are being taken to appoint a receiver, liquidator or an examiner over the Company or any part of its undertaking or assets, or to strike the Company off the Register of Companies or to otherwise dissolve or wind up the Company;
- 2.11 that the Registration Statements becomes and remains effective;
- 2.12 that the Shares are, upon exercise of awards granted under the 2014 Plan, duly paid for (including payment of the par value) and allotted and issued in accordance with the terms of the 2014 Plan; and
- 2.13 the truth of all representations and information given to us in reply to any queries we have made which we have considered necessary for the purposes of giving this opinion.

### 3 **Opinion**

Based upon and subject to the foregoing, to the qualifications set out in this letter and to any matter not disclosed to us, we are of the opinion that, so far as the laws of Ireland are concerned, the Company has sufficient authorised but unissued ordinary shares free from statutory pre-emption rights of shareholders to satisfy full exercise of outstanding awards granted under the 2014 Plan were such exercise to occur today and, upon issuance in accordance with the 2014 Plan and the Registration Statement and, subject to receipt by the Company of the full consideration payable in respect thereof,

the Shares will be legally issued, fully paid and non-assessable (which term means that no shareholder shall be obliged to pay or contribute further amounts to the capital of the Company in connection with the issue of such shares).

#### 4 **Qualifications**

The opinions set forth in this opinion are given subject to the following qualifications:

- 4.1 a search of the Companies Registration Office (the “**CRO**”) is not capable of revealing whether or not a winding up petition or a petition for the appointment of an examiner has been presented; and
- 4.2 a search at the Petitions Section of the Central Office of the High Court is not capable of revealing whether or not a receiver has been appointed.

Whilst each of the making of a winding up order, the making of an order for the appointment of an examiner and the appointment of a receiver may be revealed by a search at the CRO, it may not be filed at the CRO immediately and, therefore, our searches at the CRO may not have revealed such matters.

#### 5 **Consent**

We hereby consent to the filing of this opinion as an exhibit to the Registration Statement and to the use of our name therein. In giving this consent, we do not hereby admit that we come within the category of persons whose consent is required under section 7 of the Securities Act or the rules and regulations of the SEC promulgated thereunder.

This opinion is furnished to you and the persons entitled to rely upon it pursuant to the applicable provisions of the Securities Act for use in connection with the filing of the Registration Statement and is not to be used, circulated, quoted or otherwise referred to for any other purpose without our express written consent.

Yours faithfully

/s/ Matheson

**MATHESON**



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**Schedule 1**

**Documents examined for the purpose of giving this opinion**

1. A copy of the 2014 Plan.
2. The final form of the Registration Statement to be filed by the Company with the SEC.
3. A certificate executed by a director or the company secretary which:
  - (a) annexes:
    - (i) the certificate of incorporation of the Company;
    - (ii) the certificates of incorporation of the Company on change of name;
    - (iii) the memorandum and articles of association of the Company in force as at the date of certificate; and
  - (b) annexes a copy extract of the resolutions approved by:
    - (i) the Compensation Committee of the Board of Directors of the Company on 21 February 2018; and
    - (ii) shareholders of the Company passed at the AGM; and
  - (c) confirms that the number of authorised but unissued ordinary shares in the capital of the Company exceeds the aggregate of: (i) the number of ordinary shares that would be issued on exercise of outstanding awards granted under the 2014 Plan were such exercise to occur today; and (ii) the maximum number of ordinary shares that are capable of being issued on conversion of all convertible securities, exercise of any warrants, exercise of any options or rights to be allotted shares or exercise or discharge of any analogous securities or rights.
4. The results of Searches.

CONSENT OF INDEPENDENT REGISTERED PUBLIC ACCOUNTING FIRM

We hereby consent to the incorporation by reference in this Registration Statement on Form S-8 of our report dated February 28, 2018 relating to the financial statements, financial statement schedule and the effectiveness of internal control over financial reporting, which appears in Horizon Pharma plc's Annual Report on Form 10-K for the year ended December 31, 2017.

/s/ PricewaterhouseCoopers LLP  
Chicago, Illinois  
May 11, 2018