

# FORM 4

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

OMB APPROVAL	
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Check this box if no longer subject to Section 16. Form 4 or Form 5 obligations may continue. See Instruction 1(b).

## STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF SECURITIES

Filed pursuant to Section 16(a) of the Securities Exchange Act of 1934 or Section 30(h) of the Investment Company Act of 1940

(Print or Type Responses)

1. Name and Address of Reporting Person * Polaris Management Co. VII, L.L.C.		2. Issuer Name and Ticker or Trading Symbol Syros Pharmaceuticals, Inc. [SYRS]		5. Relationship of Reporting Person(s) to Issuer (Check all applicable) <input type="checkbox"/> Director <input checked="" type="checkbox"/> 10% Owner <input type="checkbox"/> Officer (give title below) <input type="checkbox"/> Other (specify below)	
(Last) (First) (Middle) ONE MARINA PARK DRIVE, 10TH FLOOR		3. Date of Earliest Transaction (Month/Day/Year) 07/06/2016			
(Street) BOSTON, MA 02210		4. If Amendment, Date Original Filed (Month/Day/Year)		6. Individual or Joint/Group Filing (Check Applicable Line) <input type="checkbox"/> Form filed by One Reporting Person <input checked="" type="checkbox"/> Form filed by More than One Reporting Person	
(City) (State) (Zip)		<b>Table I - Non-Derivative Securities Acquired, Disposed of, or Beneficially Owned</b>			

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			
Common Stock	07/06/2016		C		1,164,486	A	(1)	1,164,486	I	See Footnote (2)
Common Stock	07/06/2016		C		22,167	A	(1)	22,167	I	See Footnote (3)
Common Stock	07/06/2016		P		373,847	A	\$ 12.5	1,538,333	I	See Footnote (2)
Common Stock	07/06/2016		P		26,153	A	\$ 12.5	48,320	I	See Footnote (3)

Reminder: Report on a separate line for each class of securities beneficially owned directly or indirectly.

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**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 Underlying Securities (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 of Derivative Security: Direct (D) or Indirect (I) (Instr. 4)	11. Nature of Indirect Beneficial Ownership (Instr. 4)
				Code	V		Date Exercisable	Expiration Date	Title	Amount or Number of Shares				
Series B Preferred Stock	(1)	07/06/2016		C		4,366,825	(1)	(1)	Common Stock	1,164,486	\$ 0	0	I	See Footnote (2)
Series B Preferred Stock	(1)	07/06/2016		C		83,129	(1)	(1)	Common Stock	22,167	\$ 0	0	I	See Footnote (3)

## Reporting Owners

Reporting Owner Name / Address	Relationships			
	Director	10% Owner	Officer	Other
Polaris Management Co. VII, L.L.C. ONE MARINA PARK DRIVE, 10TH FLOOR BOSTON, MA 02210		X		
Polaris Partners VII, L.P. ONE MARINA PARK DRIVE, 10TH FLOOR BOSTON, MA 02210		X		
Polaris Entrepreneurs' Fund VII, L.P. ONE MARINA PARK DRIVE, 10TH FLOOR BOSTON, MA 02210		X		

## Signatures

Polaris Management Co. VII, L.L.C. By: /s/ Mary Blair Name: Mary Blair Title: Chief Financial Officer 07/07/2016

**Signature of Reporting Person		Date
Polaris Partners VII, L.P. By: Polaris Management Co. VII, L.L.C. By: /s/ Mary Blair Name: Mary Blair Title: Chief Financial Officer		07/07/2016
**Signature of Reporting Person		Date
Polaris Entrepreneurs' Fund VII, L.P. By: Polaris Management Co. VII, L.L.C. By: /s/ Mary Blair Name: Mary Blair Title: Chief Financial Officer		07/07/2016
**Signature of Reporting Person		Date

## Explanation of Responses:

\* 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).

(1) The Series B Preferred Stock converted into Common Stock on a 3.75-for-one basis upon the closing of the Issuer's initial public offering without payment of consideration. The Series B Preferred Stock was convertible at any time at the holder's election and automatically upon the closing of the Issuer's initial public offering. The shares had no expiration date.

The reportable securities are owned directly by Polaris Partners VII, L.P. ("PP VII"). Polaris Management Co. VII, L.L.C. ("PMC VII") is the general partner of PP VII. PMC VII (2) disclaims beneficial ownership of these securities and this report shall not be deemed an admission that PMC VII is the beneficial owner of such securities for purposes of Section 16 or for any other purpose, except to the extent of its pecuniary interest therein.

The reportable securities are owned directly by Polaris Entrepreneurs' Fund VII, L.P. ("PEF VII"). PMC VII is the general partner of PEF VII. PMC VII disclaims beneficial ownership (3) of these securities and this report shall not be deemed an admission that PMC VII is the beneficial owner of such securities for purposes of Section 16 or for any other purpose, except to the extent of its pecuniary interest therein.

Note: File three copies of this Form, one of which must be manually signed. If space is insufficient, *see* Instruction 6 for procedure.

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