## Edgar Filing: MEDICINES CO /DE - Form 4

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Form 4	S CO /DE										
September 02	2, 2016										
FORM 4 UNITED STATES SECURITIES AND EXCHAN Washington, D.C. 20549						NGE C	COMMISSION	OMB AF OMB Number:	PROVAL 3235-0287		
Check thi if no long subject to Section 10 Form 4 or Form 5 obligation may conti <i>See</i> Instru 1(b).	er <b>STATE</b> 6. Filed p inue. Section 1								January 31 Expires: 2005 Estimated average burden hours per response 0.5		
(Print or Type R	Responses)										
1. Name and Address of Reporting Person <u>*</u> O'Connor William Bernard			2. Issuer Name <b>and</b> Ticker or Trading Symbol MEDICINES CO /DE [MDCO]					5. Relationship of Reporting Person(s) to Issuer			
	(Check all applicable)										
8 SYLVAN WAY 08. (Street) 4. I			<ul><li>3. Date of Earliest Transaction</li><li>(Month/Day/Year)</li><li>08/31/2016</li></ul>					Director 10% Owner X Officer (give title Other (specify below) below) Chief Financial Officer			
				ndment, Da th/Day/Year)	-			6. Individual or Joint/Group Filing(Check Applicable Line)			
PARSIPPAN	NY, NJ 07054							_X_ Form filed by C Form filed by M Person			
(City)	(State)	(Zip)	Table	e I - Non-D	erivative	Secur	ities Acq	uired, Disposed of	, or Beneficial	ly Owned	
1.Title of Security (Instr. 3)	2. Transaction D (Month/Day/Yea	ar) Executio any	med n Date, if Day/Year)	3. Transactio Code (Instr. 8) Code V	(Instr. 3,	spose	d of (D)	5. Amount of Securities Beneficially Owned Following Reported Transaction(s) (Instr. 3 and 4)	6. Ownership Form: Direct (D) or Indirect (I) (Instr. 4)		
Common Stock	08/31/2016			А	378 <u>(1)</u>	А	\$ 28.08	20,102	D		

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

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 control number.

 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)	3. Transaction Date (Month/Day/Year)	3A. Deemed Execution Date, if any (Month/Day/Year)	4. Transac Code (Instr. 3	ction (8) 1 ( ( 1 ( (	5. Number of Derivative Securities Acquired (A) or Disposed of (D) (Instr. 3, 4, and 5)		ate	Amou Unde Secur	le and unt of rlying rities . 3 and 4)	8. Price of Derivative Security (Instr. 5)	9. Nu Deriv Secur Bene Own Follo Repo Trans (Instr
			Code	V (	(A) (D)	Date Exercisable	Expiration Date	Title	Amount or Number of Shares		

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## **Reporting Owners**

Reporting Owner Name / Address	Relationships								
	Director	10% Owner	Officer	Other					
O'Connor William Bernard 8 SYLVAN WAY PARSIPPANY, NJ 07054		ïcer							
Signatures									
/s/ Stephen M. Rodin, Attorney O'Connor	09/02/2016								
<u>**</u> Signature of	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).

Acquired pursuant to The Medicines Company Employee Stock Purchase Plan ("ESPP") for the ESPP purchase period beginning March
 (1) 1, 2016 and ending August 31, 2016. In accordance with the terms of the ESPP, these shares were purchased based on 85% of the fair market value closing price of the issuer's common stock on March 1, 2016.

Note: File three copies of this Form, one of which must be manually signed. If space is insufficient, *see* Instruction 6 for procedure. Potential persons who are to respond to the collection of information contained in this form are not required to respond unless the form displays a currently valid OMB number.