

MEDICINES CO /DE  
Form 8-K  
February 23, 2010

**UNITED STATES  
SECURITIES AND EXCHANGE COMMISSION  
WASHINGTON D.C. 20549**

**FORM 8-K  
CURRENT REPORT**

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

**Date of report (Date of earliest event reported): February 17, 2010  
The Medicines Company**

(Exact Name of Registrant as Specified in Charter)

**Delaware**

**000-31191**

**04-3324394**

(State or Other Jurisdiction  
of Incorporation)

(Commission  
File Number)

(IRS Employer  
Identification No.)

**8 Sylvan Way  
Parsippany, New Jersey**

**07054**

(Address of Principal Executive Offices)

(Zip Code)

Registrant's telephone number, including area code: **(973) 290-6000**

(Former Name or Former Address, if Changed Since Last Report)

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 (*see* General Instruction A.2. below):

- 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))

**Item 2.02. Results of Operations and Financial Condition.**

On February 17, 2010, The Medicines Company (the Company ) issued a press release (the Earnings Press Release ) announcing its results of operations for the quarter and year ended December 31, 2009. On the same date, the Company held a conference call, which was open to the public, to discuss these results. A copy of the Earnings Press Release, a transcript of the related conference call and conference call summary (which is also posted on the Company s website) are attached hereto as Exhibits 99.1, 99.2 and 99.3, respectively, and incorporated herein by reference.

The information in this Form 8-K (including Exhibits 99.1, 99.2 and 99.3) shall not be deemed filed for purposes of Section 18 of the Securities Exchange Act of 1934 (the Exchange Act ) or otherwise subject to the liabilities of that section, nor shall it be deemed incorporated by reference in any filing under the Securities Act of 1933 or the Exchange Act, except as expressly set forth by specific reference in such a filing.

**Item 9.01. Financial Statements and Exhibits**

(c) Exhibits

The following exhibits relating to Item 2.02 shall be deemed to be furnished, and not filed:

99.1 Press release dated February 17, 2010 entitled The Medicines Company Reports Full Year and Fourth Quarter 2009 Financial Results (incorporated by reference to Exhibit 99.1 of the Current Report on Form 8-K, filed on February 17, 2010)

99.2 Transcript of earnings release conference call held on February 17, 2010

99.3 Conference Call Summary

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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.

THE MEDICINES COMPANY

Date: February 22, 2010

By: /s/ Paul M. Antinori  
Paul M. Antinori  
Senior Vice President and General  
Counsel

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**Exhibit Index**

Exhibit No.	Description
99.1	Press release dated February 17, 2010 entitled The Medicines Company Reports Full Year and Fourth Quarter 2009 Financial Results (incorporated by reference to Exhibit 99.1 of the Current Report on Form 8-K, filed on February 17, 2010)
99.2	Transcript of earnings release conference call held on February 17, 2010
99.3	Conference Call Summary