MEDICINES CO /DE Form 8-K July 29, 2009

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): July 29, 2009 The Medicines Company (Exact Name of Registrant as Specified in Charter)

Delaware

000-31191

(Commission

File Number)

04-3324394

(IRS Employer

Identification No.)

(State or Other Jurisdiction of Incorporation)

> 8 Sylvan Way Parsippany, New Jersey

(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):

o Written communications pursuant to Rule 425 under the Securities Act (17 CFR 230.425)

o Soliciting material pursuant to Rule 14a-12 under the Exchange Act (17 CFR 240.14a-12)

o Pre-commencement communications pursuant to Rule 14d-2(b) under the Exchange Act (17 CFR 240.14d-2(b))

o Pre-commencement communications pursuant to Rule 13e-4(c) under the Exchange Act (17 CFR 240.13e-4(c))

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Item 2.02. Results of Operations and Financial Condition.

On July 29, 2009, The Medicines Company (the Company) announced financial results for the quarter ended June 30, 2009. The full text of the press release issued in connection with the announcement is furnished as Exhibit 99.1 to this Current Report on Form 8-K.

The information in this Form 8-K (including Exhibit 99.1) 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 exhibit relating to Item 2.02 shall be deemed to be furnished, and not filed:

99.1 Press release dated July 29, 2009 entitled The Medicines Company Reports Second Quarter 2009 Financial Results

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: July 29, 2009

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

Exhibit Index

Exhibit No. Description

99.1 Press release dated July 29, 2009 entitled The Medicines Company Reports Second Quarter 2009 Financial Results