MEDICINES CO/DE

Form 4

December 09, 2004

FORM 4

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

OMB

Check this box if no longer subject to Section 16.

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF **SECURITIES**

3235-0287 Number: January 31, Expires: 2005

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OMB APPROVAL

Form 4 or Form 5 obligations may continue.

Filed pursuant to Section 16(a) of the Securities Exchange Act of 1934, Section 17(a) of the Public Utility Holding Company Act of 1935 or Section 30(h) of the Investment Company Act of 1940

response...

Estimated average

burden hours per

See Instruction 1(b).

(Print or Type Responses)

| 1. Name and Add KOEHLER S' | | ting Person * | 2. Issuer Name and Ticker or Trading Symbol MEDICINES CO /DE [MDCO] | 5. Relationship of Reporting Person(s) to Issuer (Check all applicable) | | | |
|--|---------|---------------|--|--|--|--|--|
| (Last) | (First) | (Middle) | 3. Date of Earliest Transaction | (Check all applicable) | | | |
| THE MEDICINES COMPANY, 8 CAMPUS DRIVE | | | (Month/Day/Year) 12/08/2004 | Director 10% OwnerX_ Officer (give title Other (specify | | | |
| | | | 12/00/2001 | below) below) Senior Vice President and CFO | | | |
| (Street) | | | 4. If Amendment, Date Original | 6. Individual or Joint/Group Filing(Check | | | |
| PARSIPPANY, NJ 07054 | | | Filed(Month/Day/Year) | Applicable Line) _X_ Form filed by One Reporting Person Form filed by More than One Reporting Person | | | |
| | | | | | | | |

| (City) | (State) Table I - Non-Derivative Securities Acquired, Disposed of, or Beneficially Owned | | | | | | | | |
|------------------------|--|-------------------------------|------------------|------------|-----------|-------------|----------------------------|----------------------------|-----------------------|
| 1.Title of Security | 2. Transaction Date (Month/Day/Year) | 2A. Deemed Execution Date, if | 3. Transactio | 4. Securi | | • | 5. Amount of Securities | 6. Ownership Form: Direct | 7. Nature of Indirect |
| (Instr. 3) | • | any | Code | (Instr. 3, | 4 and | 5) | Beneficially | (D) or | Beneficial |
| | | (Month/Day/Year) | (Instr. 8) | | | | Owned Following | Indirect (I) (Instr. 4) | Ownership (Instr. 4) |
| | | | | | (A) | | Reported Transaction(s) | | |
| | | | Code V | Amount | or (D) | Price | (Instr. 3 and 4) | | |
| Common Stock | 12/08/2004 | | M | 5,000 | A | \$ 12.82 | 2,000 | D | |
| Common Stock (1) | 12/08/2004 | | S | 5,000 | D | \$ 28 | 2,000 | D | |

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) | 4. Transactic Code (Instr. 8) | 5. Number on f 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) | |
|---|---|---|--|---|--|--------------------|---|--|
| | | | Code V | (A) (D) | Date Exercisable | Expiration Date | Title | Amount or Number of Shares |
| Option (right to buy) | \$ 12.82 | 12/08/2004 | M | 5,000 | 12/08/2004(2) | 03/13/2012 | Common Stock | 5,000 |

Reporting Owners

Reporting Owner Name / Address Relationships

Director 10% Owner Officer Other

KOEHLER STEVEN H THE MEDICINES COMPANY 8 CAMPUS DRIVE PARSIPPANY, NJ 07054

Senior Vice President and CFO

Signatures

Steven H. 12/09/2004 Koehler

**Signature of Date
Reporting Person

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 common stock sales reported on this Form 4 were effected pursuant to a Rule 10b5-1 program adopted by Mr. Koehler on September 15, 2004.
- As of 12/8/2004, the original grant (200,000 shares granted on 3/13/2002) was vested with respect to 133,333 of the shares covered (2) thereby. After the exercise of the options reported hereby, as of 12/8/2004, 123,333 shares covered by the option were vested but not exercised and the remaining 66,667 of the shares covered by the option vest in equal monthly installments ending on 3/13/2006.

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.

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