MEDICINES CO/DE

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if no longer

subject to

Form 4

January 12, 2005

FORM 4

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

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF

SECURITIES

OMB 3235-0287

OMB APPROVAL

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Section 16. Form 4 or Form 5 obligations may continue. See Instruction

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

1(b).

(Print or Type Responses)

1. Name and Addr MEANWELL	•	ting Person *	2. Issuer Name and Ticker or Trading Symbol	5. Relationship of Reporting Person(s) to Issuer			
(Last)	(Last) (First) (Middle)		MEDICINES CO /DE [MDCO] 3. Date of Earliest Transaction	(Check all applicable)			
THE MEDICINES COMPANY, 8 CAMPUS DRIVE			(Month/Day/Year) 01/10/2005	_X_ Director 10% Owner X Officer (give title Other (specify below)			
				Chief Executive Officer			
	(Street)		4. If Amendment, Date Original Filed(Month/Day/Year)	6. Individual or Joint/Group Filing(Check Applicable Line) _X_ Form filed by One Reporting Person			
PARSIPPANY, NJ 07054				Form filed by More than One Reporting Person			
(City)	(State)	(Zip)		· ID· I c D c· II o			

(City)	(State) (Table I - Non-Derivative Securities Acquired, Disposed of, or Beneficially Owned							
1.Title of Security	2. Transaction Date (Month/Day/Year)	3. Transactio	4. Securities Acquired 5. Amoustaction(A) or Disposed of (D) Securities				*		
(Instr. 3)		any (Month/Day/Year)	Code (Instr. 8)	(Instr. 3,	4 and 5	5)	Beneficially Owned Following Reported	(D) or Indirect (I) (Instr. 4)	Beneficial Ownership (Instr. 4)
			Code V	Amount	or (D)	Price	Transaction(s) (Instr. 3 and 4)		
Common Stock	01/10/2005		M	10,000	A	\$ 4.79	19,961	D	
Common Stock (1)	01/10/2005		S	10,000	D	\$ 29.5	19,961	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	3. Transaction Date (Month/Day/Year)	3A. Deemed Execution Date, if any (Month/Day/Year)	Code Securities (Month/Day/Yea) (Instr. 8) Acquired (A) or Disposed of			7. Title and Amount of Underlying Securities (Instr. 3 and 4)			
	Security				(D) (Instr. and 5))	Date Exercisable	Expiration Date	Title	Amount or Number
Option (right to buy)	\$ 4.79	01/10/2005		Code V M		(D) 10,000	01/10/2005(2)	05/15/2010	Common Stock	of Share

Reporting Owners

Reporting Owner Name / Address	Relationships							
. 9	Director	10% Owner	Officer	Other				
MEANWELL CLIVE THE MEDICINES COMPANY 8 CAMPUS DRIVE PARSIPPANY, NJ 07054	X		Chief Executive Officer					

Signatures

Clive A.
Meanwell

**Signature of Reporting Person

O1/12/2005

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 Dr. Meanwell on September 15, 2004.
- As of 1/10/2005, the original grant (292,000 shares granted on 5/15/2000) was fully vested. After the exercise of the options hereby, as of 1/2/28/2004, 250,000 of the shares covered by this option were vested but not exercised.

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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