MEDICINES CO/DE

Form 4 January 20, 2005

FORM 4

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

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF

SECURITIES

OMB APPROVAL OMB

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(Ctata)

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 Address of Reporting Person * MEANWELL CLIVE			2. Issuer Name and Ticker or Trading Symbol MEDICINES CO /DE [MDCO]	5. Relationship of Reporting Person(s) to Issuer		
(Last)	(First)	(Middle)	3. Date of Earliest Transaction	(Check all applicable)		
THE MEDICINES COMPANY, 8 CAMPUS DRIVE			(Month/Day/Year) 01/18/2005	_X_ Director 10% Owner Specify below)		
(Street)			4. If Amendment, Date Original	6. Individual or Joint/Group Filing(Check Applicable Line) _X_ Form filed by One Reporting Person Form filed by More than One Reporting Person		
PARSIPPANY, NJ 07054			Filed(Month/Day/Year)			

(City)	(State) (Table Table	e I - Non-D	erivative	Secur	ities Acqu	iired, Disposed of	, or Beneficiall	y Owned
1.Title of Security	2. Transaction Date (Month/Day/Year)	2A. Deemed Execution Date, if	3. Transactio	4. Securi n(A) or Di			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)		(A)		Owned Following Reported	Indirect (I) (Instr. 4)	Ownership (Instr. 4)
			Code V	Amount	or (D)	Price	Transaction(s) (Instr. 3 and 4)		
Common Stock	01/18/2005		M	3,000	A	\$ 4.79	19,961	D	
Common Stock (1)	01/18/2005		S	3,000	D	\$ 28.75	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)		3. Transaction Date (Month/Day/Year)	3A. Deemed Execution Date, if any (Month/Day/Year)	4. Transactic Code (Instr. 8)	5. Number proof Derivative Securities Acquired (A) or Disposed of (D) (Instr. 3, 4, and 5)	Expiration Date	5. 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)	\$ 4.79	01/18/2005		M	3,000	01/18/2005(2)	05/15/2010	Common Stock	3,000	

Reporting Owners

Reporting Owner Name / Address	Keiauonsnips							
	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

O1/20/2005

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 1/18/2005, the original grant (292,000 shares granted on 5/15/2000) was fully vested. After the exercise of the options hereby, as of 1/18/2005, 247,000 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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