MEDICINES CO/DE

Form 4

December 30, 2004

FORM 4

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

OMB 3235-0287 Number:

Check this box if no longer subject to Section 16.

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

January 31, Expires: 2005 Estimated average

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

burden hours per 0.5 response...

See Instruction

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 (Check all applicable)		
(Last) (First) (Middle)		(Middle)	3. Date of Earliest Transaction	(Check an applicable)		
			(Month/Day/Year)	X Director 10% Owner		
THE MEDICINES COMPANY, 8			12/28/2004	X Officer (give title Other (specify below)		
CAMPUS DRIVE				Chief Executive Officer		
	(Street)		4. If Amendment, Date Original	6. Individual or Joint/Group Filing(Check		
			Filed(Month/Day/Year)	Applicable Line)		
PARSIPPAN	Y, NJ 070	54		_X_ Form filed by One Reporting Person Form filed by More than One Reporting Person		

(City)	(State)	(Zip) Tabl	le I - Non-I	Derivative :	Securi	ties Acqu	ired, Disposed of	, or Beneficial	ly Owned
1.Title of Security (Instr. 3)	2. Transaction Date (Month/Day/Year)	Day/Year) 2A. Deemed Execution Date, if any (Month/Day/Year)		3. 4. Securities Acquired Gransaction(A) or Disposed of (D) Code (Instr. 3, 4 and 5) Instr. 8) (A) or			5. Amount of Securities Beneficially Owned Following Reported Transaction(s) (Instr. 3 and 4)	6. Ownership Form: Direct (D) or Indirect (I) (Instr. 4)	7. Nature of Indirect Beneficial Ownership (Instr. 4)
Common Stock	12/28/2004		Code V M	Amount 15,661	(D)	Price \$ 4.79	19,961	D	
Common Stock (1)	12/28/2004		S	2,492	D	\$ 28.57	19,961	D	
Common Stock (1)	12/28/2004		S	1,000	D	\$ 28.55	19,961	D	
Common Stock (1)	12/28/2004		S	600	D	\$ 28.54	19,961	D	
Common Stock (1)	12/28/2004		S	1,008	D	\$ 28.53	19,961	D	

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Common Stock (1)	12/28/2004	S	100	D	\$ 28.52	19,961	D
Common Stock (1)	12/28/2004	S	1,961	D	\$ 28.5	19,961	D
Common Stock (1)	12/28/2004	S	1,000	D	\$ 28.69	19,961	D
Common Stock (1)	12/28/2004	S	300	D	\$ 28.68	19,961	D
Common Stock (1)	12/28/2004	S	200	D	\$ 28.63	19,961	D
Common Stock (1)	12/28/2004	S	400	D	\$ 28.62	19,961	D
Common Stock (1)	12/28/2004	S	4,100	D	\$ 28.6	19,961	D
Common Stock (1)	12/28/2004	S	2,000	D	\$ 28.67	19,961	D
Common Stock (1)	12/28/2004	S	500	D	\$ 28.56	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 Security	3. Transaction Date (Month/Day/Year)	e 3A. Deemed Execution Date, if any (Month/Day/Year)	Code	5. Number of or Derivative Securities Acquired (A) or Disposed of (D) (Instr. 3, 4, and 5)		Derivative Expiration Date Securities (Month/Day/Yea Acquired (A) or Disposed of (D) (Instr. 3, 4,		7. Title and A Underlying S (Instr. 3 and 4	Securities
				Code V	(A)	(D)	Date Exercisable	Expiration Date	Title	Amount or Number of Share
Option (right to buy)	\$ 4.79	12/28/2004		M		15,661	12/28/2004(2)	05/15/2010	Common Stock	15,661

Reporting Owners

Reporting Owner Name / Address	Relationships							
	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

Date

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 12/28/2004, the original grant (292,000 shares granted on 5/15/2000) was fully vested. After the exercise of the options hereby, as of 12/28/2004, 260,000 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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