BIOMARIN PHARMACEUTICAL INC

Form 4

February 22, 2008

FORM 4

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

OMB Number:

Check this box if no longer subject to Section 16.

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

January 31, Expires: 2005

3235-0287

0.5

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 response...

Estimated average

See Instruction

1(b).

(Print or Type Responses)

(Fillt of Type Ke	esponses)					
1. Name and Address of Reporting Person ** Wood Mark			2. Issuer Name and Ticker or Trading Symbol BIOMARIN PHARMACEUTICAL INC [BMRN]	5. Relationship of Reporting Person(s) to Issuer (Check all applicable)		
(Last) C/O BIOMA PHARMACE DIGITAL DE	EUTICAL II	(Middle)	3. Date of Earliest Transaction (Month/Day/Year) 02/21/2008	Director 10% Owner X Officer (give title Other (specify below) VP, Human Resources		
	(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		
NOVATO C	A 94949			Form filed by More than One Reporting		

NOVATO, CA 94949

(City)	(State)	(Zip) Tab	le I - Non-l	Derivative	e Secu	rities Acqui	red, Disposed of,	or Beneficiall	y Owned
1.Title of Security (Instr. 3)	2. Transaction Date (Month/Day/Year)	2A. Deemed Execution Date, if any (Month/Day/Year)	3. Transactio Code (Instr. 8)	4. Securities Acquired (A) our Disposed of (D) (Instr. 3, 4 and 5) (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	02/21/2008(1)	02/21/2008	Code V M	Amount 521	(D)	Price \$ 6.37	521	D	
Common Stock	02/21/2008(1)	02/21/2008	M	177	A	\$ 6.13	698	D	
Common Stock	02/21/2008(1)	02/21/2008	M	520	A	\$ 11.74	1,218	D	
Common Stock	02/21/2008(1)	02/21/2008	M	313	A	\$ 14	1,531	D	
	02/21/2008(1)	02/21/2008	M	834	A	\$ 17.54	2,365	D	

Person

Common Stock								
Common Stock	02/21/2008(1)	02/21/2008	M	625	A	\$ 17.33	2,990	D
Common Stock	02/21/2008(1)	02/21/2008	S	300	D	\$ 35.93	2,690	D
Common Stock	02/21/2008(1)	02/21/2008	S	100	D	\$ 36.03	2,590	D
Common Stock	02/21/2008(1)	02/21/2008	S	190	D	\$ 36.04	2,400	D
Common Stock	02/21/2008(1)	02/21/2008	S	300	D	\$ 36.1901	2,100	D
Common Stock	02/21/2008(1)	02/21/2008	S	300	D	\$ 36.2301	1,800	D
Common Stock	02/21/2008(1)	02/21/2008	S	600	D	\$ 36.2401	1,200	D
Common Stock	02/21/2008(1)	02/21/2008	S	300	D	\$ 36.32	900	D
Common Stock	02/21/2008(1)	02/21/2008	S	300	D	\$ 36.41	600	D
Common Stock	02/21/2008(1)	02/21/2008	S	300	D	\$ 37.2401	300	D
Common Stock	02/21/2008(1)	02/21/2008	S	300	D	\$ 37.73	0	D

Reminder: Report on a separate line for each class of securities beneficially owned directly or indirectly.

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SEC 1474 (9-02)

Table II - Derivative Securities Acquired, Disposed of, or Beneficially Owned (e.g., puts, calls, warrants, options, convertible securities)

1. Title of	2.	3. Transaction Date	3A. Deemed	4.	5. Number	6. Date Exercisab	ole and	7. Title and A	Amount of	
Derivative	Conversion	(Month/Day/Year)	Execution Date, if	Transactionof		Expiration Date	Expiration Date		Underlying Securities	
Security	or Exercise		any	Code	Derivative	(Month/Day/Year	r)	(Instr. 3 and	4)	
(Instr. 3)	Price of		(Month/Day/Year)	(Instr. 8)	Securities					
	Derivative				Acquired					
	Security				(A) or					
					Disposed					
					of (D)					
					(Instr. 3, 4	,				
					and 5)					
				Code V	(A) (D)	Date Exercisable	Expiration Date	Title	Amount or Number	

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									of Shares
Stock Option (right to buy)	\$ 6.37	02/21/2008(1)	02/21/2008	M	521	11/03/2004(2)	05/02/2014	Common Stock	521
Stock Option (right to buy)	\$ 6.13	02/21/2008(1)	02/21/2008	M	177	07/07/2005(3)	01/06/2015	Common Stock	177
Stock Option (right to buy)	\$ 11.74	02/21/2008(1)	02/21/2008	M	520	07/06/2006(4)	01/05/2016	Common Stock	520
Stock Option (right to buy)	\$ 14	02/21/2008(1)	02/21/2008	M	313	12/21/2006(5)	06/20/2016	Common Stock	313
Stock Option (right to buy)	\$ 17.54	02/21/2008(1)	02/21/2008	M	834	05/20/2007(6)	11/19/2016	Common Stock	834
Stock Option (right to buy)	\$ 17.33	02/21/2008(1)	02/21/2008	M	625	12/07/2007(7)	06/06/2017	Common Stock	625

Reporting Owners

Reporting Owner Name / Address	Relationships					
	Director	10% Owner	Officer	Other		

VP, Human Resources

Wood Mark

C/O BIOMARIN PHARMACEUTICAL INC.

105 DIGITAL DRIVE

NOVATO, CA 94949

Signatures

/s/ G. Eric Davis, Attorney-in-Fact 02/22/2008

**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) Transaction made pursuant to a Rule 10b5-1 Trading Plan.

Reporting Owners 3

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- (2) Original option grant vested 6/48ths on 11/3/2004 and 1/48th on the 3rd of each month thereafter.
- (3) Original option grant vested 6/48ths on 7/7/2005 and 1/48th on the 7th of each month thereafter.
- (4) Original option grant vested 6/48ths on 7/6/2006 and 1/48th on the 6th of each month thereafter.
- (5) Original option grant vested 6/48ths on 12/21/2006 and 1/48th on the 21st of each month thereafter.
- (6) Original option grant vested 6/48ths on 5/20/2007 and 1/48th on the 20th of each month thereafter.
- (7) Original option grant vested 6/48ths on 12/7/2007 and 1/48th on the 7th of each month thereafter.

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.