

Wood Mark
Form 4
April 22, 2008

FORM 4 UNITED STATES SECURITIES AND EXCHANGE COMMISSION
Washington, D.C. 20549

OMB APPROVAL

OMB Number: 3235-0287
Expires: January 31, 2005
Estimated average burden hours per response... 0.5

Check this box if no longer subject to Section 16. Form 4 or Form 5 obligations may continue. See Instruction 1(b).

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF SECURITIES

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

(Print or Type Responses)

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) (First) (Middle)

3. Date of Earliest Transaction (Month/Day/Year)
04/21/2008

____ Director _____ 10% Owner
 Officer (give title below) _____ Other (specify below)
VP, Human Resources

C/O BIOMARIN PHARMACEUTICAL INC., 105 DIGITAL DRIVE
(Street)

4. If Amendment, Date Original Filed(Month/Day/Year)

6. Individual or Joint/Group Filing(Check Applicable Line)
 Form filed by One Reporting Person
____ Form filed by More than One Reporting Person

NOVATO, CA 94949
(City) (State) (Zip)

Table I - Non-Derivative Securities Acquired, Disposed of, or Beneficially Owned

1. Title of Security (Instr. 3)	2. Transaction Date (Month/Day/Year)	2A. Deemed Execution Date, if any (Month/Day/Year)	3. Transaction Code (Instr. 8)	4. Securities Acquired (A) or Disposed of (D) (Instr. 3, 4 and 5)	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)
				(A) or (D)	Price		
Common Stock	04/21/2008 ⁽¹⁾	04/21/2008	M	521	A \$ 6.37	521	D
Common Stock	04/21/2008 ⁽¹⁾	04/21/2008	M	177	A \$ 6.13	698	D
Common Stock	04/21/2008 ⁽¹⁾	04/21/2008	M	521	A \$ 11.74	1,219	D
Common Stock	04/21/2008 ⁽¹⁾	04/21/2008	M	313	A \$ 14	1,532	D
	04/21/2008 ⁽¹⁾	04/21/2008	M	833	A \$ 17.54	2,365	D

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Common Stock									
Common Stock	04/21/2008 ⁽¹⁾	04/21/2008	M	625	A	\$ 17.33	2,990		D
Common Stock	04/21/2008 ⁽¹⁾	04/21/2008	S	290	D	\$ 33.79	2,700		D
Common Stock	04/21/2008 ⁽¹⁾	04/21/2008	S	600	D	\$ 33.95	2,100		D
Common Stock	04/21/2008 ⁽¹⁾	04/21/2008	S	300	D	\$ 33.9	1,800		D
Common Stock	04/21/2008 ⁽¹⁾	04/21/2008	S	300	D	\$ 33.92	1,500		D
Common Stock	04/21/2008 ⁽¹⁾	04/21/2008	S	300	D	\$ 34.11	1,200		D
Common Stock	04/21/2008 ⁽¹⁾	04/21/2008	S	300	D	\$ 34.1	900		D
Common Stock	04/21/2008 ⁽¹⁾	04/21/2008	S	400	D	\$ 34.055	500		D
Common Stock	04/21/2008 ⁽¹⁾	04/21/2008	S	500	D	\$ 34.07	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 Derivative Security (Instr. 3)	2. Conversion or Exercise Price of Derivative Security	3. Transaction Date (Month/Day/Year)	3A. Deemed Execution Date, if any (Month/Day/Year)	4. Transaction Code (Instr. 8)	5. Number of 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)	8. Amount or Number of Shares
Stock Option	\$ 6.37	04/21/2008 ⁽¹⁾	04/21/2008	M	521	11/03/2004 ⁽²⁾ 05/02/2014	Common Stock	521

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- (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.

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