Wood Mark Form 4 August 25, 2008

FORM 4

if no longer

subject to

Section 16.

Form 4 or

obligations

may continue.

See Instruction

Form 5

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

Check this box

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

1(b).

(Print or Type Responses)

08/21/2008(1)

08/21/2008(1)

Stock

08/21/2008

08/21/2008

M

M

625

834

\$ 17.33 2,285

\$ 17.54 3,119

D

D

1. Name and Address of Reporting Person * 5. Relationship of Reporting Person(s) to 2. Issuer Name and Ticker or Trading Wood Mark Issuer Symbol **BIOMARIN PHARMACEUTICAL** (Check all applicable) INC [BMRN] (Last) (First) (Middle) 3. Date of Earliest Transaction Director 10% Owner X_ Officer (give title Other (specify (Month/Day/Year) below) C/O BIOMARIN 08/21/2008 VP, Human Resources PHARMACEUTICAL INC., 105 DIGITAL DRIVE (Street) 4. If Amendment, Date Original 6. Individual or Joint/Group Filing(Check Filed(Month/Day/Year) Applicable Line) _X_ Form filed by One Reporting Person Form filed by More than One Reporting NOVATO, CA 94949 (City) (State) (Zip) Table I - Non-Derivative Securities Acquired, Disposed of, or Beneficially Owned 1.Title of 2. Transaction Date 2A. Deemed 3. 5. Amount of 7. Nature of 4. Securities Acquired Security (Month/Day/Year) Execution Date, if Transaction(A) or Disposed of (D) Securities Ownership Indirect (Instr. 3) Code (Instr. 3, 4 and 5) Beneficially Form: Direct Beneficial (Month/Day/Year) (Instr. 8) Owned (D) or Ownership Indirect (I) **Following** (Instr. 4) Reported (Instr. 4) (A) Transaction(s) (Instr. 3 and 4) Code V (D) Price Amount Common 08/21/2008(1) 08/21/2008 \$ 6.13 827 D M 177 Stock Common 08/21/2008(1) M 520 \$ 11.74 1.347 D 08/21/2008 A Stock Common 08/21/2008(1) D 08/21/2008 M 313 \$ 14 1,660 Stock Common

OMB APPROVAL

3235-0287

January 31,

2005

0.5

OMB

Number:

Expires:

response...

Estimated average

burden hours per

Common Stock

Common Stock $08/21/2008\underline{^{(1)}}$ 08/21/2008 S 2,469 D 26.098 650 D

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

Persons who respond to the collection of information contained in this form are not required to respond unless the form displays a currently valid OMB control number.

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. Transactic Code (Instr. 8)	onof Derivativ		ion Date		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	
Stock Option (right to buy)	\$ 6.13	08/21/2008(1)	08/21/2008	M	177	07/07/2005(3)	01/06/2015	Common Stock	177	
Stock Option (right to buy)	\$ 11.74	08/21/2008(1)	08/21/2008	M	520	07/07/2006(4)	01/06/2016	Common Stock	520	
Stock Option (right to buy)	\$ 14	08/21/2008 <u>(1)</u>	08/21/2008	M	313	12/21/2006 <u>(5)</u>	06/20/2016	Common Stock	313	
Stock Option (right to buy)	\$ 17.33	08/21/2008(1)	08/21/2008	M	625	12/07/2007 <u>(6)</u>	06/06/2017	Common Stock	625	
Stock Option (right to	\$ 17.54	08/21/2008(1)	08/21/2008	M	834	05/20/2007 <u>(7)</u>	11/19/2016	Common Stock	834	

buy)

Reporting Owners

Reporting Owner Name / Address Relationships

Director 10% Owner Officer Other

Wood Mark C/O BIOMARIN PHARMACEUTICAL INC. 105 DIGITAL DRIVE NOVATO, CA 94949

VP, Human Resources

Signatures

G. Eric Davis, Attorney-in-Fact

08/25/2008

**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 executed August 23, 2007, as amended on May 21, 2008.
- The price in Column 4 is a weighted average price. The prices actually received ranged from \$25.72 to \$26.20. The reporting person will provide to the issuer, any security holder of the issuer, or the SEC staff, upon request, information regarding the number of shares sold at
- (2) provide to the issuer, any security holder of the issuer, or the SEC staff, upon request, information regarding the number of shares sold at each price within the range.
- (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 12/7/2007 and 1/48th on the 7th of each month thereafter.
- (7) Original option grant vested 6/48ths on 5/20/2007 and 1/48th on the 20th 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.

Reporting Owners 3