

BIOMARIN PHARMACEUTICAL INC  
 Form 4  
 February 22, 2008

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

OMB APPROVAL  
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**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)  
 Director  10% Owner  
 Officer (give title below)  Other (specify below)  
 VP, Human Resources

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

3. Date of Earliest Transaction (Month/Day/Year)  
 02/21/2008

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

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

**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)			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)
				Code	V	Amount or Price			
Common Stock	02/21/2008 <sup>(1)</sup>	02/21/2008	M		521	A \$ 6.37	521	D	
Common Stock	02/21/2008 <sup>(1)</sup>	02/21/2008	M		177	A \$ 6.13	698	D	
Common Stock	02/21/2008 <sup>(1)</sup>	02/21/2008	M		520	A \$ 11.74	1,218	D	
Common Stock	02/21/2008 <sup>(1)</sup>	02/21/2008	M		313	A \$ 14	1,531	D	
	02/21/2008 <sup>(1)</sup>	02/21/2008	M		834	A \$ 17.54	2,365	D	

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Common Stock								
Common Stock	02/21/2008 <sup>(1)</sup>	02/21/2008	M	625	A	\$ 17.33	2,990	D
Common Stock	02/21/2008 <sup>(1)</sup>	02/21/2008	S	300	D	\$ 35.93	2,690	D
Common Stock	02/21/2008 <sup>(1)</sup>	02/21/2008	S	100	D	\$ 36.03	2,590	D
Common Stock	02/21/2008 <sup>(1)</sup>	02/21/2008	S	190	D	\$ 36.04	2,400	D
Common Stock	02/21/2008 <sup>(1)</sup>	02/21/2008	S	300	D	\$ 36.1901	2,100	D
Common Stock	02/21/2008 <sup>(1)</sup>	02/21/2008	S	300	D	\$ 36.2301	1,800	D
Common Stock	02/21/2008 <sup>(1)</sup>	02/21/2008	S	600	D	\$ 36.2401	1,200	D
Common Stock	02/21/2008 <sup>(1)</sup>	02/21/2008	S	300	D	\$ 36.32	900	D
Common Stock	02/21/2008 <sup>(1)</sup>	02/21/2008	S	300	D	\$ 36.41	600	D
Common Stock	02/21/2008 <sup>(1)</sup>	02/21/2008	S	300	D	\$ 37.2401	300	D
Common Stock	02/21/2008 <sup>(1)</sup>	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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(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	
				Code	V (A) (D)	Date Exercisable	Expiration Date	Title	Amount or Number

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

## 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

/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.

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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.

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