Wood Mark Form 4 March 03, 2010

FORM 4

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

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF

OMB Number:

3235-0287

Expires:

January 31, 2005

0.5

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OMB APPROVAL

response...

if no longer subject to Section 16. Form 4 or Form 5

obligations

Check this box

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

may continue. See Instruction 30(h) of the Investment Company Act of 1940

1(b).

(Print or Type Responses)

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 03/02/2010 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 Security (Instr. 3)	2. Transaction Date 2A. Deemed (Month/Day/Year) Execution Date, i any (Month/Day/Year)		3. Transaction Code (Instr. 8)	4. Securities Acquired on(A) or Disposed of (D) (Instr. 3, 4 and 5)			5. Amount of Securities Beneficially Owned Following	6. Ownership Form: Direct (D) or Indirect (I) (Instr. 4)	
			Code V	Amount	(A) or (D)	Price	Reported Transaction(s) (Instr. 3 and 4)		
Common Stock	03/02/2010(1)	03/02/2010	M	312	A	\$ 14	8,393	D	
Common Stock	03/02/2010(1)	03/02/2010	M	937	A	\$ 14.39	9,330	D	
Common Stock	03/02/2010(1)	03/02/2010	S	1,249	D	\$ 21	8,081	D	

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

Persons who respond to the collection of SEC 1474 information contained in this form are not (9-02)

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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)	3A. Deemed Execution Date, if any (Month/Day/Year)	4. Transactic Code (Instr. 8)		6. Date Exercisable and Expiration Date (Month/Day/Year)		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)	\$ 14	03/02/2010(1)	03/02/2010	M	312	12/21/2006(2)	06/20/2016	Common Stock	312
Stock Option (right to buy)	\$ 14.39	03/02/2010(1)	03/02/2010	M	937	11/12/2009(3)	05/11/2019	Common Stock	937

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

G. Eric Davis, Attorney-in-Fact

**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 105-1 Trading plan executed on September 2, 2009.

Reporting Owners 2

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- (2) Original option grant vests 6/48ths on December 21, 2006 and 1/48th on the 21st of each month thereafter.
- (3) Original option grant vests 6/48ths on November 12, 2009 and 1/48th on the 12th 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.