Wood Mark Form 4 February 03, 2011

FORM 4

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

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF

OMB APPROVAL OMB 3235-0287

Number:

Expires:

January 31, 2005

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

Check this box

SECURITIES Filed pursuant to Section 16(a) of the Securities Exchange Act of 1934, obligations Section 17(a) of the Public Utility Holding Company Act of 1935 or Section

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

1(b).

(Print or Type Responses)

1. Name and A 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)			
PHARMAC	(Last) (First) (Middle) 3. Date of Earliest T (Month/Day/Year) C/O BIOMARIN 02/01/2011 PHARMACEUTICAL INC., 105 DIGITAL DRIVE				ansaction			Director 10% OwnerX Officer (give title Other (specify below) VP, Human Resources		
		4. If Amendment, Date Original					6. Individual or Joint/Group Filing(Check			
NOVATO,		Filed(Month/Day/Year)					Applicable Line) _X_ Form filed by One Reporting Person Form filed by More than One Reporting Person			
(City)	(State)	(Zip)	Table	e I - Non-D	erivative	Secur	rities Acq	uired, Disposed o	f, or Beneficial	ly Owned
1.Title of Security (Instr. 3)	2. Transaction Date (Month/Day/Year)	2A. Deem Execution any (Month/Da	Date, if	3. Transaction Code (Instr. 8)	4. Securi on(A) or Di (Instr. 3,	ispose 4 and (A) or	d 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)	
Common Stock	02/01/2011(1)	02/01/20	011	M	84	A	\$ 14.39	14,327	D	
Common Stock	02/01/2011(1)	02/01/20	011	M	1,250	A	\$ 17.33	15,577	D	
Common Stock	02/01/2011(1)	02/01/20	011	S	1,334	D	\$ 26	14,243	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)	5. Number on 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)	
				Code V	(A) (D)	Date Exercisable	Expiration Date	Title	Amount or Number of Shares
Stock Option (right to buy)	\$ 14.39	02/01/2011(1)	02/01/2011	M	84	11/12/2009(2)	05/11/2019	Common Stock	84
Stock Option (right to buy)	\$ 17.33	02/01/2011(1)	02/01/2011	M	1,250	12/07/2007(3)	06/06/2017	Common Stock	1,250

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/ Laura Randall Woodhead,

Attorney-in-Fact

02/03/2011

**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 August 20, 2010.
- (2) Original option grant vests 6/48th on November 1, 2009 and 1/48th each on the 12th of each month thereafter.

Reporting Owners 2

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(3) Original option grant vests 6/48th on December 7, 2007 and 1/48th each 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.