Wood Mark Form 4 February 24, 2011

FORM 4

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

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF

SECURITIES

OMB Number:

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if no longer

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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)

02/22/2011(1)

Stock

02/22/2011

S

1,645 D

See Instruction

(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) C/O BIOM PHARMAC DIGITAL I	ARIN CEUTICAL INC.		3. Date of (Month/D) 02/22/20	-	ransaction			Director _X Officer (give below) VP, Hu		Owner er (specify es	
NOVATO,	(Street) CA 94949			endment, D nth/Day/Yea	_	al	- -	6. Individual or Joi Applicable Line) _X_ Form filed by O Form filed by M Person	ne Reporting Pe	rson	
(City)	(State)	(Zip)	Tabl	le I - Non-l	Derivative	Secu	rities Acqu	ired, Disposed of,	or Beneficial	ly Owned	
1.Title of Security (Instr. 3)	2. Transaction Date (Month/Day/Year)	2A. Deeme Execution I any (Month/Day	Date, if	3. Transactic Code (Instr. 8)		sed of		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)	
Common Stock	02/22/2011(1)	02/22/20	11	M	83	A	\$ 17.86	14,326	D		
Common Stock	02/22/2011(1)	02/22/20	11	M	625	A	\$ 17.33	14,951	D		
Common Stock	02/22/2011(1)	02/22/20	11	M	937	A	\$ 14.39	15,888	D		
Common	02/22/2011(1)	02/22/20	11	S	1 645	D	\$ 26 3404	14 243	D		

26.3404 14,243

(1)

D

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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. Transactic Code (Instr. 8)		curities quired) or sposed (D) str. 3, 4,		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)	\$ 17.86	02/22/2011(1)	02/22/2011	M	83	06/17/2009(2)	12/16/2019	Common Stock	83
Stock Option (right to buy)	\$ 17.33	02/22/2011(1)	02/22/2011	M	625	12/07/2007(3)	06/06/2017	Common Stock	625
Stock Option (right to buy)	\$ 14.39	02/22/2011(1)	02/22/2011	M	937	11/12/2009(4)	05/11/2019	Common Stock	937

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

Reporting Owners 2

Signatures

/s/ Laura Randall Woodhead, Attorney-in-Fact

02/24/2011

**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 June 17, 2009 and 1/48th each on the 17th of each month thereafter.
- (3) Original option grant vests 6/48th on December 7, 2007 and 1/48th each on the 7th of each month thereafter.
- (4) Original option grant vests 6/48th on November 12, 2009 and 1/48th each 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.

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