Mueller Brian Form 4 February 28, 2012

FORM 4

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

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF

SECURITIES

OMB APPROVAL OMB

Number:

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Section 16.

subject to

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).

Stock

(Print or Type Responses)

1. Name and Address of Reporting Person * Mueller Brian			2. Issuer Name and Ticker or Trading Symbol BIOMARIN PHARMACEUTICAL INC [BMRN]					····b	5. Relationship of Reporting Person(s) to Issuer (Check all applicable)			
(Last) 105 DIGITA	· · ·	Middle)	3. Date of Earliest T (Month/Day/Year) 02/24/2012						Director 10% Owner Self-controller Officer (give title Other (specify below) VP, Corporate Controller			
	(Street)			endment, Date Original onth/Day/Year)					6. Individual or Joint/Group Filing(Check Applicable Line) _X_ Form filed by One Reporting Person			
NOVATO,							Form filed by More than One Reporting Person					
(City)	(State)	(Zip)	Tabl	e I - Non	-D	erivative	Secui	ities Acqu	ired, Disposed of	, or Beneficiall	y Owned	
1.Title of Security (Instr. 3)	2. Transaction Date (Month/Day/Year)			3. 4. Securities Acquired Transaction(A) or Disposed of (D) Code (Instr. 3, 4 and 5) (Instr. 8) (A) or				d of (D)	5. Amount of Securities Beneficially Owned Following Reported Transaction(s)	6. Ownership Form: Direct (D) or Indirect (I) (Instr. 4)	7. Nature of Indirect Beneficial Ownership (Instr. 4)	
Common Stock	02/24/2012	02/24/20	012	Code V	V	Amount 5,000	(D) A	Price \$ 11.74	(Instr. 3 and 4) 13,300	D		
Common	02/24/2012	02/24/20	012	S		5,000	D	\$ 35.065	8,300	D		

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

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(1)

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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)			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)	\$ 11.74	02/24/2012	02/24/2012	M	5,000	01/06/2006(2)	01/06/2016	Common Stock	5,000

Reporting Owners

Reporting Owner Name / Address	Relationships

Director 10% Owner Officer Other

Mueller Brian

105 DIGITAL DRIVE VP, Corporate Controller

NOVATO, CA 94949

Signatures

/s/ Laura Randall Woodhead,
Attorney-in-Fact
02/28/2012

**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).
- The price in Column 4 is a weighted average price. The prices actually received ranged from \$35.01 to \$35.13. 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 each price within the range.
- (2) Original option grant vests 6/48ths on July 6, 2006 and 1/48th on the 6th 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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