Mueller Brian Form 3 March 11, 2011

FORM 3

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

OMB APPROVAL

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INITIAL STATEMENT OF 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 2. Date of Event Requiring 3. Issuer Name and Ticker or Trading Symbol Person * Statement BIOMARIN PHARMACEUTICAL INC [BMRN] Mueller Brian (Month/Day/Year) 03/02/2011 (Last) (First) (Middle) 4. Relationship of Reporting 5. If Amendment, Date Original Person(s) to Issuer Filed(Month/Day/Year) C/O BIOMARIN (Check all applicable) **PHARMACEUTICAL** INC., 105 DIGITAL DRIVE 10% Owner Director (Street) _X__ Officer Other 6. Individual or Joint/Group (give title below) (specify below) Filing(Check Applicable Line) VP, Corporate Controller _X_ Form filed by One Reporting Person NOVATO, CAÂ 94949 _ Form filed by More than One Reporting Person (City) (State) (Zip) Table I - Non-Derivative Securities Beneficially Owned 2. Amount of Securities 3. 4. Nature of Indirect Beneficial

1.Title of Security (Instr. 4)

Beneficially Owned (Instr. 4)

Ownership
Form:
Direct (D)

Ownership (Instr. 5)

or Indirect
(I)
(Instr. 5)

Common Stock 1,112

D Â

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

SEC 1473 (7-02)

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Table II - Derivative Securities Beneficially Owned (e.g., puts, calls, warrants, options, convertible securities)

1. Title of Derivative 3. Title and Amount of 6. Nature of Indirect 2. Date Exercisable and 4. 5. Securities Underlying Beneficial Security **Expiration Date** Conversion Ownership (Month/Day/Year) (Instr. 4) **Derivative Security** or Exercise Form of Ownership (Instr. 4) Price of Derivative (Instr. 5) Derivative Security:

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	Date Exercisable	Expiration Date	Title	Amount or Number of Shares	Security	Direct (D) or Indirect (I) (Instr. 5)	
Stock Option (right to buy)	07/06/2006(1)	01/05/2016	Common Stock	15,000	\$ 11.74	D	Â
Stock Option (right to buy)	05/20/2007(2)	11/19/2016	Common Stock	10,000	\$ 17.54	D	Â
Stock Option (right to buy)	12/07/2007(3)	06/06/2017	Common Stock	9,500	\$ 17.33	D	Â
Stock Option (right to buy)	12/27/2007(4)	06/26/2017	Common Stock	1,000	\$ 17.89	D	Â
Stock Option (right to buy)	11/22/2008(5)	05/21/2018	Common Stock	11,000	\$ 38.59	D	Â
Stock Option (right to buy)	06/17/2009(6)	12/16/2018	Common Stock	3,500	\$ 17.86	D	Â
Stock Option (right to buy)	11/12/2009(7)	05/11/2019	Common Stock	25,000	\$ 14.39	D	Â
Stock Option (right to buy)	11/12/2010(8)	05/11/2020	Common Stock	22,700	\$ 21.51	D	Â

Reporting Owners

Reporting Owner Name / Address		Relationships					
	Director	10% Owner	Officer	Other			
Mueller Brian							
C/O BIOMARIN PHARMACEUTICAL INC.	â	â	VP, Corporate Controller	Â			
105 DIGITAL DRIVE	А	A	A VF, Corporate Controller	A			
NOVATO, CA 94949							

Signatures

/s/Laura Randall Woodhead, Attorney-in-Fact 03/11/2011

**Signature of Reporting Person Date

Explanation of Responses:

- * If the form is filed by more than one reporting person, see Instruction 5(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) Original option grant vests 6/48ths on July 6, 2006 and 1/48th on the 6th of each month thereafter.
- (2) Original option grant vests 6/48ths on May 20, 2007 and 1/48th on the 20th of each month thereafter.
- (3) Original option grant vests 6/48ths on December 7, 2007 and 1/48th on the 7th of each month thereafter.
- (4) Original option grant vests 6/48ths on December 27, 2007 and 1/48th on the 27th of each month thereafter.
- (5) Original option grant vests 6/48ths on November 22, 2008 and 1/48th on the 22nd of each month thereafter.

Reporting Owners 2

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- (6) Original option grant vests 6/48ths on June 17, 2009 and 1/48th on the 17th of each month thereafter.
- (7) Original option grant vests 6/48ths on November 12, 2009 and 1/48th on the 12th of each month thereafter.
- (8) Original option grant vests 6/48ths on November 12, 2010 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.