

ASELAGE STEVE  
Form 4  
November 19, 2010

**FORM 4** UNITED STATES SECURITIES AND EXCHANGE COMMISSION  
Washington, D.C. 20549

OMB APPROVAL

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Check this box if no longer subject to Section 16. Form 4 or Form 5 obligations may continue. See Instruction 1(b).

**STATEMENT OF CHANGES IN 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 Person \*  
ASELAGE STEVE

2. Issuer Name and Ticker or Trading Symbol  
BIOMARIN PHARMACEUTICAL INC [BMRN]

5. Relationship of Reporting Person(s) to Issuer  
(Check all applicable)  
 Director  10% Owner  
 Officer (give title below)  Other (specify below)  
EVP, Chief Business Officer

(Last) (First) (Middle)  
C/O BIOMARIN  
PHARMACEUTICAL INC., 105  
DIGITAL DRIVE  
(Street)

3. Date of Earliest Transaction  
(Month/Day/Year)  
11/17/2010

NOVATO, CA 94949  
(City) (State) (Zip)

4. If Amendment, Date Original Filed(Month/Day/Year)

6. Individual or Joint/Group Filing(Check Applicable Line)  
 Form filed by One Reporting Person  
 Form filed by More than One Reporting Person

**Table I - Non-Derivative Securities Acquired, Disposed of, or Beneficially Owned**

1. Title of Security (Instr. 3)	2. Transaction Date (Month/Day/Year)	2A. Deemed Execution Date, if any (Month/Day/Year)	3. Transaction Code (Instr. 8)	4. Securities Acquired (A) or Disposed 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)	7. Nature of Indirect Beneficial Ownership (Instr. 4)	
				Code	V	Amount				(A) or (D)
Common Stock	10/29/2010 <sup>(1)</sup>	10/29/2010	A	V	294	A	\$ 11.6365	37,881	D	
Common Stock	11/17/2010	11/17/2010	S		8,000	A	\$ 25.75	29,881	D	
Common Stock	11/17/2010	11/17/2010	M		500	A	\$ 14.39	30,381	D	
Common Stock	11/18/2010	11/18/2010	M		31,375	A	\$ 14.39	61,756	D	
	11/17/2010	11/17/2010	S		500	D	\$ 25.8	61,256	D	

Common  
Stock

Common Stock 11/18/2010 11/18/2010 S 31,375 D \$ 25.866  
(2) 29,881 D

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. Transaction Code (Instr. 8)	5. Number of 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)	Amount or Number of Shares
Stock Option (right to buy)	\$ 14.39	11/17/2010	11/17/2010	M	500	11/12/2009 <sup>(3)</sup> 05/11/2019	Common Stock	500
Stock Option (right to buy)	\$ 14.39	11/18/2010	11/18/2010	M	31,375	11/12/2009 <sup>(3)</sup> 05/11/2019	Common Stock	31,375

## Reporting Owners

**Reporting Owner Name / Address**

**Relationships**

Director 10% Owner Officer Other

ASELAGE STEVE  
C/O BIOMARIN PHARMACEUTICAL INC.  
105 DIGITAL DRIVE  
NOVATO, CA 94949

EVP, Chief Business Officer

## Signatures

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

11/19/2010

\*\*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) The reporting person is voluntarily reporting the acquisition of shares of the issuer's Employee Stock Purchase Plan ("ESPP"), for the ESPP purchase period of May 2, 1010 to October 29, 2010.  

The price in Column 4 is a weighted average price. The prices actually received range from \$25.80 to \$26.02. The reporting person will
- (2) 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.
- (3) Original option vests 6/48ths on November 12, 2009 and 1/48th on the 12th of every 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.