

BIOMARIN PHARMACEUTICAL INC  
 Form 4  
 August 14, 2007

**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)  
 SVP, Global Commercial Dev

(Last) (First) (Middle)

C/O BIOMARIN PHARMACEUTICAL INC., 105 DIGITAL DRIVE

(Street)

3. Date of Earliest Transaction (Month/Day/Year)  
 08/10/2007

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

NOVATO, CA 94949

(City) (State) (Zip)

**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) (Instr. 3, 4 and 5)	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 Ownership (Instr. 4)
			Code	V	Amount or Price		
Common Stock	08/10/2007		M		20,000 A \$ 7.16	24,895	D
Common Stock	08/10/2007		S		300 D \$ 20.22	24,595	D
Common Stock	08/10/2007		S		700 D \$ 20.23	23,895	D
Common Stock	08/10/2007		S		2,100 D \$ 20.25	21,795	D
	08/10/2007		S		100 D	21,695	D

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Common Stock						\$ 20.26		
Common Stock	08/10/2007		S	1,100	D	\$ 20.28	20,595	D
Common Stock	08/10/2007		S	200	D	\$ 20.29	20,395	D
Common Stock	08/10/2007		S	800	D	\$ 20.3	19,595	D
Common Stock	08/10/2007		S	300	D	\$ 20.31	19,295	D
Common Stock	08/10/2007		S	100	D	\$ 20.32	19,195	D
Common Stock	08/10/2007		S	3,400	D	\$ 20.33	15,795	D
Common Stock	08/10/2007		S	1,600	D	\$ 20.34	14,195	D
Common Stock	08/10/2007		S	1,000	D	\$ 20.35	13,195	D
Common Stock	08/10/2007		S	700	D	\$ 20.36	12,495	D
Common Stock	08/10/2007		S	100	D	\$ 20.37	12,395	D
Common Stock	08/10/2007		S	7,500	D	\$ 20.21	4,895	D

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

**Persons who respond to the collection of information contained in this form are not required to respond unless the form displays a currently valid OMB control number.**

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(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)		
						Date Exercisable	Expiration Date	Title	Amount or Number of Shares
						Code	V (A)	(D)	

Stock Option (right to buy)	\$ 7.16	08/10/2007	M	20,000	07/01/2006 <sup>(1)</sup>	06/30/2015	Common Stock	20,000
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## 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			SVP, Global Commercial Dev	

## Signatures

/s/ G. Eric Davis, Attorney-in-Fact	08/14/2007
**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) Options vested 12/36ths on July 1, 2006 and 1/36th on the 1st 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.