

BIOMARIN PHARMACEUTICAL INC  
 Form 4  
 September 03, 2008

**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 \*  
**KAKKIS EMIL D**

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)  
 Chief Medical Officer

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

3. Date of Earliest Transaction (Month/Day/Year)  
**09/02/2008**

**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) (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)
				(A) or (D)	Price		
Common Stock	09/02/2008 <sup>(1)</sup>	09/02/2008	M	6,000 A	\$ 6.13	133,304	D
Common Stock	09/02/2008 <sup>(1)</sup>	09/02/2008	S	18,000 D	30.188	115,304	D
Common Stock						4,654	I Shares held by spouse

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)	\$ 6.13	09/02/2008	09/02/2008	M	6,000	01/07/2005 <sup>(3)</sup> 01/06/2015	Common Stock	6,000

## Reporting Owners

### Reporting Owner Name / Address

### Relationships

Director 10% Owner Officer Other

KAKKIS EMIL D  
C/O BIOMARIN PHARMACEUTICAL INC.  
105 DIGITAL DRIVE  
NOVATO, CA 94949

Chief Medical Officer

## Signatures

G. Eric Davis,  
Attorney-in-Fact 09/03/2008

\*\*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 Rule10b5-1 Trading Plan executed March 1, 2008.

The price in Column 4 is a weighted average price. The prices actually received ranged from \$30.06 to \$30.25. 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.

(3) Original option grant vested 1/48th on 1/7/2005 and 1/48th on the 7th 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.

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