

BIOMARIN PHARMACEUTICAL INC  
 Form 4  
 April 02, 2008

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

OMB APPROVAL  
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**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)  
**04/01/2008**

**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		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 Ownership (Instr. 4)
			Code	V	Amount	Price			
Common Stock	04/01/2008 <sup>(1)</sup>	04/01/2008	S		57	D \$ 36	95,964	D	
Common Stock	04/01/2008 <sup>(1)</sup>	04/01/2008	S		200	D \$ 35.99	95,764	D	
Common Stock	04/01/2008 <sup>(1)</sup>	04/01/2008	S		200	D \$ 35.93	95,564	D	
Common Stock	04/01/2008 <sup>(1)</sup>	04/01/2008	S		500	D \$ 35.92	95,064	D	
	04/01/2008 <sup>(1)</sup>	04/01/2008	S		400	D \$ 36.13	94,664	D	

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Common Stock								
Common Stock	04/01/2008 <sup>(1)</sup>	04/01/2008	S	200	D	\$ 36.11	94,464	D
Common Stock	04/01/2008 <sup>(1)</sup>	04/01/2008	S	300	D	\$ 36.09	94,164	D
Common Stock	04/01/2008 <sup>(1)</sup>	04/01/2008	S	200	D	\$ 36.1213	93,964	D
Common Stock	04/01/2008 <sup>(1)</sup>	04/01/2008	S	200	D	\$ 36.0898	93,764	D
Common Stock	04/01/2008 <sup>(1)</sup>	04/01/2008	S	1,300	D	\$ 35.91	92,464	D
Common Stock	04/01/2008 <sup>(1)</sup>	04/01/2008	S	500	D	\$ 35.9	91,964	D
Common Stock	04/01/2008 <sup>(1)</sup>	04/01/2008	S	200	D	\$ 35.89	91,764	D
Common Stock	04/01/2008 <sup>(1)</sup>	04/01/2008	S	100	D	\$ 35.9656	91,664	D
Common Stock	04/01/2008 <sup>(1)</sup>	04/01/2008	S	269	D	\$ 35.87	91,395	D
Common Stock	04/01/2008 <sup>(1)</sup>	04/01/2008	S	100	D	\$ 35.8965	91,295	D
Common Stock	04/01/2008 <sup>(1)</sup>	04/01/2008	S	100	D	\$ 35.9171	91,195	D
Common Stock	04/01/2008 <sup>(1)</sup>	04/01/2008	S	700	D	\$ 35.81	90,495	D
Common Stock	04/01/2008 <sup>(1)</sup>	04/01/2008	S	1,162	D	\$ 35.86	89,333	D
Common Stock	04/01/2008 <sup>(1)</sup>	04/01/2008	S	100	D	\$ 35.8702	89,233	D
Common Stock	04/01/2008 <sup>(1)</sup>	04/01/2008	S	100	D	\$ 35.8754	89,133	D
Common Stock	04/01/2008 <sup>(1)</sup>	04/01/2008	S	569	D	\$ 35.88	88,564	D
Common Stock	04/01/2008 <sup>(1)</sup>	04/01/2008	S	200	D	\$ 35.8659	88,364	D
Common Stock	04/01/2008 <sup>(1)</sup>	04/01/2008	S	200	D	\$ 35.8585	88,164	D
Common Stock	04/01/2008 <sup>(1)</sup>	04/01/2008	S	100	D	\$ 35.8183	88,064	D
	04/01/2008 <sup>(1)</sup>	04/01/2008	S	800	D	\$ 35.85	87,264	D

Common  
Stock

Common Stock 04/01/2008<sup>(1)</sup> 04/01/2008 S 400 D \$ 35.82 86,864 D

Common Stock 04/01/2008<sup>(1)</sup> 04/01/2008 S 700 D \$ 35.71 86,164 D

Common Stock	4,654	I	Shares held by spouse
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Reminder: Report on a separate line for each class of securities beneficially owned directly or indirectly.

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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)	8. Price of Derivative Security (Instr. 5)	9. Nu Deriv Secur Bene Own Follo Repo Trans (Instr
						Date Exercisable	Expiration Date			
				Code	V (A) (D)					Amount or Number of Shares

## 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

/s/ G. Eric Davis,  
Attorney-in-Fact

04/02/2008

\*\*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 Rule 10b5-1 Trading Plan.

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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