

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	
Common Stock	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



## 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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