

BIENAIME JEAN JACQUES
 Form 4
 March 04, 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 *
 BIENAIME JEAN JACQUES

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 Executive Officer

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

3. Date of Earliest Transaction (Month/Day/Year)
 02/29/2008

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)
			Code	V	Amount	(A) or (D)	Price
Common Stock	02/29/2008		M		18,000	A	\$ 6.46 25,213
Common Stock	03/03/2008		M		2,000	A	\$ 6.46 27,213
Common Stock	03/04/2008		M		4,000	A	\$ 6.46 31,213
Common Stock	02/29/2008		S		8,942	D	\$ 38 22,271
	02/29/2008		S		1,600	D	20,671

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Common Stock					\$ 38.01		
Common Stock	02/29/2008	S	200	D	\$ 38.02	20,471	D
Common Stock	02/29/2008	S	183	D	\$ 38.03	20,288	D
Common Stock	02/29/2008	S	825	D	\$ 38.06	19,463	D
Common Stock	02/29/2008	S	200	D	\$ 38.08	19,263	D
Common Stock	02/29/2008	S	450	D	\$ 38.16	18,813	D
Common Stock	02/29/2008	S	200	D	\$ 38.18	18,613	D
Common Stock	02/29/2008	S	200	D	\$ 38.25	18,413	D
Common Stock	02/29/2008	S	200	D	\$ 38.33	18,213	D
Common Stock	02/29/2008	S	5,000	D	\$ 38.47	13,213	D
Common Stock	03/03/2008	S	500	D	\$ 38.1	12,713	D
Common Stock	03/03/2008	S	700	D	\$ 38.11	12,013	D
Common Stock	03/03/2008	S	200	D	\$ 38.12	11,813	D
Common Stock	03/03/2008	S	300	D	\$ 38.13	11,513	D
Common Stock	03/03/2008	S	200	D	\$ 38.16	11,313	D
Common Stock	03/03/2008	S	100	D	\$ 38.17	11,213	D
Common Stock	03/04/2008	S	4,000	D	\$ 38	7,213	D
Common Stock	02/29/2008	S	1,953	D	\$ 37.92	5,260	D
Common Stock	02/29/2008	S	1,189	D	\$ 37.91	4,071	D

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

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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)		
				Code	V (A) (D)	Date Exercisable	Expiration Date	Title	Amount or Number of Shares
Stock Option (right to buy)	\$ 6.46	02/29/2008		M	18,000	05/11/2006 ⁽¹⁾ 05/10/2015	Common Stock	18,000	
Stock Option (right to buy)	\$ 6.46	03/03/2008		M	2,000	05/11/2006 ⁽¹⁾ 05/10/2015	Common Stock	2,000	
Stock Option (right to buy)	\$ 6.46	03/04/2008		M	4,000	05/11/2006 ⁽¹⁾ 05/10/2015	Common Stock	4,000	

Reporting Owners

Reporting Owner Name / Address	Relationships			
	Director	10% Owner	Officer	Other
BIENAIME JEAN JACQUES C/O BIOMARIN PHARMACEUTICAL INC. 105 DIGITAL DRIVE NOVATO, CA 94949	X		Chief Executive Officer	

Signatures

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

03/04/2008

**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) Original option grant vested 1/3 each on May 11, 2006, May 11, 2007, and May 11, 2008.

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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