BIOMARIN PHARMACEUTICAL INC

Form 4

December 19, 2007

FORM 4

Check this box

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

SION OMB Number:

3235-0287

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Expires:

January 31, 2005

0.5

if no longer subject to Section 16. Form 4 or Form 5

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF SECURITIES

Estimated average burden hours per response...

OMB APPROVAL

obligations may continue.

See Instruction

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

1(b).

(Print or Type Responses)

 $12/17/2007\underline{^{(2)}}$

12/17/2007

S

1,310

D

\$ 35.43

17,903

D

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)			
	(Last) C/O BIOM PHARMAC DIGITAL I	ARIN CEUTICAL INC.	Middle)	3. Date of Earliest Transaction (Month/Day/Year) 12/17/2007						_X_ Director 10% Owner Self-control of the control of t			
	NOVATO,		Filed(Month/Day/Year) A						5. Individual or Joint/Group Filing(Check Applicable Line) X_ Form filed by One Reporting Person Form filed by More than One Reporting Person				
	(City)	(State)	(Zip)	Table I - Non-Derivative Securities Acquired, Dispo							sposed of, or Beneficially Owned		
	1.Title of Security (Instr. 3)	2. Transaction Date (Month/Day/Year)		Date, if	d 3. 4. Securities Acquired (A Date, if Transactionor Disposed of (D) Code (Instr. 3, 4 and 5)				D) 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 Beneficial Ownership (Instr. 4)	
	Common Stock	10/31/2007(1)			Code P	V V	Amount 518	(D)	Price \$ 6.919	7,213	D		
	Common Stock	12/17/2007(2)	12/17/20	007	M		15,000	A	\$ 6.46	22,213	D		
	Common Stock	12/17/2007(2)	12/17/20	007	S		1,500	D	\$ 35.1501	20,713	D		
	Common Stock	12/17/2007(2)	12/17/20	007	S		1,500	D	\$ 35.28	19,213	D		
		10/15/0005(2)	40447406		~			_	A 2 7 42	4= 000	_		

Common Stock								
Common Stock	12/17/2007(2)	12/17/2007	S	190	D	\$ 35.44	17,713	D
Common Stock	12/17/2007(2)	12/17/2007	S	100	D	\$ 35.49	17,613	D
Common Stock	12/17/2007(2)	12/17/2007	S	1,400	D	\$ 35.4901	16,213	D
Common Stock	12/17/2007(2)	12/17/2007	S	1,500	D	\$ 35.54	14,713	D
Common Stock	12/17/2007(2)	12/17/2007	S	375	D	\$ 35.6401	14,338	D
Common Stock	12/17/2007(2)	12/17/2007	S	1,500	D	\$ 35.6675	12,838	D
Common Stock	12/17/2007(2)	12/17/2007	S	1,500	D	\$ 35.6701	11,338	D
Common Stock	12/17/2007(2)	12/17/2007	S	1,125	D	\$ 35.92	10,213	D
Common Stock	12/17/2007(2)	12/17/2007	S	1,500	D	\$ 35.4	8,713	D
Common Stock	12/17/2007(2)	12/17/2007	S	1,500	D	\$ 35.8101	7,213	D

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	2.	3. Transaction Date	3A. Deemed	4.	5. Number of	6. Date Exercisab	le and	7. Title and A	Amount o
Derivative	Conversion	(Month/Day/Year)	Execution Date, if	TransactionDerivative		Expiration Date		Underlying Securities	
Security	or Exercise		any	Code	Securities	(Month/Day/Year	r)	(Instr. 3 and	4)
(Instr. 3)	Price of		(Month/Day/Year)	(Instr. 8) Acquired (A)					
	Derivative				or Disposed of				
	Security			(D)					
					(Instr. 3, 4,				
					and 5)				
									Amount
						Date Exercisable	Expiration Date	Title	or Number
				Code V	(A) (D)				of Share
Stock Option	\$ 6.46	12/17/2007(2)	12/17/2007	M	15,000	05/11/2006(3)	05/10/2015	Common Stock	15,000

(right to buy)

Reporting Owners

Reporting Owner Name / Address

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

12/19/2007

**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) Transaction made pursuant to the Employee Stock Purchase Plan.
- (2) Transaction made pursuant to a Rule 10b5-1 Trading Plan.
- (3) Options 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. 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.

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