#### BIOMARIN PHARMACEUTICAL INC

Form 4

February 22, 2008

# FORM 4

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

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF

**SECURITIES** 

OMB Number:

**OMB APPROVAL** 

3235-0287

Expires:

January 31, 2005

0.5

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

Check this box

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).

 $02/21/2008\underline{^{(1)}}$ 

02/21/2008

M

834

\$ 17.54 2,365

D

(Print or Type	Responses)									
I							5. Relationship of Reporting Person(s) to Issuer  (Check all applicable)			
(Last)  C/O BIOM PHARMAO DIGITAL 1	ARIN CEUTICAL INC.	(Mor 02/2	(Month/Day/Year) 02/21/2008				Director 10% Owner Officer (give title Other (specify below) VP, Human Resources			
NOVATO,	(Street) CA 94949		Amendment, D	_	al	- -	5. Individual or Joi Applicable Line) X_ Form filed by O Form filed by Mo Person	ne Reporting Pe	rson	
(City)	(State)	(Zip)	Table I - Non-	Derivative	Secu	rities Acqui	ired, Disposed of,	or Beneficial	ly Owned	
1.Title of Security (Instr. 3)	2. Transaction Date (Month/Day/Year)	2A. Deemed Execution Date, any (Month/Day/Ye	Code ear) (Instr. 8)		sed of		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	02/21/2008(1)	02/21/2008	M	521	A	\$ 6.37	521	D		
Common Stock	02/21/2008(1)	02/21/2008	M	177	A	\$ 6.13	698	D		
Common Stock	02/21/2008(1)	02/21/2008	M	520	A	\$ 11.74	1,218	D		
Common Stock	02/21/2008(1)	02/21/2008	M	313	A	\$ 14	1,531	D		

Common Stock								
Common Stock	02/21/2008(1)	02/21/2008	M	625	A	\$ 17.33	2,990	D
Common Stock	02/21/2008(1)	02/21/2008	S	300	D	\$ 35.93	2,690	D
Common Stock	02/21/2008(1)	02/21/2008	S	100	D	\$ 36.03	2,590	D
Common Stock	02/21/2008(1)	02/21/2008	S	190	D	\$ 36.04	2,400	D
Common Stock	02/21/2008(1)	02/21/2008	S	300	D	\$ 36.1901	2,100	D
Common Stock	02/21/2008(1)	02/21/2008	S	300	D	\$ 36.2301	1,800	D
Common Stock	02/21/2008(1)	02/21/2008	S	600	D	\$ 36.2401	1,200	D
Common Stock	02/21/2008(1)	02/21/2008	S	300	D	\$ 36.32	900	D
Common Stock	02/21/2008(1)	02/21/2008	S	300	D	\$ 36.41	600	D
Common Stock	02/21/2008(1)	02/21/2008	S	300	D	\$ 37.2401	300	D
Common Stock	02/21/2008(1)	02/21/2008	S	300	D	\$ 37.73	0	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	6. Date Exercisab	ole and	7. Title and A	Amount of	
Derivative	Conversion	(Month/Day/Year)	Execution Date, if	Transactionof		Expiration Date	Expiration Date		Underlying Securities	
Security	or Exercise		any	Code	Derivative	(Month/Day/Year	r)	(Instr. 3 and	4)	
(Instr. 3)	Price of		(Month/Day/Year)	(Instr. 8)	Securities					
	Derivative				Acquired					
	Security				(A) or					
					Disposed					
					of (D)					
					(Instr. 3, 4	,				
					and 5)					
				Code V	(A) (D)	Date Exercisable	Expiration Date	Title	Amount or Number	

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									of Shares
Stock Option (right to buy)	\$ 6.37	02/21/2008(1)	02/21/2008	M	521	11/03/2004(2)	05/02/2014	Common Stock	521
Stock Option (right to buy)	\$ 6.13	02/21/2008(1)	02/21/2008	M	177	07/07/2005(3)	01/06/2015	Common Stock	177
Stock Option (right to buy)	\$ 11.74	02/21/2008(1)	02/21/2008	M	520	07/06/2006(4)	01/05/2016	Common Stock	520
Stock Option (right to buy)	\$ 14	02/21/2008(1)	02/21/2008	M	313	12/21/2006(5)	06/20/2016	Common Stock	313
Stock Option (right to buy)	\$ 17.54	02/21/2008(1)	02/21/2008	M	834	05/20/2007(6)	11/19/2016	Common Stock	834
Stock Option (right to buy)	\$ 17.33	02/21/2008(1)	02/21/2008	M	625	12/07/2007(7)	06/06/2017	Common Stock	625

# **Reporting Owners**

Reporting Owner Name / Address	Keiationsinps					
	Director	10% Owner	Officer	Other		

VP, Human Resources

Wood Mark

C/O BIOMARIN PHARMACEUTICAL INC.

105 DIGITAL DRIVE

**NOVATO, CA 94949** 

# **Signatures**

/s/ G. Eric Davis, Attorney-in-Fact 02/22/2008

\*\*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.

Reporting Owners 3

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- (2) Original option grant vested 6/48ths on 11/3/2004 and 1/48th on the 3rd of each month thereafter.
- (3) Original option grant vested 6/48ths on 7/7/2005 and 1/48th on the 7th of each month thereafter.
- (4) Original option grant vested 6/48ths on 7/6/2006 and 1/48th on the 6th of each month thereafter.
- (5) Original option grant vested 6/48ths on 12/21/2006 and 1/48th on the 21st of each month thereafter.
- (6) Original option grant vested 6/48ths on 5/20/2007 and 1/48th on the 20th of each month thereafter.
- (7) Original option grant vested 6/48ths on 12/7/2007 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. 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.