BIOMARIN PHARMACEUTICAL INC

03/14/2008(1)

03/14/2008

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51,323

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Form 4

March 18, 2008

FORM 4

Section 16.

Form 4 or

obligations

Form 5

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

Check this box if no longer subject to

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 may continue. 30(h) of the Investment Company Act of 1940

See Instruction 1(b).

(Print or Type Responses)

(Print or Type F	(esponses)										
1. Name and Address of Reporting Person * BAFFI ROBERT			2. Issuer Name and Ticker or Trading Symbol BIOMARIN PHARMACEUTICAL INC [BMRN]					5. Relationship of Reporting Person(s) to Issuer (Check all applicable)			
			3. Date of Earliest Transaction (Month/Day/Year) 03/14/2008						Director 10% Owner X Officer (give title Other (specify below) below) SVP, Technical Operations		
(Street) 4. If Amendment, Date Original Filed(Month/Day/Year) NOVATO, CA 94949					6. 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	e I - No	n-D	erivative	Secur	ities Acq	uired, Disposed of	f, or Beneficial	ly Owned
1.Title of Security (Instr. 3)	2. Transaction Date (Month/Day/Year)	2A. Deen Execution any (Month/E	n Date, if	Code (Instr.	8)	4. Securi on(A) or Di (Instr. 3,	(A) or	d of (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)	
Common Stock	03/14/2008(1)	03/14/2	008	Code	V	Amount 100	(D)	Price \$ 33.28	53,180	D	
Common Stock	03/14/2008(1)	03/14/2	800	S		100	D	\$ 33.29	53,080	D	
Common Stock	03/14/2008(1)	03/14/2	800	S		200	D	\$ 33.3	52,880	D	
Common Stock	03/14/2008(1)	03/14/2	008	S		1,457	D	\$ 33.31	51,423	D	

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Common Stock						\$ 33.33		
Common Stock	03/14/2008(1)	03/14/2008	S	400	D	\$ 33.34	50,923	D
Common Stock	03/14/2008(1)	03/14/2008	S	300	D	\$ 33.35	50,623	D
Common Stock	03/14/2008(1)	03/14/2008	S	700	D	\$ 33.36	49,923	D
Common Stock	03/14/2008(1)	03/14/2008	S	100	D	\$ 33.4	49,823	D
Common Stock	03/14/2008(1)	03/14/2008	S	100	D	\$ 33.46	49,723	D
Common Stock	03/14/2008(1)	03/14/2008	S	300	D	\$ 33.48	49,423	D
Common Stock	03/14/2008(1)	03/14/2008	S	200	D	\$ 33.49	49,223	D
Common Stock	03/14/2008(1)	03/14/2008	S	900	D	\$ 33.5	48,323	D
Common Stock	03/14/2008(1)	03/14/2008	S	900	D	\$ 33.51	47,423	D
Common Stock	03/14/2008(1)	03/14/2008	S	600	D	\$ 33.54	46,823	D
Common Stock	03/14/2008(1)	03/14/2008	S	100	D	\$ 33.6	46,723	D
Common Stock	03/14/2008(1)	03/14/2008	S	100	D	\$ 33.61	46,623	D
Common Stock	03/14/2008(1)	03/14/2008	S	98	D	\$ 33.62	46,525	D
Common Stock	03/14/2008(1)	03/14/2008	S	102	D	\$ 33.63	46,423	D
Common Stock	03/14/2008(1)	03/14/2008	S	100	D	\$ 33.64	46,323	D
Common Stock	03/14/2008(1)	03/14/2008	S	500	D	\$ 33.65	45,823	D
Common Stock	03/14/2008(1)	03/14/2008	S	500	D	\$ 33.66	45,323	D
Common Stock	03/14/2008(1)	03/14/2008	S	2,200	D	\$ 33.7	43,123	D
Common Stock	03/14/2008(1)	03/14/2008	S	100	D	\$ 33.71	43,023	D
	03/14/2008(1)	03/14/2008	S	100	D		42,923	D

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Common Stock						\$ 33.76	
Common Stock	03/14/2008(1)	03/14/2008	S	100	D	\$ 42,823	D
Common Stock	03/14/2008(1)	03/14/2008	S	100	D	\$ 42,723	D
Common Stock	03/14/2008(1)	03/14/2008	S	100	D	\$ 42,623	D
Common Stock	03/14/2008(1)	03/14/2008	S	300	D	\$ 34.1 42,323	D
Common Stock	03/14/2008(1)	03/14/2008	S	1,000	D	\$ 34.11 41,323	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)

9. Nu Deriv Secur Bene Own Follo Repo Trans (Instr

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.	6. Date Exerc	isable and	7. Tit	le and	8. Price of	Ç
Derivative	Conversion	(Month/Day/Year)	Execution Date, if	Transacti	orNumber	Expiration Da	ate	Amou	ınt of	Derivative	J
Security	or Exercise		any	Code	of	(Month/Day/	Year)	Unde	rlying	Security	,
(Instr. 3)	Price of		(Month/Day/Year)	(Instr. 8)	Derivative	e		Secur	ities	(Instr. 5)]
	Derivative				Securities			(Instr	. 3 and 4)		(
	Security				Acquired]
					(A) or						J
					Disposed						-
					of (D)						(
					(Instr. 3,						
					4, and 5)						
									Amount		
						Date	Expiration		or		
						Exercisable	Date	Title	Number		
						2.1010134010	2		of		
				Code V	(A) (D)				Shares		

Reporting Owners

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

BAFFI ROBERT C/O BIOMARIN PHARMACEUTICAL INC. 105 DIGITAL DRIVE NOVATO, CA 94949

SVP, Technical Operations

Reporting Owners 3

Signatures

/s/ G. Eric Davis, Attorney-in-Fact 03/18/2008

**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. 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.

Signatures 4