BIOMARIN PHARMACEUTICAL INC

Form 4

September 24, 2007

FORM 4 UNITED STATES SECURITIES AND EXCHANGE COMMISSION Washington, D.C. 20549

OMB APPROVAL

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if no longer subject to Section 16.

Form 4 or Form 5 obligations may continue.

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

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF

SECURITIES

See Instruction 1(b).

(Print or Type Responses)

(Time of Type I	(esponses)											
Name and Address of Reporting Person * Wood Mark			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 BIOMA PHARMAC DIGITAL D	(N O	3. Date of Earliest Transaction (Month/Day/Year) 09/21/2007						Director 10% Owner X Officer (give title Other (specify below) below) VP, Human Resources				
NOVATO, 0					4. If Amendment, Date Original Filed(Month/Day/Year)					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 I - Non-Derivative Securities Acquired, Disposed of, or Beneficially Owned									ly Owned		
1.Title of Security (Instr. 3)	2. Transaction Date (Month/Day/Year)	2A. Deemed Execution Dany (Month/Day	Date, if	3. Transac Code (Instr. 8	8)	4. Securities Acquired on(A) or Disposed of (D) (Instr. 3, 4 and 5) (A) or		d of (D)	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	09/21/2007(1)	09/21/200)7	M	•	521	A	\$ 6.37	521	D		
Common Stock	09/21/2007(1)	09/21/200)7	M		177	A	\$ 6.13	698	D		
Common Stock	09/21/2007(1)	09/21/200)7	M		521	A	\$ 11.74	1,219	D		
Common Stock	09/21/2007(1)	09/21/200)7	M		4,687	A	\$ 14	5,906	D		
	09/21/2007(1)	09/21/200)7	S		591	D	\$ 23	5,315	D		

Common Stock								
Common Stock	09/21/2007(1)	09/21/2007	S	590	D	\$ 23.11	4,725	D
Common Stock	09/21/2007(1)	09/21/2007	S	591	D	\$ 23.18	4,134	D
Common Stock	09/21/2007(1)	09/21/2007	S	291	D	\$ 23.19	3,843	D
Common Stock	09/21/2007(1)	09/21/2007	S	300	D	\$ 23.2	3,543	D
Common Stock	09/21/2007(1)	09/21/2007	S	100	D	\$ 23.27	3,443	D
Common Stock	09/21/2007(1)	09/21/2007	S	981	D	\$ 23.28	2,462	D
Common Stock	09/21/2007(1)	09/21/2007	S	690	D	\$ 23.3	1,772	D
Common Stock	09/21/2007(1)	09/21/2007	S	100	D	\$ 23.33	1,672	D
Common Stock	09/21/2007(1)	09/21/2007	S	1,082	D	\$ 23.34	590	D
Common Stock	09/21/2007(1)	09/21/2007	S	590	D	\$ 23.46	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 Derivative Security (Instr. 3)	2. Conversion or Exercise Price of Derivative Security	3. Transaction Date (Month/Day/Year)		4. Transactic 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
	\$ 6.37	09/21/2007	09/21/2007	M	521	11/03/2004(2)	05/02/2014		521

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Stock Option (right to buy)					Common Stock
Stock Option (right to buy)	\$ 6.13	09/21/2007	09/21/2007	M	177 07/07/2005(3) 01/06/2015 Common Stock 177
Stock Option (right to buy)	\$ 11.74	09/21/2007	09/21/2007	M	521 07/06/2006(4) 01/05/2016 Common Stock 521
Stock Option (right to buy)	\$ 14	09/21/2007	09/21/2007	M	4,687 12/21/2006(5) 06/20/2016 Common Stock 4,687

Reporting Owners

Reporting Owner Name / Address

Director 10% Owner Officer Other

Wood Mark

C/O BIOMARIN PHARMACEUTICAL INC.

105 DIGITAL DRIVE NOVATO, CA 94949 VP, Human Resources

Signatures

/s/ G. Eric Davis, Attorney-in-Fact 09/24/2007

**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 a Rule 10b5-1 Trading Plan.
- (2) Options vested 6/48ths on 11/3/2004 and 1/48th on the 3rd of each month thereafter.
- (3) Options vested 6/48ths on 7/7/2005 and 1/48th on the 7th of each month thereafter.
- (4) Options vested 6/48ths on 7/6/2006 and 1/48th on the 6th of each month thereafter.
- (5) Options vested 6/48ths on 12/21/2006 and 1/48th on the 21st 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.

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