Cooper Jeffrey H Form 4 May 31, 2011

FORM 4

UNITED STATES SECURITIES AND EXCHANGE COMMISSION

Washington, D.C. 20549

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

obligations

may continue.

See Instruction

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

1(b).

(Print or Type Responses)

1. Name and Address of Reporting Person * Cooper Jeffrey H

2. Issuer Name and Ticker or Trading

Issuer

Symbol

BIOMARIN PHARMACEUTICAL INC [BMRN]

(Check all applicable)

SVP, Chief Financial Officer

OMB APPROVAL

Estimated average

burden hours per

3235-0287

January 31,

2005

0.5

OMB

Number:

Expires:

response...

(Last) (First) (Middle)

> (Month/Day/Year) 05/26/2011

Director 10% Owner X_ Officer (give title Other (specify below)

5. Relationship of Reporting Person(s) to

C/O BIOMARIN PHARMACEUTICAL INC., 105

(Street)

(State)

(Zip)

DIGITAL DRIVE

4. If Amendment, Date Original

3. Date of Earliest Transaction

6. Individual or Joint/Group Filing(Check

Filed(Month/Day/Year)

Applicable Line) _X_ Form filed by One Reporting Person Form filed by More than One Reporting

NOVATO, CA 94949

(City)

(City)	(State)	(Zip) Tabl	e I - Non-D	erivative S	Securi	ties Acqu	ired, Disposed of	, or Beneficiall	y Owned
1.Title of Security (Instr. 3)	2. Transaction Date (Month/Day/Year)	. Transaction Date 2A. Deemed Month/Day/Year) Execution Date, if any (Month/Day/Year)		3. 4. Securities Acquired Transaction(A) or Disposed of (D) Code (Instr. 3, 4 and 5) (Instr. 8) (A) or			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	05/26/2011(1)	05/26/2011	Code V M	Amount 17,500	(D)	Price \$ 14.39	55,376	D	
Common Stock	05/26/2011(1)	05/26/2011	S	17,500	D	\$ 27.5	37,876	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. Transactio Code (Instr. 8)	5. Number of orDerivative 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 o Underlying Securities (Instr. 3 and 4)	
				Code V	(A) (D)	Date Exercisable	Expiration Date	Title	Amount or Number of Share
Stock Option (right to buy)	\$ 14.39	05/26/2011 ⁽²⁾	05/26/2011	M	17,500	11/12/2009(2)	05/11/2019	Common Stock	17,500

Reporting Owners

Reporting Owner Name / Address Relationships

Director 10% Owner Officer Other

Cooper Jeffrey H

C/O BIOMARIN PHARMACEUTICAL INC.

105 DIGITAL DRIVE NOVATO, CA 94949 SVP, Chief Financial Officer

Signatures

Laura Randall Woodhead,

Attorney-in-Fact

05/31/2011

**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 executed on March 7, 2011.
- (2) Original option grant vested 6/48ths on November 12, 2009 and 1/48th on the 12th of every 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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