Cooper Jeffrey H Form 4 May 16, 2011

FORM 4

OMB APPROVAL

UNITED STATES SECURITIES AND EXCHANGE COMMISSION

OMB 3235-0287 Number:

Check this box if no longer subject to

Washington, D.C. 20549

January 31, Expires: 2005

Section 16. Form 4 or Form 5 obligations

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF **SECURITIES**

Estimated average burden hours per response...

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

0.5

1(b).

(Print or Type Responses)

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

(First)

2. Issuer Name and Ticker or Trading

5. Relationship of Reporting Person(s) to Issuer

Symbol

BIOMARIN PHARMACEUTICAL INC [BMRN]

(Check all applicable)

(Last)

(Middle)

3. Date of Earliest Transaction

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

(Month/Day/Year)

05/12/2011

SVP, Chief Financial Officer

C/O BIOMARIN PHARMACEUTICAL INC., 10

DIGITAL DRIVE

4. If Amendment, Date Original

6. Individual or Joint/Group Filing(Check

Applicable Line)

(Street)

Filed(Month/Day/Year)

X Form filed by One Reporting Person Form filed by More than One Reporting

below)

NOVATO, CA 94949

(City) (State) (Zip)

Table I - Non-Derivative Securities Acquired, Disposed of, or Beneficially Owned

1.Title of	2. Transaction Date	2A. Deemed	3. 4. Securities Acquired (A)		5. Amount of	6.	7. Nature of		
Security	(Month/Day/Year)	Execution Date, if	Transactionor Disposed of (D)			Securities	Ownership	Indirect	
(Instr. 3)		any	Code			Beneficially	Form:	Beneficial	
		(Month/Day/Year)	(Instr. 8)			Owned	Direct (D)	Ownership	
							Following	or Indirect	(Instr. 4)
					(4)		Reported	(I)	
					(A)		Transaction(s)	(Instr. 4)	
			Code V	Amount	or (D)	Price	(Instr. 3 and 4)		
			Code V	Amount	(D)	Price			
Common	04/29/2011(1)	04/29/2011	A V	1,566	Α	\$	28,376	D	
Stock	0 1/2//2011	0 1/2//2011	,	1,500	••	11.6365	20,570	2	
C									
Common	05/12/2011		A	7,500	Α	<u>(2)</u>	35,876	D	
Stock	00/12/2011			,,200			22,373	_	

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 or 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 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)	\$ 26.49	05/12/2011		A	60,000	11/12/2011(3)	05/11/2021	Common Stock	60,000

Reporting Owners

Relationships Reporting Owner Name / Address Other

Officer Director 10% Owner

Cooper Jeffrey H

C/O BIOMARIN PHARMACEUTICAL INC.

10 DIGITAL DRIVE **NOVATO, CA 94949** SVP, Chief Financial Officer

Signatures

/s/ Laura Randall Woodhead,

05/16/2011

Attorney-in-Fact

**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).
- The reporting person is voluntarily reporting the acquisition of shares of the issuer's common stock pursuant to the issuer's Employee Stock Purchase Program ("ESPP"), for the ESPP purchase period of November 1, 2010 to April 29, 2011.
- (2) Restricted stock units granted on May 12, 2011. Price not applicable.
- (3) Options vest 6/48ths on November 12, 2011 and 1/48th on the 12th 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.

Reporting Owners 2