Cooper Jeffrey H Form 4 February 28, 2012

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 1(b).

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

(Print or Type Responses)

(Last)

C/O BIOMARIN

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

2. Issuer Name and Ticker or Trading

Symbol

BIOMARIN PHARMACEUTICAL

INC [BMRN]

(Month/Day/Year)

3. Date of Earliest Transaction

02/24/2012

response...

Estimated average

burden hours per

OMB APPROVAL

3235-0287

January 31,

2005

0.5

5. Relationship of Reporting Person(s) to

OMB

Number:

Expires:

Issuer

(Check all applicable)

10% Owner

Director

Other (specify X_ Officer (give title below)

SVP, Chief Financial Officer

PHARMACEUTICAL INC., 105 **DIGITAL DRIVE**

(Street)

02/24/2012

02/24/2012

M

(First)

(Middle)

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

D

Person

\$ 21.51 123,140

NOVATO, CA 94949

(City)	(State)	(Zip) Tab	le I - Non-	Derivative	Secur	ities Acqui	red, Disposed of,	or Beneficial	ly Owned
1.Title of Security (Instr. 3)	2. Transaction Date (Month/Day/Year)	2A. Deemed Execution Date, if any (Month/Day/Year)	3. Transactic Code (Instr. 8)	4. Securities Acquired (A) comp Disposed of (D) (Instr. 3, 4 and 5) (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)
			Code V	Amount	(D)	Price	(Ilisti. 3 alid 4)		
Common Stock	02/24/2012	02/24/2012	M	4,864	A	\$ 17.54	44,968	D	
Common Stock	02/24/2012	02/24/2012	M	41,964	A	\$ 17.33	86,932	D	
Common Stock	02/24/2012	02/24/2012	M	8,708	A	\$ 17.86	95,640	D	
Common Stock	02/24/2012	02/24/2012	M	2,500	A	\$ 14.39	98,140	D	

25,000

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Common Stock

Common Stock 02/24/2012 02/24/2012 S 83,036 D \$5.069 40,104 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)	3A. Deemed Execution Date, if any (Month/Day/Year)	4. Transactic 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 of Underlying Securities (Instr. 3 and 4)	
				Code V	(A) (D)	Date Exercisable	Expiration Date	Title	Amour or Numbe of Shar
Stock Option (right to buy) Comon Stock	\$ 17.54	02/24/2012	02/24/2012	M	4,864	05/20/2006(2)	11/19/2016	Common Stock	4,864
Stock Option (right to buy) Common Stock	\$ 17.33	02/24/2012	02/24/2012	M	41,964	12/07/2007(3)	06/06/2017	Common Stock	41,96
Stock Option (right to buy) Common Stock	\$ 17.86	02/24/2012	02/24/2012	M	8,708	05/17/2008(4)	12/16/2018	Common Stock	8,70
Stock Option (right to buy)	\$ 14.39	02/24/2012	02/24/2012	M	2,500	11/12/2009(5)	05/11/2019	Common Stock	2,500

Common Stock

Stock Option

(right to buy)

\$ 21.51 02/24/2012 02/24/2012 M

25,000 11/12/2010(6) 05/11/2020

Common

Other

Stock

25.00

Common Stock

Reporting Owners

Reporting Owner Name / Address

10% Owner Director Officer

Cooper Jeffrey H

C/O BIOMARIN PHARMACEUTICAL INC.

105 DIGITAL DRIVE **NOVATO, CA 94949**

SVP, Chief Financial Officer

Relationships

Signatures

Laura Randall Woodhead,

Attorney-in-Fact

02/28/2012

**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 price in Column 4 is a weighted average price. The prices actually received ranged from \$34.88 to \$35.29. The reporting person will (1) provide to the issuer, any security holder of the issuer, or SEC staff, upon request, information regarding the number of shares sold at each price within the range.
- (2) Original option grant vested 6/48ths on May 20, 2007 and 1/48th on the 12th of every month thereafter.
- (3) Original option grant vested 6/48ths on December 7, 2007 and 1/48th on the 12th of every month thereafter.
- (4) Original option grant vested 6/48ths on May 17, 2009 and 1/48th on the 12th of every month thereafter.
- (5) Original option grant vested 6/48ths on November 12, 2009 and 1/48th on the 12th of every month thereafter.
- (6) Original option grant vested 6/48ths on November 12, 2010 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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