

Cooper Jeffrey H
Form 4
May 14, 2010

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

OMB APPROVAL

OMB
Number: 3235-0287
Expires: January 31,
2005
Estimated average
burden hours per
response... 0.5

(Print or Type Responses)

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

2. Issuer Name **and** Ticker or Trading
Symbol

BIOMARIN PHARMACEUTICAL
INC [BMRN]

5. Relationship of Reporting Person(s) to
Issuer

(Check all applicable)

(Last) (First) (Middle)

C/O BIOMARIN
PHARMACEUTICAL INC., 10
DIGITAL DRIVE

3. Date of Earliest Transaction
(Month/Day/Year)
04/30/2010

____ Director ____ 10% Owner
____X____ Officer (give title ____ Other (specify
below) below)
SVP, Chief Financial Officer

(Street)

NOVATO, CA 94949

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

1. Title of Security (Instr. 3)	2. Transaction Date (Month/Day/Year)	2A. Deemed Execution Date, if any (Month/Day/Year)	3. Transaction Code (Instr. 8)	4. Securities Acquired (A) or Disposed of (D) (Instr. 3, 4 and 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)	7. Nature of Indirect Beneficial Ownership (Instr. 4)
			Code	V	Amount	(A) or (D)	Price		
Common Stock	05/30/2010 ⁽¹⁾	04/30/2010	A	V	1,502	A	\$ 11.6365 ⁽²⁾	20,086	D
Common Stock	05/12/2010	05/12/2010	A		8,400	A	⁽³⁾	28,486	D

Reminder: Report on a separate line for each class of securities beneficially owned directly or indirectly.

**Persons who respond to the collection of
information contained in this form are not
required to respond unless the form
displays a currently valid OMB control**

SEC 1474
(9-02)

number.

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. Transaction 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)	Amount or Number of Shares
Stock Option (right to buy)	\$ 21.51	05/12/2010		A	63,000	11/12/2010 ⁽⁴⁾ 05/11/2020	Common Stock	63,000

Reporting Owners

Reporting Owner Name / Address**Relationships**

Director 10% Owner Officer Other

Cooper Jeffrey H
C/O BIOMARIN PHARMACEUTICAL INC.
10 DIGITAL DRIVE
NOVATO, CA 94949

SVP, Chief Financial Officer

Signatures

G. Eric Davis,
Attorney-in-Fact 05/14/2010

**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) 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 October 31, 2009 to April 30, 2010.
- (2) In accordance with the ESPP, these shares have been purchased at 85% of the closing price of issuer's common stock on April 30, 2010.
- (3) Restricted stock units granted on May 12, 2010. Price not applicable.
- (4) Options vest 6/48ths on November 12, 2010 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.