

BIOMARIN PHARMACEUTICAL INC
 Form 4
 October 23, 2007

FORM 4

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

OMB APPROVAL

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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)

1. 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)
 ___ Director ___ 10% Owner
 Officer (give title below) ___ Other (specify below)
 VP, Human Resources

(Last) (First) (Middle)
 C/O BIOMARIN PHARMACEUTICAL INC., 105 DIGITAL DRIVE
 (Street)

3. Date of Earliest Transaction (Month/Day/Year)
 10/22/2007

NOVATO, CA 94949
 (City) (State) (Zip)

4. If Amendment, Date Original Filed(Month/Day/Year)

6. Individual or Joint/Group Filing(Check Applicable Line)
 Form filed by One Reporting Person
 ___ Form filed by More than One Reporting Person

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) | | | 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 Ownership (Instr. 4) |
|---------------------------------|--------------------------------------|--|--------------------------------|---|-----|-----------------|---|--|-----------------------------------|
| | | | | Code | V | Amount or Price | | | |
| Common Stock | 10/22/2007 ⁽¹⁾ | 10/22/2007 | M | | 521 | A \$ 6.37 | 521 | D | |
| Common Stock | 10/22/2007 ⁽¹⁾ | 10/22/2007 | M | | 177 | A \$ 6.13 | 698 | D | |
| Common Stock | 10/22/2007 ⁽¹⁾ | 10/22/2007 | M | | 521 | A \$ 11.74 | 1,291 | D | |
| Common Stock | 10/22/2007 ⁽¹⁾ | 10/22/2007 | M | | 313 | A \$ 14 | 1,532 | D | |
| | 10/22/2007 ⁽¹⁾ | 10/22/2007 | S | | 154 | D \$ 25 | 1,378 | D | |

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| | | | | | | | | |
|--------------|---------------------------|------------|---|-----|---|------------|-------|---|
| Common Stock | | | | | | | | |
| Common Stock | 10/22/2007 ⁽¹⁾ | 10/22/2007 | S | 153 | D | \$ 25.1901 | 1,225 | D |
| Common Stock | 10/22/2007 ⁽¹⁾ | 10/22/2007 | S | 153 | D | \$ 25.3001 | 1,072 | D |
| Common Stock | 10/22/2007 ⁽¹⁾ | 10/22/2007 | S | 306 | D | \$ 25.3101 | 766 | D |
| Common Stock | 10/22/2007 ⁽¹⁾ | 10/22/2007 | S | 153 | D | \$ 25.33 | 613 | D |
| Common Stock | 10/22/2007 ⁽¹⁾ | 10/22/2007 | S | 154 | D | \$ 25.36 | 459 | D |
| Common Stock | 10/22/2007 ⁽¹⁾ | 10/22/2007 | S | 153 | D | \$ 25.3701 | 306 | D |
| Common Stock | 10/22/2007 ⁽¹⁾ | 10/22/2007 | S | 153 | D | \$ 25.3901 | 153 | D |
| Common Stock | 10/22/2007 ⁽¹⁾ | 10/22/2007 | S | 153 | D | \$ 25.46 | 0 | 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 number.

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(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. 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) | | |
|--|--|--------------------------------------|--|--------------------------------|---|--|---|--------------|----------------------------|
| | | | | | | Date Exercisable | Expiration Date | Title | Amount or Number of Shares |
| Common Stock (right to buy) | \$ 6.37 | 10/22/2007 ⁽¹⁾ | 10/22/2007 | M | 521 | 11/03/2004 ⁽²⁾ | 05/02/2014 | Common Stock | 521 |

| | | | | | | | | | |
|-----------------------------|----------|---------------------------|------------|---|-----|---------------------------|------------|--------------|-----|
| Common Stock (right to buy) | \$ 6.13 | 10/22/2007 ⁽¹⁾ | 10/22/2007 | M | 177 | 07/07/2005 ⁽³⁾ | 01/06/2015 | Common Stock | 177 |
| Common Stock (right to buy) | \$ 11.74 | 10/22/2007 ⁽¹⁾ | 10/22/2007 | M | 521 | 07/06/2006 ⁽⁴⁾ | 01/05/2016 | Common Stock | 521 |
| Common Stock (right to buy) | \$ 14 | 10/22/2007 ⁽¹⁾ | 10/22/2007 | M | 313 | 12/21/2006 ⁽⁵⁾ | 06/20/2016 | Common Stock | 313 |

Reporting Owners

| Reporting Owner Name / Address | Relationships | | | |
|--|---------------|-----------|---------------------|-------|
| | 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

10/23/2007

 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.

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