

ALEXION PHARMACEUTICALS INC  
 Form 4  
 October 17, 2006

**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 \*  
**BELL LEONARD**

(Last) (First) (Middle)

C/O ALEXION  
 PHARMACEUTICALS INC, 352  
 KNOTTER DRIVE

(Street)

CHESHIRE, CT 06410

(City) (State) (Zip)

2. Issuer Name and Ticker or Trading Symbol  
**ALEXION PHARMACEUTICALS  
 INC [alxn]**

3. Date of Earliest Transaction  
 (Month/Day/Year)  
**10/16/2006**

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

5. Relationship of Reporting Person(s) to Issuer

(Check all applicable)

Director  10% Owner  
 Officer (give title below)  Other (specify below)  
**Chief Executive Officer**

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) (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 or Price   |  |   |
| Common Stock, par value \$0.0001 per share | 10/16/2006                           | 10/16/2006   | M                              |   | 30,000 A \$ 10.38   | 360,399  | D   |
| Common Stock, par value #0.0001 per share  | 10/16/2006                           | 10/16/2006   | S                              |   | 15,600 D \$ 37.85   | 344,799  | D   |

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Common  
 Stock, par  
 value 10/16/2006 10/16/2006 S 4,500 D \$ 37.87 340,299 D  
 \$0.0001 per  
 share

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) |
|--|--|--------------------------------------|--|--------------------------------|---|--|---|
|  |  |                                      |  | Code                           | V (A) (D)   | Date Exercisable Expiration Date                         | Title Amount or Number of Shares                              |
| Option to purchase Common Stock            | \$ 10.38   | 10/16/2006                           | 10/16/2008   | M                              | 30,000  | 04/01/2001 04/01/2007                                    | Common Stock, par value \$0.0001 per share 30,000             |

## Reporting Owners

| Reporting Owner Name / Address   | Relationships |           |                         |       |
|--|---------------|-----------|-------------------------|-------|
|  | Director      | 10% Owner | Officer                 | Other |
| BELL LEONARD<br>C/O ALEXION PHARMACEUTICALS INC<br>352 KNOTTER DRIVE<br>CHESHIRE, CT 06410 | X             |           | Chief Executive Officer |       |

## Signatures

Leonard Bell 10/17/2006  
 \*\*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).

Note: File three copies of this Form, one of which must be manually signed. If space is insufficient, *see* Instruction 6 for procedure.

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