

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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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 Ownership (Instr. 4)
			Code	V	Amount	(A) or (D)	Price
Common Stock, par value \$0.0001 per share	10/16/2006	10/16/2006	M		30,000	A	\$ 10.38
Common Stock, par value #0.0001 per share	10/16/2006	10/16/2006	S		15,600	D	\$ 37.85

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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.

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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 C/O ALEXION PHARMACEUTICALS INC 352 KNOTTER DRIVE 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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