

SQUINTO STEPHEN P  
 Form 4  
 February 22, 2012

**FORM 4** UNITED STATES SECURITIES AND EXCHANGE COMMISSION  
 Washington, D.C. 20549

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

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 \*  
 SQUINTO STEPHEN P

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

5. Relationship of Reporting Person(s) to Issuer  
 (Check all applicable)  
 \_\_\_ Director \_\_\_ 10% Owner  
 Officer (give title below) \_\_\_ Other (specify below)  
 EVP, Research & Development

(Last) (First) (Middle)  
 C/O ALEXION PHARMACEUTICALS INC, 352 KNOTTER DRIVE  
 (Street)

3. Date of Earliest Transaction (Month/Day/Year)  
 02/17/2012

CHESHIRE, CT 06410  
 (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) (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)
Common Stock, par value \$.0001 per share	02/17/2012		M	5,260 A	\$ 11.915 92,922	D	
Common Stock, par value \$.0001 per share	02/17/2012		M	50,000 A	\$ 17.6475 142,922	D	

Common Stock, par value 02/17/2012 S 48,481 D \$ 81.266 (1) 94,441 D  
 \$.0001 per share

Common Stock, par value 02/17/2012 S 6,779 D \$ 82.03 (2) 87,662 D  
 \$.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.**

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. 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	\$ 11.915	02/17/2012		M	5,260	10/11/2007 07/11/2017	Common Stock, par value \$0.0001 per share 5,260
Option to Purchase Common Stock	\$ 17.6475	02/17/2012		M	50,000	04/09/2008 01/09/2018	Common Stock, par value \$0.0001 per share 50,000

## Reporting Owners

Reporting Owner Name / Address

Relationships

Director 10% Owner Officer Other

EVP, Research & Development

SQUINTO STEPHEN P  
C/O ALEXION PHARMACEUTICALS INC  
352 KNOTTER DRIVE  
CHESHIRE, CT 06410

## Signatures

/s/ Stephen  
Squinto

02/22/2012

\*\*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).

This transaction was executed in multiple trades through a broker-dealer at prices ranging from \$80.89 - \$81.88. The price reported in this  
(1) column reflects the weighted average sales price. Upon request, the reporting person will provide to the SEC staff full information regarding the number of shares sold at each price.

This transaction was executed in multiple trades through a broker-dealer at prices ranging from \$81.89 - \$82.17. The price reported in this  
(2) column reflects the weighted average sales price. Upon request, the reporting person will provide to the SEC staff full information regarding the number of shares sold at each price.

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.