FORM 3

UNITED STATES SECURITIES AND EXCHANGE COMMISSION

Washington, D.C. 20549

INITIAL STATEMENT OF BENEFICIAL OWNERSHIP OF SECURITIES

OMB APPROVAL

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Filed pursuant to Section 16(a) of the Securities Exchange Act of 1934 or Section 30(h) of the Investment Company Act of 1940

Name and Address of Reporting Person* Wagner Heidi L	2. Date of Event Requiring Statement (Month/Day/Year) 10/01/2015		3. Issuer Name and Ticker or Trading Symbol ALEXION PHARMACEUTICALS INC [ALXN]					
(Last) (First) (Middle) C/O ALEXION PHARMACEUTICALS, INC			4. Relationship of Reporting Person(s) to Issuer (Check all applicable) Director Officer (sixe title Check Consolite)		er (Mor	5. If Amendment, Date of Original Filed (Month/Day/Year)		
352 KNOTTER DRIVE			X Officer (give title below) SVP, Global Governm	Other (spe below) ent Affairs	6. In Appl	Individual or Joint/Group Filing (Check Applicable Line) X Form filed by One Reporting Person		
(Street) CHESHIRE CT 06410						Form filed by Reporting P	y More than One erson	
(City) (State) (Zip)								
Table I - Non-Derivative Securities Beneficially Owned								
1. Title of Security (Instr. 4)			2. Amount of Securities Beneficially Owned (Instr. 4)	3. Ownersh Form: Direct or Indirect ((Instr. 5)	ct (D) (Instr		Beneficial Ownership	
Common Stock, par value \$.0001 per share			25,916	D				
Table II - Derivative Securities Beneficially Owned (e.g., puts, calls, warrants, options, convertible securities)								
1. Title of Derivative Security (Instr. 4) 2. Date Exercisab Expiration Date (Month/Day/Year)		ate	Underlying Derivative Security (Instr. 4) Conv		Conversion or Exercise	Form:	6. Nature of Indirect Beneficial Ownership (Instr. 5)	
	Date Exercisable	Expiratio Date	n Title	Amount or Number of Shares	Price of Derivative Security	Direct (D) or Indirect (I) (Instr. 5)		
Option to Purchase Common Stock	05/02/2011	02/02/202	Common Stock, par value \$.0001 per share	9,500	42.655	D		
Option to Purchase Common Stock	05/03/2012	02/03/202	Common Stock, par value \$.0001 per share	14,000	78.88	D		
Option to Purchase Common Stock	02/12/2013	11/12/202	Common Stock, par value \$.0001 per share	3,000	91.98	D		
Option to Purchase Common Stock	05/06/2013	02/06/202	Common Stock, par value \$.0001 per share	18,807	93.83	D		
Option to Purchase Common Stock	02/28/2015	02/28/202	Common Stock, par value \$.0001 per share	20,000	176.8	D		
Option to Purchase Common Stock	02/27/2016	02/27/202	Common Stock, par value \$.0001 per share	15,000	180.37	D		
Option to Purchase Common Stock	10/01/2016	10/01/202	Common Stock, par value \$.0001 per share	5,000	157.82	D		

Explanation of Responses:

Remarks:

/s/ Michael V. Greco, Attorneyin-fact for Heidi L. Wagner 10/08/2015

** Signature of Reporting Person Date

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

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

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 Number.

^{*} If the form is filed by more than one reporting person, see Instruction 5 (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).