FORM 4

obligations may continue. See Instruction 1(b).

Check this box if no longer subject to Section 16. Form 4 or Form 5

UNITED STATES SECURITIES AND EXCHANGE COMMISSION

Washington, D.C. 20549

OMB APPROVAL OMB Number: Estimated average burden hours per response: 0.5

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* Nader Francois						2. Issuer Name and Ticker or Trading Symbol ALEXION PHARMACEUTICALS INC ALXN										all app	o of Reportin dicable) ctor er (give title	ng Pers	10% O		
	(Last) (First) (Middle) C/O ALEXION PHARMACEUTICALS, INC. 100 COLLEGE STREET				3. Date of Earliest Transaction (Month/Day/Year) 05/09/2018											belov			below)		
(Street) NEW HAVEN CT 06510 (City) (State) (Zip)					4. If	4. If Amendment, Date of Original Filed (Month/Day/Year)									. Indiv ine) X	'					
Table I - Non-Derivative Securities Acquired, Disposed of, or Beneficially Owned																					
1. Title of Security (Instr. 3) 2. Transa Date (Month/D						ar) E	Execution If any	A. Deemed xecution Date, any Month/Day/Year)		Transaction		4. Securities Acquired (A) Disposed Of (D) (Instr. 3, 5)			4 and Ser Be Ow Re		curities eneficially vned Following eported		6. Ownership Form: Direct (D) or Indirect (I) (Instr. 4)	7. Nature of Indirect Beneficial Ownership (Instr. 4)	
										v	Amount		(A) or (D)	Price	,	Transaction(s) (Instr. 3 and 4)					
Common Stock, par value \$.0001 per share 05/09/)/2018						2,1740	1)	A	\$0		4,151			D		
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 D if any (Month/Day)	Date, r/Year)	4. Transactio Code (Insti		of Derivative Securities Acquired (A) or Disposed of (D) (Instr. 3, 4 and 5)		6. Date E: Expiratio (Month/D)	Amount of Securities Underlying Derivative Security (Instr. and 4)		ount nber		ative rity . 5)	9. Number of derivative Securities Beneficially Owned Following Reported Transaction ((Instr. 4)	O F D O (I	Ownership Form: Direct (D) or Indirect (I) (Instr. 4)	11. Nature of Indirect Beneficial Ownership (Instr. 4)		

Explanation of Responses:

1. Award of Restricted Stock Units under the 2017 Incentive Plan. Award vests on the anniversary of the grant date.

Remarks:

Michael V. Greco, Attorney-in-05/11/2018 Fact for François Nader

** Signature of Reporting Person Date

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

- * 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.

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.