ADAGE CAPITAL PARTNERS GP LLC Form SC 13G April 02, 2007

> SECURITIES & EXCHANGE COMMISSION Washington, D.C. 20549

> > SCHEDULE 13G\* (Rule 13d-102)

INFORMATION TO BE INCLUDED IN STATEMENTS FILED PURSUANT TO RULES 13d-1(b), (c) AND (d) AND AMENDMENTS THERETO FILED PURSUANT TO 13d-2(b)

> Alexion Pharmaceuticals, Inc. (Name of Issuer)

Common Stock, par value \$0.0001 (Title of Class of Securities)

> 015351109 (CUSIP Number)

March 26, 2007 (Date of event which requires filing of this statement)

Check the appropriate box to designate the rule pursuant to which this Schedule 13G is filed:

- [] Rule 13d-1(b)
  [X] Rule 13d-1(c)
  [] Rule 13d-1(d)

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\*The remainder of this cover page shall be filled out for a reporting person's initial filing on this form with respect to the subject class of securities, and for any subsequent amendment containing information which would alter the disclosures provided in a prior cover page.

The information required in the remainder of this cover page shall not be deemed to be "filed" for purposes of Section 18 of the Securities Exchange Act of 1934 ("Act") or otherwise subject to the liabilities of that section of the Act but shall be subject to all other provisions of the Act (however, see the Notes).

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NAMES OF REPORTING PERSONS (1)I.R.S. IDENTIFICATION NO. OF ABOVE PERSONS (ENTITIES ONLY)

	Adage Capital Partners, L.P.								
(2)	CHECK THE A	PPROPRIATE BO	X IF A MEMB	EER OF A GROUP **	(a) (b)				
(3)	SEC USE ONLY	 !							
(4)	CITIZENSHIP	OR PLACE OF O		N					
	(5) SOLI	E VOTING POWE	R	-0-					
SHARES									
BENEFICIALL OWNED BY	Y (6) SHAI	RED VOTING PO	WER	1,966,200					
EACH	(7) SOLI	E DISPOSITIVE	POWER	-0-					
REPORTING									
PERSON WITH	(8) SHAI	RED DISPOSITI	VE POWER	1,966,200					
(9)		MOUNT BENEFIC ORTING PERSON		1,966,200					
(10)		THE AGGREGA		**		[ ]			
(11)	PERCENT OF (	CLASS REPRESE N ROW (9)	NTED						
				5.5% 					
(12)	TYPE OF REPO	ORTING PERSON	**	PN					
	**	SEE INSTRUCT	IONS BEFORE	FILLING OUT!					
CUSIP No.	015351109		13G	Page 3	of 11	Pages			
(1)	I.R.S. IDEN	PORTING PERSON TIFICATION NO RSONS (ENTITI	Es only)	re Capital Partners	 GP, I	L.L.C.			
(2)	CHECK THE A	PPROPRIATE BO	X IF A MEMB	BER OF A GROUP **	(a) (b)				
(3)	SEC USE ONLY	 ?							
(4)	 CITIZENSHIP	OR PLACE OF	 ORGANIZATIC	 N					

Delaware NUMBER OF (5) SOLE VOTING POWER -0-SHARES BENEFICIALLY (6) SHARED VOTING POWER 1,966,200 OWNED BY (7) SOLE DISPOSITIVE POWER EACH -0-REPORTING PERSON WITH (8) SHARED DISPOSITIVE POWER (9) AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON 1,966,200 (10) CHECK BOX IF THE AGGREGATE AMOUNT IN ROW (9) EXCLUDES CERTAIN SHARES \*\* [ ] \_\_\_\_\_\_ (11) PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW (9) 5.5% \_\_\_\_\_\_ (12) TYPE OF REPORTING PERSON \*\*

\*\* SEE INSTRUCTIONS BEFORE FILLING OUT!

CUSIP No. 015351109 13G Page 4 of 11 Pages (1) NAMES OF REPORTING PERSONS I.R.S. IDENTIFICATION NO. OF ABOVE PERSONS (ENTITIES ONLY) Adage Capital Advisors, L.L.C. (2) CHECK THE APPROPRIATE BOX IF A MEMBER OF A GROUP \*\* (a) [ ] (3) SEC USE ONLY (4) CITIZENSHIP OR PLACE OF ORGANIZATION Delaware NUMBER OF (5) SOLE VOTING POWER -0-SHARES BENEFICIALLY (6) SHARED VOTING POWER 1,966,200 OWNED BY

EACH		(7)	SOLE DI	SPOSITIV	E POWER	-0-			
REPORTING									
PERSON WITH	I	(8)	SHARED	DISPOSIT	IVE POWER	1,966,2	00		
(9)					CIALLY OWN	IED			
	D1	LACI	REPORT	NG PERSO		1,966,2	00		
(10)	IN	ROW	(9) EXCI		ATE AMOUNT TAIN SHARE				[ ]
(11)	PERCENT OF CLASS REPRESENTED								
	BY AMOUNT IN ROW (9)					5.5%			
(12)	TYP	E OF	' REPORTI	NG PERSO	N **	00			
			** SEE	INSTRUC	TIONS BEFO	RE FILLING	OUT!		
CUSIP No.	0153	5110	9		13G		Page 5	5 of 11	Pages
(1)	I.R	S.S.	IDENTIF	TING PERS CATION N IS (ENTIT	O. IES ONLY)	bert Atchi	nson		
(2)	CHE	CK T	HE APPRO	PRIATE B	OX IF A ME	MBER OF A (	GROUP **	(a) (b)	[ ] [X]
(3)	SEC	USE	ONLY						
(4)	CIT	IZEN	ISHIP OR	PLACE OF United	ORGANIZAT States	·ION			
NUMBER OF		(5)	SOLE VO	TING POW	ER				
SHARES						-0-			
BENEFICIALL	Υ	(6)	SHARED	VOTING P	OWER	1 066 2	0.0		
OWNED BY						1,966,2			
EACH		(7)	SOLE DI	SPOSITIV	E POWER	0			
REPORTING						-0-			
PERSON WITH	[ 	(8)	SHARED	DISPOSIT	IVE POWER	1,966,2	00		
(9)	AGG	REGA	TE AMOUN	T BENEFI	CIALLY OWN	IED			

BY EACH REPORTING PERSON

						1,966,200			
(10)			OX IF THE		TE AMOUNT AIN SHARES	**			[ ]
(11)			OF CLASS		NTED	5.5%			
(12)	TYP	E OF	REPORTING	 G PERSON	**				
						IN 			
			** SEE :	INSTRUCT	IONS BEFORE	E FILLING O	UT!		
CUSIP No.	0153	5110	9		13G		Page	6 of 11	Pages
(1)	I.F	R.S.	F REPORTII IDENTIFICA E PERSONS	ATION NO	· ES ONLY)	llip Gross			
(2)	CHE	iCK I	HE APPROPI	RIAIE BO	X IF A MEME	BER OF A GR	OUP ^^	(a)	[ ] [X]
(3)	SEC	USE	ONLY						
(4)	CIT	IZEN		LACE OF United S	ORGANIZATIO tates	ON			
NUMBER OF		(5)	SOLE VOT	ING POWE	 R	-0-			
SHARES									
BENEFICIALL OWNED BY	·Υ	(6)	SHARED VO	OTING PO	WER	1,966,200			
EACH		(7)	SOLE DIS	POSITIVE	POWER	-0-			
REPORTING									
PERSON WITH	I	(8)	SHARED D	ISPOSITI	VE POWER	1,966,200			
(9)			TE AMOUNT REPORTING		IALLY OWNED	1,966,200			
(10)					TE AMOUNT AIN SHARES	**			[ ]
(11)			OF CLASS		NTED				

5.5%

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(12) TYPE OF REPORTING PERSON \*\*

ΙN

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\*\* SEE INSTRUCTIONS BEFORE FILLING OUT!

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Item 1(a). Name of Issuer:

The name of the issuer is Alexion Pharmaceuticals, Inc. (the "Company").

Item 1(b). Address of Issuer's Principal Executive Offices:

The Company's principal executive offices are located at 352 Knotter Drive, Cheshire, CT 06410

#### Item 2(a). Name of Person Filing:

This statement is filed by:

- (i) Adage Capital Partners, L.P., a Delaware limited partnership ("ACP"), with respect to the shares of Common Stock directly owned by it;
- (ii) Adage Capital Partners GP, L.L.C., a limited liability company organized under the laws of the State of Delaware ("ACPGP"), as general partner of ACP with respect to the shares of Common Stock directly owned by ACP;
- (iii) Adage Capital Advisors, L.L.C., a limited liability company organized under the laws of the State of Delaware ("ACA"), as managing member of ACPGP, general partner of ACP, with respect to the shares of Common Stock directly owned by ACP;
- (iv) Phillip Gross ("Mr. Gross"), as managing member of ACA, managing member of ACPGP, general partner of ACP with respect to the shares of Common Stock directly owned by ACP; and
  - (v) Robert Atchinson ("Mr. Atchinson"), as managing member of ACA, managing member of ACPGP, general partner of ACP with respect to the shares of Common Stock directly owned by ACP.

The foregoing persons are hereinafter collectively referred to as the "Reporting Persons." Any disclosures herein with respect to persons other than the Reporting Persons are made on information and belief after making inquiry to the appropriate party.

Item 2(b). Address of Principal Business Office or, if None, Residence:

The address of the business office of each of the Reporting Persons is 200 Clarendon Street, 52nd Floor, Boston, Massachusetts 02116.

## Item 2(c). Citizenship:

ACP is a limited partnership organized under the laws of the State of Delaware. ACPGP and ACA are limited liability companies organized under the laws of the State of Delaware. Messrs. Gross and Atchinson are citizens of the United States.

Item 2(d). Title of Class of Securities:

Common Stock, par value \$0.0001 (the "Common Stock")

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Item 2(e). CUSIP Number:

015351109

- Item 3. If this statement is filed pursuant to Rules 13d-1(b) or 13d-2(b) or (c), check whether the person filing is a:
  - (a) [ ] Broker or dealer registered under Section 15 of the  $\operatorname{Act}$ ,
  - (b) [ ] Bank as defined in Section 3(a)(6) of the Act,
  - (c) [ ] Insurance Company as defined in Section 3(a)(19) of the Act,
  - (d) [ ] Investment Company registered under Section 8 of the Investment Company Act of 1940,
  - (e) [ ] Investment Adviser in accordance with Rule 13d-1 (b) (1) (ii) (E),
  - (f) [ ] Employee Benefit Plan or Endowment Fund in accordance with 13d-1 (b) (1) (ii) (F),
  - (g) [ ] Parent Holding Company or control person in accordance with Rule 13d-1 (b) (1) (ii) (G),
  - (h) [ ] Savings Association as defined in Section 3(b) of the Federal Deposit Insurance Act,
  - (i) [ ] Church Plan that is excluded from the definition of an investment company under Section 3(c)(14) of the Investment Company Act of 1940,
  - (j) [ ] Group, in accordance with Rule 13d-1(b)(1)(ii)(J).

If this statement is filed pursuant to 13d-1(c), check this box: [x]

#### Item 4. Ownership.

- A. Adage Capital Partners, L.P., Adage Capital Partners GP, L.L.C. and Adage Capital Advisors, L.L.C.
  - (a) Amount beneficially owned: 1,966,200
  - (b) Percent of class: 5.5% The percentages used herein and in the rest of Item 4 are based on 35,740,970 shares of Common Stock reported to be outstanding as of February 21, 2007, as reflected in the Form 10-K filed by the Company on February 23, 2007.
  - (c)(i) Sole power to vote or direct the vote: -0-
    - (ii) Shared power to vote or direct the vote: 1,966,200

- (iii) Sole power to dispose or direct the disposition: -0-
- (iv) Shared power to dispose or direct the disposition: 1,966,200

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ACP has the power to dispose of and the power to vote the shares of Common Stock beneficially owned by it, which power may be exercised by its general partner, ACPGP. ACA, as managing member of ACPGP, directs ACPGP's operations. Neither ACPGP nor ACA own directly any shares of Common Stock. By reason of the provisions of Rule 13d-3 of the Securities Exchange Act of 1934 (the "Act"), ACPGP and ACA may be deemed to own beneficially the shares owned by ACP.

- B. Robert Atchinson and Phillip Gross
  - (a) Amount beneficially owned: 1,966,200
  - (b) Percent of class: 5.5%
  - (c)(i) Sole power to vote or direct the vote: -0-
    - (ii) Shared power to vote or direct the vote: 1,966,200
    - (iii) Sole power to dispose or direct the disposition: -0-
    - (iv) Shared power to dispose or direct the disposition: 1,966,200

Messrs. Atchinson and Gross, as managing members of ACA, have shared power to vote the Common Stock beneficially owned by ACP. Neither Mr. Atchinson nor Mr. Gross directly own any shares of Common Stock. By reason of the provisions of Rule 13d-3 of the Act, each may be deemed to beneficially own the shares beneficially owned by ACP.

Item 5. Ownership of Five Percent or Less of a Class.

Not applicable.

Item 6. Ownership of More than Five Percent on Behalf of Another Person.

ACPGP, the general partner of ACP, has the power to direct the affairs of ACP, including decisions respecting the disposition of the proceeds from the sale of the shares. Messrs. Atchinson and Gross are the Managing Members of ACA, the managing member of ACPGP, and in that capacity direct ACPGP's operations.

Item 7. Identification and Classification of the Subsidiary Which Acquired the Security Being Reported on by the Parent Holding Company.

Not applicable.

Item 8. Identification and Classification of Members of the Group.

Not applicable.

Item 9. Notice of Dissolution of Group.

Not applicable.

Item 10. Certification.

Each of the Reporting Persons hereby makes the following certification:

By signing below I certify that, to the best of my knowledge and belief, the securities referred to above were not acquired and are not held for the purpose of or with the effect of changing or influencing the control of the issuer of the securities and were not acquired and are not held in connection with or as a participant in any transaction having that purpose or effect.

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#### SIGNATURES

After reasonable inquiry and to the best of our knowledge and belief, the undersigned certify that the information set forth in this statement is true, complete and correct.

DATED: April 2, 2007

ADAGE CAPITAL PARTNERS, L.P.

By: Adage Capital Partners GP, L.L.C.,

its general partner

By: Adage Capital Advisors, L.L.C., its managing member

/s/ Robert Atchinson

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Name: Robert Atchinson Title: Managing Member

ADAGE CAPITAL PARTNERS GP, L.L.C. By: Adage Capital Advisors, L.L.C., its managing member

/s/ Robert Atchinson

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Name: Robert Atchinson Title: Managing Member

ADAGE CAPITAL ADVISORS, L.L.C.

/s/ Robert Atchinson

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Name: Robert Atchinson Title: Managing Member

ROBERT ATCHINSON

/s/ Robert Atchinson

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ROBERT ATCHINSON, individually

PHILLIP GROSS

/s/ Phillip Gross

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PHILLIP GROSS, individually

#### EXHIBIT 1

#### JOINT ACQUISITION STATEMENT

#### PURSUANT TO RULE 13d-1(k)

The undersigned acknowledge and agree that the foregoing statement on Schedule 13G, is filed on behalf of each of the undersigned and that all subsequent amendments to this statement on Schedule 13G, shall be filed on behalf of each of the undersigned without the necessity of filing additional joint acquisition statements. The undersigned acknowledge that each shall be responsible for the timely filing of such amendments, and for the completeness and accuracy of the information concerning him or it contained therein, but shall not be responsible for the completeness and accuracy of the information concerning the others, except to the extent that he or it knows or has reason to believe that such information is inaccurate.

DATED: April 2, 2007 ADAGE CAPITAL PARTNERS, L.P.

By: Adage Capital Partners GP, L.L.C.,

its general partner

By: Adage Capital Advisors, L.L.C.,

its managing member

/s/ Robert Atchinson

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Name: Robert Atchinson Title: Managing Member

ADAGE CAPITAL PARTNERS GP, L.L.C.

By: Adage Capital Advisors, L.L.C.,

its managing member

/s/ Robert Atchinson

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Name: Robert Atchinson Title: Managing Member

ADAGE CAPITAL ADVISORS, L.L.C.

/s/ Robert Atchinson

Name: Robert Atchinson Title: Managing Member

ROBERT ATCHINSON

/s/ Robert Atchinson

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Name: Robert Atchinson

PHILLIP GROSS

/s/ Phillip Gross

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Name: Phillip Gross