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OMB APPROVAL

OMB Number: 3235-0145  
Expires: December 31, 1997  
Estimated average burden  
hours per response. . .14.90  
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UNITED STATES  
SECURITIES AND EXCHANGE COMMISSION  
WASHINGTON, D.C. 20549

SCHEDULE 13G

UNDER THE SECURITIES EXCHANGE ACT OF 1934  
(AMENDMENT)\*

Alexion Pharmaceuticals, Inc.

-----  
(Name of Issuer)

Common Stock (\$.0001 par value)

-----  
(Title of Class of Securities)

015351109

-----  
(CUSIP Number)

\*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 the purpose 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).

CUSIP NO. 015351109

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1 NAME OF REPORTING PERSON BIOTECHNOLOGY INVESTMENT GROUP, LLC ("BIO")  
S.S. OR I.R.S. IDENTIFICATION NO. OF ABOVE PERSON N/A

2 CHECK THE APPROPRIATE BOX IF A MEMBER OF A GROUP\*  
(a) [ ]  
(b) [ ]

3 SEC USE ONLY

4 CITIZENSHIP OR PLACE OF ORGANIZATION

Delaware

5 SOLE VOTING POWER

-0-

NUMBER OF  
SHARES  
BENEFICIALLY  
OWNED BY  
EACH  
REPORTING  
PERSON  
WITH

6 SHARED VOTING POWER

891,898

7 SOLE DISPOSITIVE POWER

-0-

8 SHARED DISPOSITIVE POWER

891,898

9 AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON

891,898

10 CHECK BOX IF THE AGGREGATE AMOUNT IN ROW (9) EXCLUDES CERTAIN SHARES\*  
[ ]

11 PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW 9

12.1%

12 TYPE OF REPORTING PERSON\*

00

\*SEE INSTRUCTIONS BEFORE FILLING OUT!

-----  
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-----  
1 NAME OF REPORTING PERSON EDWARD BLECH TRUST ("EBT")  
S.S. OR I.R.S. IDENTIFICATION NO. OF ABOVE PERSON N/A  
-----

-----  
2 CHECK THE APPROPRIATE BOX IF A MEMBER OF A GROUP\*  
(a) [ ]  
(b) [ ]  
-----

-----  
3 SEC USE ONLY  
-----

-----  
4 CITIZENSHIP OR PLACE OF ORGANIZATION  
New York  
-----

	5	SOLE VOTING POWER
		-0-
NUMBER OF SHARES BENEFICIALLY OWNED BY EACH REPORTING PERSON WITH	6	SHARED VOTING POWER
		891,898
	7	SOLE DISPOSITIVE POWER
		-0-
	8	SHARED DISPOSITIVE POWER
		891,898

-----  
9 AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON  
891,898  
-----

-----  
10 CHECK BOX IF THE AGGREGATE AMOUNT IN ROW (9) EXCLUDES CERTAIN SHARES\* [ ]  
-----

-----  
11 PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW 9  
12.1%  
-----

-----  
12 TYPE OF REPORTING PERSON\*  
00  
-----

\*SEE INSTRUCTIONS BEFORE FILLING OUT!

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-----  
1 NAME OF REPORTING PERSON COLLINSON HOWE VENTURE PARTNERS, INC.  
S.S. OR I.R.S. IDENTIFICATION NO. OF ABOVE PERSON N/A  
-----

-----  
2 CHECK THE APPROPRIATE BOX IF A MEMBER OF A GROUP\*  
(a) [ ]  
(b) [ ]  
-----

3 SEC USE ONLY  
-----

4 CITIZENSHIP OR PLACE OF ORGANIZATION  
Delaware  
-----

5 SOLE VOTING POWER

-0-

NUMBER OF  
SHARES  
BENEFICIALLY  
OWNED BY  
EACH  
REPORTING  
PERSON  
WITH

-----  
6 SHARED VOTING POWER

891,898  
-----

7 SOLE DISPOSITIVE POWER

-0-  
-----

8 SHARED DISPOSITIVE POWER

891,898  
-----

9 AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON  
891,898  
-----

10 CHECK BOX IF THE AGGREGATE AMOUNT IN ROW (9) EXCLUDES CERTAIN SHARES\* [ ]  
-----

11 PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW 9  
12.1%  
-----

12 TYPE OF REPORTING PERSON\*  
CO  
-----

\*SEE INSTRUCTIONS BEFORE FILLING OUT!

-----  
CUSIP NO. 015351109 13G PAGE 5 OF 17  
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1 NAME OF REPORTING PERSON SCHRODERS INCORPORATED ("SI")  
S.S. OR I.R.S. IDENTIFICATION NO. OF ABOVE PERSON N/A

2 CHECK THE APPROPRIATE BOX IF A MEMBER OF A GROUP\*  
(a) [ ]  
(b) [ ]

3 SEC USE ONLY

4 CITIZENSHIP OR PLACE OF ORGANIZATION

Delaware

5 SOLE VOTING POWER

-0-

NUMBER OF  
SHARES  
BENEFICIALLY  
OWNED BY  
EACH  
REPORTING  
PERSON  
WITH

6 SHARED VOTING POWER

891,898

7 SOLE DISPOSITIVE POWER

-0-

8 SHARED DISPOSITIVE POWER

891,898

9 AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON

891,898

10 CHECK BOX IF THE AGGREGATE AMOUNT IN ROW (9) EXCLUDES CERTAIN SHARES\* [ ]

11 PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW 9

12.1%

12 TYPE OF REPORTING PERSON\*

CO

\*SEE INSTRUCTIONS BEFORE FILLING OUT!

CUSIP NO. 015351109

13G

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1 NAME OF REPORTING PERSON JEFFREY J. COLLINSON ("JJC")  
S.S. OR I.R.S. IDENTIFICATION NO. OF ABOVE PERSON N/A

2 CHECK THE APPROPRIATE BOX IF A MEMBER OF A GROUP\*  
(a) [ ]  
(b) [ ]

3 SEC USE ONLY

4 CITIZENSHIP OR PLACE OF ORGANIZATION

Delaware

	5	SOLE VOTING POWER	
			7,131
NUMBER OF SHARES BENEFICIALLY OWNED BY EACH REPORTING PERSON WITH	6	SHARED VOTING POWER	
			899,029
	7	SOLE DISPOSITIVE POWER	
			7,131
	8	SHARED DISPOSITIVE POWER	
			899,029

9 AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON

899,029

10 CHECK BOX IF THE AGGREGATE AMOUNT IN ROW (9) EXCLUDES CERTAIN SHARES\* [ ]

11 PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW 9

12.2%

12 TYPE OF REPORTING PERSON\*

IN

\*SEE INSTRUCTIONS BEFORE FILLING OUT!

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 CUSIP NO. 015351109  
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 PAGE 7 OF 17  
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-----  
 1 NAME OF REPORTING PERSON SCHRODER VENTURES U.S. TRUST ("SVUST")  
 S.S. OR I.R.S. IDENTIFICATION NO. OF ABOVE PERSON N/A  
 -----

-----  
 2 CHECK THE APPROPRIATE BOX IF A MEMBER OF A GROUP\*  
 -----

(a) [ ]  
 (b) [ ]  
 -----

3 SEC USE ONLY  
 -----

4 CITIZENSHIP OR PLACE OF ORGANIZATION  
 -----

Bermuda  
 -----

5 SOLE VOTING POWER  
 -----

-0-  
 -----

NUMBER OF  
 SHARES  
 BENEFICIALLY  
 OWNED BY  
 EACH  
 REPORTING  
 PERSON  
 WITH  
 -----

6 SHARED VOTING POWER  
 -----

891,898  
 -----

7 SOLE DISPOSITIVE POWER  
 -----

-0-  
 -----

8 SHARED DISPOSITIVE POWER  
 -----

891,898  
 -----

9 AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON  
 -----

891,898  
 -----

10 CHECK BOX IF THE AGGREGATE AMOUNT IN ROW (9) EXCLUDES CERTAIN SHARES\* [ ]  
 -----

11 PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW 9  
 -----

12.1%  
 -----

12 TYPE OF REPORTING PERSON\*  
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00  
 -----

\*SEE INSTRUCTIONS BEFORE FILLING OUT!  
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CUSIP NO. 015351109

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1 NAME OF REPORTING PERSON SCHRODER VENTURES LIMITED PARTNERSHIP ("SVLP")  
S.S. OR I.R.S. IDENTIFICATION NO. OF ABOVE PERSON N/A

2 CHECK THE APPROPRIATE BOX IF A MEMBER OF A GROUP\*

(a) [ ]  
(b) [ ]

3 SEC USE ONLY

4 CITIZENSHIP OR PLACE OF ORGANIZATION

Delaware

5 SOLE VOTING POWER

-0-

NUMBER OF  
SHARES  
BENEFICIALLY  
OWNED BY  
EACH  
REPORTING  
PERSON  
WITH

6 SHARED VOTING POWER

891,898

7 SOLE DISPOSITIVE POWER

-0-

8 SHARED DISPOSITIVE POWER

891,898

9 AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON

891,898

10 CHECK BOX IF THE AGGREGATE AMOUNT IN ROW (9) EXCLUDES CERTAIN SHARES\* [ ]

11 PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW 9

12.1%

12 TYPE OF REPORTING PERSON\*

PN

\*SEE INSTRUCTIONS BEFORE FILLING OUT!



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 CUSIP NO. 015351109  
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ITEM 1(a). NAME OF ISSUER: Alexion Pharmaceuticals, Inc.  
 -----

ITEM 1(b). ADDRESS OF ISSUER'S PRINCIPAL EXECUTIVE OFFICES:  
 -----

25 Science Park  
 New Haven, CT 06511

ITEM 2. NAMES, ADDRESSES AND CITIZENSHIP OF PERSONS FILING:  
 -----

I. For Reporting Person  
 -----

BIOTECHNOLOGY INVESTMENT GROUP, L.L.C.:

- a) Biotechnology Investment Group, L.L.C.
- b) c/o Collinson Howe Venture Partners, Inc.  
 1055 Washington Boulevard  
 Stamford, CT 06901
- c) Place of organization -- Delaware

II. REGARDING REPORTING PERSON EDWARD BLECH TRUST:

- a) Edward Blech Trust
- b) 418 Avenue I  
 Brooklyn, NY 11231
- c) Trusted created under laws of New York

REGARDING REPORTING PERSON COLLINSON HOWE VENTURE PARTNERS, INC.

- a) Collinson Howe Venture Partners, Inc.
- b) 1055 Washington Boulevard  
 Stamford, CT 06901
- c) Place of Organization - Delaware

REGARDING REPORTING PERSON:

- a) Schroders Incorporated
- b) 787 Seventh Avenue, 29th Floor  
 New York, NY 10019
- c) Place of Organization -- Delaware

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 CUSIP NO. 015351109  
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REGARDING REPORTING PERSON JEFFREY J. COLLINSON:

- a) Jeffrey J. Collinson
- b) 1055 Washington Boulevard,  
Stamford, CT 06901
- c) Citizenship - United States

REGARDING REPORTING PERSON SCHRODER VENTURES US TRUST:

- a) Schroder Ventures U.S. Trust
- b) c/o Schroder Venture Managers Limited  
22 Church Street  
Hamilton HM 11, Bermuda
- c) SVUST is a closed-end unit trust created under the laws of  
Bermuda

REGARDING REPORTING PERSON SCHRODER VENTURES LIMITED PARTNERSHIP:

- a) Schroder Ventures Limited Partnership
- b) c/o Schroder Ventures Management L.P.  
787 Seventh Avenue  
29th Floor  
New York, NY 10019
- c) Place of organization -- Delaware

ITEM 2(d). TITLE OF CLASS OF SECURITIES: Common Stock  
 -----

ITEM 2(e). CUSIP NUMBER: N/A  
 -----

ITEM 3. IF THIS STATEMENT IS FILED PURSUANT TO RULES  
 -----

13D-1(b), or 13D-2(b), CHECK WHETHER THE PERSON FILING IS A:  
 -----

- (a)  [ ] Broker or Dealer registered under Section 15 of the  
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,
- (e)  [ ] Investment Advisor registered under Section 203 of  
the Investment Advisors Act of 1940,
- (f)  [ ] Employee Benefit Plan, Pension Fund which  
is subject to the provisions of the Employee  
Retirement Income Security Act of 1974 or  
Endowment Fund; see Rule 13d-1(b)(1)(ii)(f)  
of the Act,
- (g)  [ ] Parent Holding Company, in accordance with Rule  
13d-1(b)(ii)(G); see Item 7,

-----  
CUSIP NO. 015351109  
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(h) [ ] Group, in accordance with Rule 13d-1(b)(1)(ii)(H).  
Not Applicable.

ITEM 4. OWNERSHIP.  
-----  
See Items 5-8 on cover pages.

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.  
-----  
Not Applicable.

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.  
-----  
  
Not Applicable. This statement on Schedule 13G is not filed  
pursuant to Rule 13d-1(b).

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CUSIP NO. 015351109  
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SIGNATURE

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

February 28, 1997  
-----  
Date

BIOTECHNOLOGY INVESTMENT GROUP, L.L.C.  
By: COLLINSON HOWE VENTURE PARTNERS, INC.  
Its: Managing Member

By: \*  
-----  
Jeffrey J. Collinson, President

EDWARD BLECH TRUST

By: \*  
-----  
Mordechai Jofen, as Sole Trustee

COLLINSON HOWE VENTURE PARTNERS, INC.

By: \*  
-----  
Jeffrey J. Collinson, President

\*  
-----  
JEFFREY J. COLLINSON

SCHRODERS INCORPORATED

By: \*  
-----  
Jeffrey J. Collinson, Its Attorney-in-Fact

SCHRODER VENTURES U.S. TRUST  
By: SCHRODER VENTURE MANAGERS LIMITED  
Its: Manager

By: \*  
-----

-----  
CUSIP NO. 015351109  
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SCHRODER VENTURES LIMITED  
PARTNERSHIP  
By: SCHRODER VENTURES MANAGEMENT L.P.  
Its: General Partner  
By: SCHRODER VENTURE MANAGERS INC.  
Its: General Partner

By: \*  
-----

\* By: /s/Timothy C. Maguire  
-----  
Timothy C. Maguire, Attorney-in-Fact

-----  
CUSIP NO. 015351109  
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EXHIBIT 1  
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AGREEMENT  
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Pursuant to Rule 13d-1(f)(1) under the Securities Exchange Act of 1934, the undersigned hereby agree that only one statement containing the information required by Schedule 13G need be filed on behalf of all of the undersigned with respect to the ownership of shares of Common Stock of Alexion Pharmaceuticals, Inc. by any of the undersigned.

This agreement may be executed in any number of counterparts, each of which shall be deemed an original.

EXECUTED as a sealed instrument this 28th day of February, 1997.

BIOTECHNOLOGY INVESTMENT GROUP, L.L.C.  
By: COLLINSON HOWE VENTURE PARTNERS, INC.  
Its: Managing Member

By: /s/Jeffrey J. Collinson  
-----  
Jeffrey J. Collinson, President

EDWARD BLECH TRUST

By: /s/Mordechai Jofen  
-----  
Mordechai Jofen, as Sole Trustee

COLLINSON HOWE VENTURE PARTNERS, INC.

By: /s/Jeffrey J. Collinson  
-----  
Jeffrey J. Collinson, President

/s/Jeffrey J. Collinson  
-----  
JEFFREY J. COLLINSON

SCHRODERS INCORPORATED

By: /s/Jeffrey J. Collinson  
-----  
Jeffrey J. Collinson  
Its: Attorney-in-Fact

SCHRODER VENTURES U.S. TRUST  
By: SCHRODER VENTURE MANAGERS LIMITED  
Its: Manager

By: /s/Peter Everson  
-----  
Peter Everson



-----  
CUSIP NO. 015351109  
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SCHRODER VENTURES LIMITED  
PARTNERSHIP

By: SCHRODER VENTURES MANAGEMENT L.P.

Its: General Partner

By: SCHRODER VENTURE MANAGERS INC.

Its: General Partner

By: /s/Peter Everson

-----

Peter Everson



-----  
CUSIP NO. 015351109  
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-----  
Exhibit 2  
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POWER OF ATTORNEY

KNOW ALL MEN BY THESE PRESENTS, that each person whose signature appears below, and each entity for which an authorized signature appears below, hereby constitutes and appoints Timothy C. Maguire and Anne G. Plimpton, and each of them, each with full power to act without the other, his, her or its, as the case may be, true and lawful attorney-in-fact, with full power of substitution, to sign any and all instruments, certificates and documents that may be necessary, desirable or appropriate to be executed on behalf of himself, herself or itself, as the case may be, as an individual or in his, her or its, as the case may be, capacity as a general partner of any partnership or a trustee of any trust, pursuant to section 13 or 16 of the Securities Exchange Act of 1934, as amended (the "Exchange Act"), and any and all regulations promulgated thereunder, and to file the same, with all exhibits thereto, and any other documents in connection therewith, all in connection with the beneficial ownership of securities held by the undersigned, with the Securities and Exchange Commission, and with any other entity when and if such is mandated by the Exchange Act or by the By-laws of the National Association of Securities Dealers, Inc., granting unto said attorney-in-fact full power and authority to do and perform each and every act and thing necessary, desirable or appropriate, fully to all intents and purposes as he might or could do in person, thereby ratifying and confirming all that said attorney-in-fact, or his substitutes, may lawfully do or cause to be done by virtue hereof. This Power of Attorney will remain in effect until revoked by an instrument in writing delivered to the aforesaid attorney(s)-in-fact. The undersigned each acknowledge that Timothy C. Maguire and Anne G. Plimpton are not assuming any of the undersigned's responsibilities to comply with Section 16 of the Securities Exchange Act of 1934.

IN WITNESS WHEREOF, this Power of Attorney has been signed as of the 12th day of February, 1997.

BIOTECHNOLOGY INVESTMENT GROUP, L.L.C.  
By: COLLINSON HOWE VENTURE PARTNERS, INC.  
Its: Managing Member

By: /s/Jeffrey J. Collinson  
-----  
Jeffrey J. Collinson,  
President

EDWARD BLECH TRUST

By: /s/Mordechai Jofen  
-----  
Mordechai Jofen,  
as Sole Trustee

/s/Mordechai Jofen  
-----  
Mordechai Jofen

COLLINSON HOWE VENTURE PARTNERS, INC.

By: /s/Jeffrey J. Collinson  
-----  
Jeffrey J. Collinson,  
President

-----  
CUSIP NO. 015351109  
-----

13G

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-----

/s/Jeffrey J. Collinson

-----  
Jeffrey J. Collinson

SCHRODERS INCORPORATED

By: /s/Jeffrey J. Collinson

-----  
Jeffrey J. Collinson  
Its: Attorney-in-Fact

SCHRODER VENTURES LIMITED PARTNERSHIP  
By: SCHRODER VENTURES MANAGEMENT L.P.  
Its: General Partner  
By: SCHRODER VENTURE MANAGERS INC.  
Its: General Partner

By: /s/Peter Everson

-----  
Peter Everson

SCHRODER VENTURES U.S. TRUST  
By: SCHRODER VENTURE MANAGERS LIMITED  
Its: Manager

By: /s/Peter Everson

-----  
Peter Everson