UNITED STATES SECURITIES AND EXCHANGE COMMISSION Washington, DC 20549

SCHEDULE 13G

Under the Securities Exchange Act of 1934 (Amendment No.) *

Alexion Pharmaceuticals, Inc. (Name of Issuer)

Common Stock Par Value \$.0001 (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).

1	Names of Reporting Persons S.S. or I.R.S. Identification Nos. of Above Persons							
	Oak Investment Partners V, Limited Partnership 06-1332464							
2			priate Box if a Member of	-	ructions)	(a) [(b) []
3	SEC Use Only							
4	Citizenshi	p or	Place of Organization					
_	Delaware							
Sh	mber of ares ne-	(5)	Sole Voting Power	511,187 shares o	f common	stock		
fi		(6)	Shared Voting Power	Not applicable				
Ea Rej	_	(7)	Sole Dispositive Power	511,187 shares o	f common	stock		
Wi	th	(8)	Shared Dispositive Power	Not applicable				
9		Amoun	t Beneficially Owned by Ean					
_	511,187 sha	ares	of common stock					
10		_	gregate Amount in Row (9) (See Instructions)]]
11	Percent of	Clas	s Represented by Amount in	Row 9				
	7.0%							

12 Type of Reporting Person (See Instructions) PN

1	Names of Reporting Persons S.S. or I.R.S. Identification Nos. of Above Persons					
_	Oak Associa 06-1332465	ates	V, Limited Partnership			
2	Check the i	Appro	priate Box if a Member of	a Group (See Instructions	(a) [_] (b) [_]	
3	SEC Use Only					
4	Citizenshi	or or	Place of Organization			
_	Delaware					
		(5)	Sole Voting Power	Not applicable		
Be:	ares ne- cially	(6)	Shared Voting Power	511,187 shares of common	stock	
Ea Rej	porting	(7)	Sole Dispositive Power	Not applicable		
	rson th	(8)	Shared Dispositive Power	511,187 shares of common	stock	
9	Aggregate i	Amoun	t Beneficially Owned by Ea	ch Reporting Person		
_	511,187 sha	ares	of common stock			
10	10 Check if the Aggregate Amount in Row (9) Excludes Certain Shares (See Instructions) [_]					
11	Percent of	Clas	s Represented by Amount in	Row 9		
_	7.0%					
12	Type of Rep	porti	ng Person (See Instruction	s)		
	PN					

PN

	1 Names of Reporting Persons S.S. or I.R.S. Identification Nos. of Above Persons						
Oak V Affi 06-1334685	liate	s Fund, Limited Partnershi	p				
2 Check the Ap	pprop	riate Box if a Member of a	Group (See Instructions) (a) (b)				
3 SEC Use Onl							
4 Citizenship		lace of Organization					
		Sole Voting Power	11,497 shares of common stock				
Shares Bene- ficially	(6)	Shared Voting Power	Not applicable				
Owned by Each Reporting	(7)	Sole Dispositive Power	11,497 shares of common stock				
Person With	(8)	Shared Dispositive Power	Not applicable				
		t Beneficially Owned by Ea					
	_	gregate Amount in Row (9) (See Instructions)	Excludes	[_]			
11 Percent of	Clas	s Represented by Amount in					
0.2%							
12 Type of Rep	porti	ng Person (See Instruction	s)				

1	Names of Reporting Persons S.S. or I.R.S. Identification Nos. of Above Persons						
_	Oak V Affi 06-1334685		s				
2	Check the		priate Box if a Member of	(b)	[_]		
3	SEC Use Only						
4			Place of Organization				
_	Delaware						
	mber of	(5)	Sole Voting Power	Not applicable			
Be fi	ares ne- cially	(6)	Shared Voting Power	11,497 shares of common stock			
Ea Re	ned by ch porting	(7)	Sole Dispositive Power	Not applicable			
	rson th	(8)	Shared Dispositive Power	11,497 shares of common stock			
- 9	Aggregate	 Amoun	t Beneficially Owned by Ea	ch Reporting Person			
	•		f common stock				
10	Check if t	he Ag	gregate Amount in Row (9) (See Instructions)	Excludes	[_]		
11	Percent of	Clas	s Represented by Amount in				
_	0.2%						
12	Type of Re	porti	ng Person (See Instruction	as)			
	PN						

1	Names of Reporting Persons S.S. or I.R.S. Identification Nos. of Above Persons						
	Oak Manager 06-0990851	ment	Corporation				
2	Check the	Appro	priate Box if a Member of	a Group (See Instructions)	(a) (b)	_	
3	SEC Use Only						
4	Citizenshi	p or	Place of Organization				
	mber of ares	(5)	Sole Voting Power	Not applicable			
Be fi	ne- cially ned by	(6)	Shared Voting Power	522,684 shares of common stock			
Ea Re	ch porting	(7)	Sole Dispositive Power	Not applicable			
	rson th	(8)	Shared Dispositive Power	522,684 shares of common stock			
9	Reporting :	Perso	t Beneficially Owned by Ean	ch			
10		_	gregate Amount in Row (9) (See Instructions)	Excludes		[_]	
11	Percent of	Clas	s Represented by Amount in				
- 1 2			ng Parson (Sae Instruction				
12	2 Type of Reporting Person (See Instructions)						

1	Names of Reporting Persons S.S. or I.R.S. Identification Nos. of Above Persons						
Ban	ndel L. Cara	no					
2							
					(a) [_] (b) [_]		
3	SEC Use Onl						
4	_		ce of Organization				
	United Stat	es 					
Numb Shar	er of	(5)	Sole Voting Power	Not applicable			
Bene fici		(6)	Shared Voting Power	522,684 shares of common stock			
Each	1	(7)	Sole Dispositive Power	Not applicable			
Pers With		(8)	Shared Dispositive Power	522,684 shares of common stock			
9	Aggregate Reporting		Beneficially Owned by Each				
	522,684 sh	ares of	common stock				
10			egate Amount in Row (9) Excl ee Instructions)	udes	[_]		
11	Percent of	Class I	Represented by Amount in Row				
	7.0%						
12	Type of Re	porting	Person (See Instructions)				
	IN						

1	Names of Reporting Persons S.S. or I.R.S. Identification Nos. of Above Persons					
	Gerald R. G	allag	her			
2	Check the A	pprop	riate Box if a Member of		cructions) (a) [] (b) []	
3	SEC Use Only					
4	Citizenship	or P	lace of Organization			
	United Stat	es				
	er of	(5)	Sole Voting Power	Not applicable		
Share		(6)	Shared Voting Power	522,684 shares	of common stock	
Owned	d by Each	(7)	Sole Dispositive Power	Not applicable		
-	rting on With	(8)	Shared Dispositive Power	r 522,684 shares	of common stock	
9	Aggregate	Amoun	t Beneficially Owned by	Each Reporting Per	rson	
	522,684	share	s of common stock			
10	O Check if the Aggregate Amount in Row (9) Excludes Certain Shares (See Instructions)					
11	Percent of	Clas	s Represented by Amount	in Row 9		
	7.0%					
12	Type of Reporting Person (See Instructions) IN					

1	Names of Reporting Persons S.S. or I.R.S. Identification Nos. of Above Persons						
	Edward F. Glassmeyer						
2	Check the Appropriate Box if a Member of a Group (See Instructions) (a) [] (b) []						
3	SEC Use Onl	У					
4	Citizenship	or P	lace of Organization				
	United Stat	es					
		(5)	Sole Voting Power	Not applicable			
Share	er of es ficially	(6)	Shared Voting Power	522,684 shares of commo	on stoc	k	
	d by Each rting	(7)	Sole Dispositive Power	Not applicable			
	on With	(8)	Shared Dispositive Power	522,684 shares of commo	on stoc	k	
9	Aggregate	 Amoun	t Beneficially Owned by Ea	ch Reporting Person			
	522,684	share	s of common stock				
10	Check if t Instructio	_	gregate Amount in Row (9)	Excludes Certain Shares	(See []	
11	Percent of	Clas	s Represented by Amount in	Row 9			
	7.0%						
12	Type of Reporting Person (See Instructions) IN						

Names of Reporting Persons S.S. or I.R.S. Identification Nos. of Above Persons Fredric W. Harman 2 Check the Appropriate Box if a Member of a Group (See Instructions) (a) [_] (b) [_] · -----------------3 SEC Use Only . -----4 Citizenship or Place of Organization United States _ -----(5) Sole Voting Power Number of Not applicable Shares (6) Shared Voting Power 522,684 shares of Beneficially common stock Owned by (7) Sole Dispositive Power Not applicable Each Reporting Person (8) Shared Dispositive Power 522,684 shares of With common stock 9 Aggregate Amount Beneficially Owned by Each Reporting Person 522,684 shares of common stock 10 Check if the Aggregate Amount in Row (9) Excludes Certain Shares (See Instructions) [_] -----11 Percent of Class Represented by Amount in Row 9

Type of Reporting Person (See Instructions)

IN

7.0%

Names of Reporting Persons
S.S. or I.R.S. Identification Nos. of Above Persons

Ann	H. Lamont										
2	Check the A	pprop	riate Box if a		-			uctions	(a) (b)	-]
3	3 SEC Use Only										
4	Citizenship	or F	lace of Organi:	zation							
	United Stat	es									
(5) Sole Voting Power Not applicable											
Share		(6)	Shared Voting	Power	522,68	84 sha	ares o	f commo	on st	cock	
Owned	d by Each	(7)	Sole Disposit:	ive Power	Not ap	pplica	able				
_	on With	(8)	Shared Dispos	itive Power	522,68	84 sha	ares o	f commo	on st	cock	
9	Aggregate	 Amoun	t Beneficially	Owned by E	ach Repo	orting	g Perso	 on			
	522,684 sh	ares	of common stoc	k							
10	10 Check if the Aggregate Amount in Row (9) Excludes Certain Shares (See Instructions) []]					
11	Percent of	Clas	s Represented 1	by Amount in	n Row 9						
	7.0%										
12	Type of Re	porti	ng Person (See	Instruction	ns)					-	

1	Names of Reporting Persons S.S. or I.R.S. Identification Nos. of Above Persons						
	Eileen M. M	lore					
2	(a) (b)						
3	SEC Use Onl						
4	Citizenship	or E	Place of Organization				
	United Stat	es					
Numb	er of						
Shar Bene	es	(5)	Sole Voting Power	Not applicable			
fici	ally	(6)	Shared Voting Power	522,684 shares of common	stoc	k	
Each		(7)	Sole Dispositive Power	Not applicable			
Repo Pers With		(8)	Shared Dispositive Power	522,684 shares of common	stoc	k	
 9	 Aggregate	 Amour	t Beneficially Owned by Ea	 uch Reporting Person			
	522,684 sh	ares	of common stock				
10	Instructio	ns)		Excludes Certain Shares (S		[_]	
11			s Represented by Amount in				
	7.0%						
12	Type of Re	porti	ng Person (See Instruction	s)			
IN							

Schedule 13G Common Stock, Par Value \$.0001 CUSIP No. 015351109

Item 1(a) Name of Issuer:

Alexion Pharmaceuticals, Inc.

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

25 Science Park, Suite 360

New Haven, CT 06511

Name of Person filing: Item 2(a)

Oak Investment Partners V, Limited Partnership

Oak Associates V, Limited Partnership

Oak V Affiliates Fund, Limited Partnership

Oak V Affiliates

Oak Management Corporation

Bandel L. Carano

Gerald R. Gallagher Edward F. Glassmeyer

Fredric W. Harman

Ann H. Lamont

Eileen M. More

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

c/o Oak Management Corporation

One Gorham Island

Westport, CT 06880

Item 2(c) Citizenship:

Please refer to Item 4 on each cover sheet for each filing person

Title of Class of Securities:

Common stock, \$.0001 par value

CUSIP Number: 015351109 Item 2(e)

Item 3 Not Applicable.

Item 4 Ownership.

The approximate percentages of shares of Common Stock reported as beneficially owned by the Reporting Entities is based upon 7,339,084 shares outstanding as of December 9, 1996, as reported in the Issuer's Quarterly Report on Form 10-Q for the fiscal quarter

ended September 28, 1996, plus the shares issuable upon exercise of the options described in the following sentence. Amounts shown as beneficially owned include (i) currently exercisable warrants to purchase 76,406 shares of Common Stock and 1,718 shares of Common Stock held by Oak Investment Partners V, Limited Partnership, and Oak V Affiliates Fund, Limited Partnership, respectively, and (ii) currently exercisable options to purchase 26,210 shares of Common Stock and 590 shares of Common Stock which may be deemed to be held by Eileen M. More on behalf of Oak Investment Partners V, Limited Partnership, and Oak V Affiliates Fund, Limited Partnership, respectively.

Please see Items 5, 6, 7, 8, 9 and 11 for each cover sheet for each filing entity.

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

Signature

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

Dated February 13, 1997

Oak Investment Partners V, Limited Partnership

By: Oak Associates V,
Limited Partnership,
As General Partner

By: /s/ Edward F. Glassmeyer
General Partner

Oak Associates V, Limited Partnership

By: /s/ Edward F. Glassmeyer
General Partner

Oak V Affiliates Fund, Limited Partnership

By: Oak V Affiliates, As General Partner

By: /s/ Edward F. Glassmeyer
General Partner

Oak V Affiliates

By: /s/ Edward F. Glassmeyer
General Partner

OAK MANAGEMENT CORPORATION

By:	/s/ Edward F. Glassmeyer
	Name: Edward F. Glassmeyer Title: President
	/s/ Bandel L. Carano
	Bandel L. Carano
	/s/ Fredric W. Harman
	Fredric W. Harman
	/s/ Gerald R. Gallagher
	Gerald R. Gallagher
	/s/ Edward F. Glassmeyer
	Edward F. Glassmeyer
	/s/ Ann H. Lamont
	Ann H. Lamont
	/s/ Eileen M. More
	Eileen M. More

INDEX TO EXHIBITS

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EXHIBIT A Agreement of Reporting Persons 18

Exhibit A

Each of the undersigned hereby agrees that the Schedule 13G filed on the date hereof with respect to the shares of Common Stock of Alexion Pharmaceuticals, Inc. has been filed on behalf of the undersigned.

Signature:

- -----

Dated February 13, 1997

Oak Investment Partners V, Limited Partnership

By: Oak Associates V,
Limited Partnership,
As General Partner

By: /s/ Edward F. Glassmeyer
General Partner

Oak Associates V, Limited Partnership

By: /s/ Edward F. Glassmeyer
General Partner

Oak V Affiliates Fund, Limited Partnership

By: Oak V Affiliates,
As General Partner

By: /s/ Edward F. Glassmeyer
General Partner

Oak V Affiliates

By: /s/ Edward F. Glassmeyer
General Partner

OAK MANAGEMENT CORPORATION

ву:	/s/ Edward F. Glassmeyer
	Name: Edward F. Glassmeyer Title: President
	/s/ Bandel L. Carano
	Bandel L. Carano
	/s/ Fredric W. Harman
	Fredric W. Harman
	/s/ Gerald R. Gallagher
	Gerald R. Gallagher
	/s/ Edward F. Glassmeyer
	Edward F. Glassmeyer
	/s/ Ann H. Lamont
	Ann H. Lamont
	/s/ Eileen M. More
	Eileen M. More