Altus Pharmaceuticals Inc. Form SC 13G May 18, 2007

UNITED STATES
SECURITIES AND EXCHANGE COMMISSION
Washington, D.C. 20549

SCHEDULE 13G

Under the Securities Exchange Act of 1934

(Amendment No. ___) *

Altus Pharmaceuticals, Inc.
(Name of Issuer)

Common Stock, par value \$0.01 Par Value
----(Title of Class of Securities)

02216N105 -----(CUSIP Number)

February 14, 2007

(Date of Event Which Requires Filing of this Statement)

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

[] Rule 13d-1(b)

[] Rule 13d-1(c)

[X] Rule 13d-1(d)

*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 on 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. 02216N105 13G Page 2 of 12 Pages

NAME OF REPORTING PERSON I.R.S. IDENTIFICATION NO. OF ABOVE PERSON (ENTITIES ONLY)

	Warburg P	incus P	rivate Equity VIII, L.P.	I.R.S. #13-4161869				
2	CHECK THE	APPROP	RIATE BOX IF A MEMBER OF	A GROUP* (a) [] (b) [X]				
3	SEC USE O	NLY						
 4	 CITIZENSH	IP OR P	LACE OF ORGANIZATION					
	Delaware							
		5	SOLE VOTING POWER					
			0					
NUMBER OF		6	SHARED VOTING POWER					
SHAF BENEFIC	RES CIALLY		4,307,163					
OWNEI EAC	D BY CH	7	SOLE DISPOSITIVE POWER					
	RTING SON		0					
WIT	ГН:	8	SHARED DISPOSITIVE POWER					
			4,307,163					
 Э	AGGREGATE	AMOUNT	BENEFICIALLY OWNED BY EA					
	4,307,163							
 10	CHECK BOX	IF THE	AGGREGATE AMOUNT IN ROW	(9) EXCLUDES CERTAIN SHARES				
	N/A							
 11	PERCENT O	PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW 9						
	13.8%							
 12	TYPE OF R	 EPORTIN	G PERSON*					
	PN							
		 *SEE	INSTRUCTION BEFORE FILLIN	G OUT!				
	02216N105		13G	Page 3 of 12 Pages				
 1	NAME OF R		G PERSON ATION NO. OF ABOVE PERSON	(ENTITIES ONLY)				
	Warburg P	incus &	Co.	I.R.S. #13-6358475				
 2	CHECK THE APPROPRIATE BOX IF A MEMBER OF A GROUP*			A GROUP*				

				(a) [] (b) [X]			
3	SEC USE O	NLY					
 4	CITIZENSH	ENSHIP OR PLACE OF ORGANIZATION					
	New York						
		5	SOLE VOTING POWER				
			0				
NUMBER OF		6	SHARED VOTING POWER				
SHAR BENEFIC			4,307,163				
OWNED EAC		 7	SOLE DISPOSITIVE POWER				
REPOR' PERS			0				
WIT	н:	 8	SHARED DISPOSITIVE POWER				
			4,307,163				
9	AGGREGATE	AMOUNT	BENEFICIALLY OWNED BY EACH R	EPORTING PERSON			
	4,307,163						
10	CHECK BOX	IF THE	AGGREGATE AMOUNT IN ROW (9)	EXCLUDES CERTAIN SHARE			
	N/A 						
11	PERCENT O	F CLASS	REPRESENTED BY AMOUNT IN ROW	9			
	13.8%						
12	TYPE OF R	EPORTING	G PERSON*				
	PN	1					
		*SEE	INSTRUCTION BEFORE FILLING OU	T!			
CUSIP No.			13G	Page 4 of 12 Pag			
 1	NAME OF R.		G PERSON ATION NO. OF ABOVE PERSON (EN	TITIES ONLY)			
	Warburg P	incus L	LC	I.R.S. #13-3536050			

3	SEC USE	SEC USE ONLY CITIZENSHIP OR PLACE OF ORGANIZATION New York				
4						
		5	SOLE VOTING POWER			
S	NUMBER OF SHARES BENEFICIALLY		SHARED VOTING POWER 4,307,163			
RE	OWNED BY EACH REPORTING PERSON	 7	SOLE DISPOSITIVE POWER 0			
	WITH:		SHARED DISPOSITIVE POWER 4,307,163			
9	AGGREGAT 4,307,16		BENEFICIALLY OWNED BY EACH REPO	ORTING PERSON		
10	CHECK BO	X IF THE	AGGREGATE AMOUNT IN ROW (9) EXC	CLUDES CERTAIN SHARES*		
11	PERCENT	PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW 9				
12	TYPE OF REPORTING PERSON*					
		*SEE]	INSTRUCTION BEFORE FILLING OUT!			
CUSIP N	No. 02216N10	5 -	13G	Page 5 of 12 Pages		
1		DENTIFICA	ATION NO. OF ABOVE PERSON (ENTII			
2			artners LLC RIATE BOX IF A MEMBER OF A GROUP	I.R.S. #13-4069737 (a) [] (b) [X]		
3	SEC USE	ONLY				

	New York						
		5	SOLE VOTING POWER				
			0				
NUMBER OF		6	SHARED VOTING POWER				
SHAF BENEFIC	CIALLY		4,307,163				
OWNEI EAC		7	SOLE DISPOSITIVE POWER				
REPOF PERS	RTING SON		0				
VII	TH:	 8	SHARED DISPOSITIVE POWER				
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			4,307,163				
9	AGGREGATE	AMOUNT	BENEFICIALLY OWNED BY EACH REPORT	ING PE	RSON		
	4,307,163						
10	CHECK BOX	IF THE	AGGREGATE AMOUNT IN ROW (9) EXCLU	DES CE	RTAIN	SHA	ARES
	N/A						
 11	PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW 9						
	13.8%						
 12	TYPE OF REPORTING PERSON*						
	00						
		* < 5 5 5	INSTRUCTION BEFORE FILLING OUT!				
		, dit	INSTRUCTION BEFORE FIBLING OUT:				
 CUSIP No.	02216N105		13G	 Page		 12 E	
	NAME OF D		2 DEDGON				
1	NAME OF REPORTING PERSON I.R.S. IDENTIFICATION NO. OF ABOVE PERSON (ENTITIES ONLY)						
	Charles R	. Kaye	I	.R.S.	#		
 2	CHECK THE APPROPRIATE BOX IF A MEMBER OF A GROUP*						
) [) [}	
 3						, L ²	
	SEC USE O	.v T T					
 4	CITIZENSH	IP OR P	LACE OF ORGANIZATION				

New York

NUMBER OF SHARES BENEFICIALLY		5	SOLE VOTING POWER			
			0			
		6	SHARED VOTING POWER			
			4,307,163			
OWNEI EAG		7	SOLE DISPOSITIVE POWER			
REPOI PERS	RTING SON		0			
WIT	ΓH:	8	SHARED DISPOSITIVE POWER			
			4,307,163			
9	AGGREGATE	AMOUNT	BENEFICIALLY OWNED BY EACH REPORTING P	ERSON		
	4,307,163					
10	CHECK BOX	IF THE	AGGREGATE AMOUNT IN ROW (9) EXCLUDES C	ERTAIN SHARES*		
	N/A					
11	PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW 9					
	13.8%					
12	TYPE OF REPORTING PERSON*					
		*SEE	INSTRUCTION BEFORE FILLING OUT!			
CUSIP No. 02216N10			 13G Page	7 of 12 Dagge		
	022100103			7 of 12 Pages		
1	NAME OF RI		G PERSON ATION NO. OF ABOVE PERSON (ENTITIES ONL	Y)		
	Joseph P.	Landy	I.R.S.	#		
2	CHECK THE	APPROP	RIATE BOX IF A MEMBER OF A GROUP*			
				(a) [] (b) [X]		
3	SEC USE OI					
4	CITIZENSH	IP OR P	LACE OF ORGANIZATION			
	New York					
		5	SOLE VOTING POWER			

			0		
NUMBER OF SHARES BENEFICIALLY OWNED BY EACH REPORTING PERSON WITH:		6	SHARED VOTING POWER		
			4,307,163		
		7	SOLE DISPOSITIVE POWER		
			0		
		8	SHARED DISPOSITIVE POWER		
			4,307,163		
9	AGGREGATE	AMOUNT	BENEFICIALLY OWNED BY EACH REPORTING PERSON		
4,307,163					
10	CHECK BOX	IF THE	AGGREGATE AMOUNT IN ROW (9) EXCLUDES CERTAIN SHARES*		
	N/A				
11	PERCENT OF	F CLASS	REPRESENTED BY AMOUNT IN ROW 9		
	13.8%				
12	12 TYPE OF REPORTING PERSON*		G PERSON*		
IN					
*SEE INSTRUCTION BEFORE FILLING OUT!					

Item 1(a): Name of Issuer:

Altus Pharmaceuticals, Inc. (the "Company")

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

125 Sidney Street

Cambridge, Massachusetts 02139

Item 2(a): Name of Person Filing:

This Schedule 13G is filed by Warburg Pincus Private Equity VIII, L.P. and two affiliated entities (collectively, "WP VIII"). The sole general partner of WP VIII is Warburg Pincus Partners LLC ("WPP LLC"). WPP LLC is a direct subsidiary of Warburg Pincus & Co. ("WP"). Warburg Pincus LLC ("WP LLC"), manages WP VIII. Charles R. Kaye ("Mr. Kaye") and Joseph P. Landy ("Mr. Landy") are each Managing General Partners of WP and Co-Presidents and Managing Members of WP LLC. Each of WP, WPP LLC, WP LLC, Mr. Kaye and Mr. Landy disclaim beneficial ownership of the Common Stock except to the extent of any indirect pecuniary interest therein. Mr. Kaye and Mr. Landy may be deemed to control WP VIII, WPP LLC, WP and WP LLC. WP VIII, WPP LLC, WP, WP LLC, Mr. Kaye and Mr. Landy are sometimes collectively referred to herein as the "Warburg Pincus Reporting Persons."

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

The address of the principal business office of the Warburg Pincus Reporting Persons is c/o Warburg Pincus & Co., 466 Lexington Avenue, New York, New York 10017.

Item 2(c): Citizenship:

WP VIII is a Delaware limited partnership, WPP LLC is a New York limited liability company, WP is a New York general partnership and WP LLC is a New York limited liability company.

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

Common Stock, par value \$0.01 per share ("Common Stock")

Item 2(e): CUSIP Number

02216N105

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 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),

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- 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).

Item 4: Ownership:

The information required by Items 4(a) - (c) is set forth in Rows 4 - 11 of the cover page hereto for each Warburg Pincus Reporting Person and is incorporated herein by reference for each such Warburg Pincus Reporting Person.

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

If this statement is being filed to report the fact that as of the date hereof the reporting person has ceased to be the beneficial owner of more than five percent of the class of securities, check the following: []

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

Other than as set forth herein, no other person has the right to receive or the power to direct the receipt of dividends from, or proceeds from the sale of, in excess of 5% of the total outstanding Common Stock.

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

N/A

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

The Warburg Pincus Reporting Persons are making this single, joint filing because they may be deemed to constitute a "group" within the meaning of Section 13(d)(3) of the Securities Exchange Act of 1934, as amended. The agreement among the Warburg Pincus Reporting Persons to file jointly is attached hereto as Exhibit 99.1. Each of the Warburg Pincus Reporting Persons disclaims beneficial ownership of all of the shares of Common Stock, other than those reported herein as being owned by it.

Item 9: Notice of Dissolution of Group:

N/A

Item 10: Certification:

N/A

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SIGNATURES

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.

Dated: May 18, 2007 WARBURG PINCUS PRIVATE EQUITY VIII, L.P.

By: Warburg Pincus Partners LLC, its General Partner

By: Warburg Pincus & Co.,
 its Managing Member

By: /s/ Scott A. Arenare

Name: Scott A. Arenare

Title: Partner

Dated: May 18, 2007 WARBURG PINCUS PARTNERS LLC

By: Warburg Pincus & Co., its Managing Member

By: /s/ Scott A. Arenare

Name: Scott A. Arenare

Title: Partner

Dated: May 18, 2007 WARBURG PINCUS & CO.

By: /s/ Scott A. Arenare

Name: Scott A. Arenare

Title: Partner

Dated: May 18, 2007 WARBURG PINCUS LLC

By: /s/ Scott A. Arenare

Name: Scott A. Arenare Title: Managing Director

Dated: May 18, 2007

/s/ Scott A. Arenare

Charles R. Kaye
By: Scott A. Arenare
as Attorney-in-Fact

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Dated: May 18, 2007

/s/ Scott A. Arenare

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EXHIBIT INDEX

Exhibit 99.1:

Joint Filing Agreement, dated May 18, 2007, by and among the Warburg Pincus Reporting Persons.