ACADIA PHARMACEUTICALS INC Form SC 13G/A February 10, 2006

SECURITIES AND 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 RULE 13d-2(b)
(Amendment No. 2)*

Acadia Pharmaceuticals Inc.

(Name of Issuer)

COMMON STOCK

(Title of Class of Securities)

004225108 -----(CUSIP Number)

December 31, 2005

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)
- [x] Rule 13d-1(c)
- [] 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 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).

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2 CHECK THE APPROPRIATE BOX IF A MEMBER OF A GROUP (See Instructions) (a) [X] (b) [] 3 SEC USE ONLY 4 CITIZENSHIP OR PLACE OF ORGANIZATION Delaware 5 SOLE VOTING POWER NUMBER OF SHARES 0 BENEFICIALLY OWNED BY EACH 6 SHARED VOTING POWER
(a) [X] (b) [] 3 SEC USE ONLY 4 CITIZENSHIP OR PLACE OF ORGANIZATION Delaware 5 SOLE VOTING POWER NUMBER OF SHARES 0 BENEFICIALLY OWNED BY EACH 6 SHARED VOTING POWER
4 CITIZENSHIP OR PLACE OF ORGANIZATION Delaware 5 SOLE VOTING POWER NUMBER OF SHARES 0 BENEFICIALLY OWNED BY EACH 6 SHARED VOTING POWER
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5 SOLE VOTING POWER NUMBER OF SHARES 0 BENEFICIALLY
NUMBER OF SHARES 0 BENEFICIALLY
SHARES 0 BENEFICIALLY
OWNED BY EACH 6 SHARED VOTING POWER
THE OTTERNO
PERSON 268,075 WITH
7 SOLE DISPOSITIVE POWER
0
8 SHARED DISPOSITIVE POWER
268,075
9 AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON
268,075
10 CHECK BOX IF THE AGGREGATE AMOUNT IN ROW (9) EXCLUDES CERTAIN SHARES (See Instructions)
11 PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW (9)
1.1%

12	TYPE OF REPORTING PERSON (See Instructions)								
	PN								
CUSIP	No. 0042	2510)8	13G	Page 3 of 11 Page				
1	NAME OF R	EPOF	RTING PERSON						
	Biotechnology Value Fund II, L.P.								
	I.R.S. IDENTIFICATION NO. OF ABOVE PERSONS (entities only)								
2	CHECK THE	APF	PROPRIATE BOX IF	A MEMBER OF A GR	OUP (See Instruction	ns) (a) [X] (b) []			
3	SEC USE O	NLY							
4		IP C	OR PLACE OF ORGAN	NIZATION					
	Delaware 								
NILI	MBER OF	5	SOLE VOTING POW	IER					
S	HARES		0						
OW	BENEFICIALLY OWNED BY EACH		SHARED VOTING P	POWER					
REPORTING PERSON WITH			158,500						
		7	SOLE DISPOSITIV	7E POWER					
			0						
		8	SHARED DISPOSIT	CIVE POWER					
			158,500						
9	AGGREGATF.	AMC	OUNT BENEFICIALLY	Y OWNED BY EACH R	EPORTING PERSON				
-	158,				2 =				

10	CHECK BOX		THE AGGREGATE AMOUNT IN ROW (9) F	EXCLUDES CERTAIN SHARES	(See []		
11	PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW (9)						
12	TYPE OF REPORTING PERSON (See Instructions) PN						
CUSIP	No. 0042	2510	 8 13G	Page 4 of 11 Pages			
1 2	NAME OF REPORTING PERSON BVF Investments, L.L.C. I.R.S. IDENTIFICATION NO. OF ABOVE PERSONS (entities only) CHECK THE APPROPRIATE BOX IF A MEMBER OF A GROUP (See Instructions) (a) [X] (b) []						
3	SEC USE O						
4	CITIZENSHIP OR PLACE OF ORGANIZATION Delaware						
NUMBER OF SHARES BENEFICIALLY OWNED BY EACH REPORTING PERSON WITH		6	SOLE VOTING POWER 0 SHARED VOTING POWER 465,000 SOLE DISPOSITIVE POWER 0				

8 SHARED DISPOSITIVE POWER

	465,000	
9	AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON 465,000	
10	CHECK BOX IF THE AGGREGATE AMOUNT IN ROW (9) EXCLUDES CERTAIN SHARES Instructions)	(See
11	PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW (9) 1.9%	
12	TYPE OF REPORTING PERSON (See Instructions) 00	
CUSIP	No. 004225108 13G Page 5 of 11 Pages	
1	NAME OF REPORTING PERSON Investment 10, LLC I.R.S. IDENTIFICATION NO. OF ABOVE PERSONS (entities only)	
2		i) [X]
3	SEC USE ONLY	
4	CITIZENSHIP OR PLACE OF ORGANIZATION Illinois	
	5 SOLE VOTING POWER	

NUMBER OF

SHARES BENEFICIALLY OWNED BY EACH REPORTING PERSON WITH			0							
		6 SHARED VOTING POWER 51,800								
·	VIII	7	SOLE DISPOS		OWER					
		8	SHARED DISPO	OSITIVE	POWER					
9	AGGREGATE 51,800		UNT BENEFICIA	ALLY OWN	NED BY EAC	H REPC	PRTING PE	CRSON		
10	CHECK BOX IF THE AGGREGATE AMOUNT IN ROW (9) EXCLUDES CERTAIN SHARES (See Instructions)									
11	PERCENT OF	CL	ASS REPRESEN	TED BY A	AMOUNT IN	 ROW (9))			
12	TYPE OF RE	POR	TING PERSON	(See Ins	structions)				
CUSIP	No. 00422	510	 8 	-	13G			 f 11 Pag		
1	BVF Partne	rs	TING PERSON L.P. FICATION NO.	OF ABO	VE PERSONS	(enti	ties onl	-у)		
2	CHECK THE		ROPRIATE BOX			GROUP	' (See Ir	structic	ns) (a) (b)	[X]

3	SEC USE (ONLY					
4	CITIZENSI	HIP OR PLACE OF O	RGANIZATION				
NUMBER OF SHARES BENEFICIALLY OWNED BY EACH REPORTING PERSON		5 SOLE VOTING POWER 0 6 SHARED VOTING POWER 943,375					
V	VITH	7 SOLE DISPOSITIVE POWER 0					
		8 SHARED DISPOSITIVE POWER 943,375					
9	AGGREGATI		ALLY OWNED BY EACH REE	PORTING PERSON			
10	CHECK BOX IF THE AGGREGATE AMOUNT IN ROW (9) EXCLUDES CERTAIN SHARES (See Instructions)						
11	PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW (9) 3.9%						
12	TYPE OF REPORTING PERSON (See Instructions) PN						
CUSIP	No. 0042	 225108	- 13G -	Page 7 of 11 Pages			

1	NAME OF RE	PORTING PERSON					
	BVF Inc.						
	I.R.S. IDE	NTIFICATION NO. OF ABOVE PERSONS (entities o	nly)				
2	CHECK THE	APPROPRIATE BOX IF A MEMBER OF A GROUP (See	(a)	[X]			
3	SEC USE ONLY						
4	CITIZENSHI Delaware	P OR PLACE OF ORGANIZATION					
NUMBER OF SHARES BENEFICIALLY OWNED BY EACH REPORTING PERSON WITH		5 SOLE VOTING POWER 0					
		6 SHARED VOTING POWER 943,375					
		7 SOLE DISPOSITIVE POWER 0					
		8 SHARED DISPOSITIVE POWER 943,375					
9	AGGREGATE 943,37	AMOUNT BENEFICIALLY OWNED BY EACH REPORTING					
10	CHECK BOX Instructio	IF THE AGGREGATE AMOUNT IN ROW (9) EXCLUDES	CERTAIN SHARES	(See			
11	PERCENT OF	CLASS REPRESENTED BY AMOUNT IN ROW (9)					

12 TYPE OF REPORTING PERSON (See Instructions) IA, CO _____ _____ CUSIP No. 004225108 13G Page 8 of 11 Pages Item 1(a). Name of Issuer: Acadia Pharmaceuticals Inc. ("Acadia") Item 1(b). Address of Issuer's Principal Executive Offices: 3911 Sorrento Valley Blvd. San Diego, CA 92121 Item 2(a). Names of Person Filing This Amendment No. 2 to to Schedule 13G is being filed on behalf of the following persons (the "Reporting Persons"): Biotechnology Value Fund, L.P. ("BVF") (i) Biotechnology Value Fund II, L.P. ("BVF2") (iii) BVF Investments, L.L.C. ("Investments") Investment 10, L.L.C. ("ILL10") (iv) BVF Partners L.P. ("Partners") (V) (vi) BVF Inc. ("BVF Inc.") Item 2(b). Address of Principal Business Office or, if none, Residence: The principal business office of the Reporting Persons comprising the group filing this Amendment No. 2 to Schedule 13G is located at 900 North Michigan Avenue, Suite 1100, Chicago, Illinois, 60611. Item 2(c). Citizenship or Place of Organization: BVF: a Delaware limited partnership BVF:

a Delaware limited partnersnip

BVF2:

a Delaware limited partnership

Investments:

a Delaware limited liability company

ILL10:

an Illinois limited liability company

Partners:

a Delaware limited partnership

BVF Inc.:

a Delaware corporation

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

This Amendment No. 2 to Schedule 13G is being filed with respect to the common stock, par value \$0.0001 per share (the "Common Stock"), of Acadia. The Reporting Persons' percentage ownership of Common Stock is based on 24,332,785 shares of Common Stock being outstanding as of January 16, 2005, as reported on Acadia's Registration Statement on Form S-3 filed with the Securities and Exchange Commission on January 18, 2006.

As of December 31, 2005, (i) BVF beneficially owned 268,075 shares of Common Stock; (ii) BVF2 beneficially owned 158,500 shares of Common Stock; (iii) Investments beneficially owned 465,000 shares of Common Stock; and (iv) ILL10 beneficially owned 51,800 shares of Common Stock . Beneficial ownership by Partners and BVF Inc. includes 943,375 shares of Common Stock.

Item 2(e). CUSIP Number:

004225108

Item 3. If this Statement is Filed Pursuant to Rule 13d-1(B), or 13d-2(B) or (C) Check Whether the Person Filing is: One of the Following

Not applicable as this Amendment No. 2 to Schedule 13G is filed pursuant to Rule 13d-1(c).

Item 4. Ownership

The information in items 1 and 5 through 11 on the cover pages (pp. 2-7) on this Amendment No. 2 to Schedule 13G is hereby incorporated by reference.

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

If this statement is being filed to report the fact that as of the date hereof the Reporting Persons have ceased to be the beneficial owner of more than five percent of the class of securities check the following. /x/

Item 6. Ownership of More than 5 Percent on Behalf of Another Person

Pursuant to the operating agreement of Investments, Partners is authorized, among other things, to invest funds of Ziff Asset Management, L.P., the majority member of Investments, in shares of Common Stock described herein and to vote and exercise dispositive power over those securities. Partners and BVF Inc. share voting and dispositive power over the shares of Common Stock beneficially owned by BVF, BVF2, Investments and those owned by ILL10, on whose behalf Partners acts as investment manager and, accordingly, Partners and BVF Inc. have beneficial ownership of all of the shares of Common Stock held by such parties.

Item 7. Identification and Classification of the Subsidiary Which Acquired the Securities 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.

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Item 10. 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.

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.

Dated: February 10, 2006

BIOTECHNOLOGY VALUE FUND, L.P.

By: BVF Partners L.P., its general partner

By: BVF Inc., its general partner

By: /s/ MARK N. LAMPERT

Mark N. Lampert President

BIOTECHNOLOGY VALUE FUND II, L.P.

By: BVF Partners L.P., its general partner

By: BVF Inc., its general partner

By: /s/ MARK N. LAMPERT

Mark N. Lampert President

BVF INVESTMENTS, L.L.C.

By: BVF Partners L.P., its manager

By: BVF Inc., its general partner

By: /s/ MARK N. LAMPERT

Mark N. Lampert President

INVESTMENT 10, L.L.C.

By: BVF Partners L.P., its attorney-in-fact

By: BVF Inc., its general partner

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By: /s/ MARK N. LAMPERT

Mark N. Lampert President

BVF PARTNERS L.P.

By: BVF Inc., its general partner

By: /s/ MARK N. LAMPERT

Mark N. Lampert President

BVF INC.

By: /s/ MARK N. LAMPERT

._____

Mark N. Lampert President