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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	Edga	ar Filing: ACADIA PHARMACEUTICALS INC - Form SC 13G/A					
1	NAME OF RE	PORTING PERSON					
	Biotechnology Value Fund, L.P.						
	I.R.S. IDE	ENTIFICATION NO. OF ABOVE PERSONS (entities only)					
2		APPROPRIATE BOX IF A MEMBER OF A GROUP (See Instructions) (a) [2 (b) [X]]				
3	SEC USE ON						
4	CITIZENSHI	P OR PLACE OF ORGANIZATION					
	Delaware						
NUMBER OF SHARES BENEFICIALLY - OWNED BY EACH REPORTING PERSON WITH		5 SOLE VOTING POWER 0					
		6 SHARED VOTING POWER 268,075					
		7 SOLE DISPOSITIVE POWER 0					
		8 SHARED DISPOSITIVE POWER 268,075					
9	AGGREGATE 268,075	AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON					
10	CHECK BOX Instructic	IF THE AGGREGATE AMOUNT IN ROW (9) EXCLUDES CERTAIN SHARES (See ons)					
11	PERCENT OF	CLASS REPRESENTED BY AMOUNT IN ROW (9)					

2

	Edga	ar ⊢	iling: ACADIA PHAF	RMACEUTICAL	-S INC - Form SC 13G/A	L .
12	TYPE OF RI	EPOR	TING PERSON (See]	Instructions)		
	PN					
CUSIP	No. 00422		8	13G	Page 3 of 11 Pages	
1	NAME OF RI	EPOR	TING PERSON			
	Biotechno	loav	Value Fund II, L.	.P.		
			FICATION NO. OF A		entities only)	
					,	
2	CHECK THE	APP	ROPRIATE BOX IF A	MEMBER OF A G	ROUP (See Instructions	;) (a) [X] (b) []
	SEC USE ON		PLACE OF ORGANIZ	ZATION		
1	Delaware					
NU	MBER OF	5	SOLE VOTING POWER	R		
S						
OW	NED BY EACH PORTING	6	SHARED VOTING POW			
P	ERSON WITH		158,500			
		7	SOLE DISPOSITIVE	POWER		
			0			
		8	SHARED DISPOSITIN	JE POWER		
			158,500			
9	AGGREGATE		OUNT BENEFICIALLY (DWNED BY EACH	REPORTING PERSON	

	Lug	uiii					
10	CHECK BOX Instructi		THE AGGREGATE AMO	DUNT IN ROW (9)	EXCLUDES CERTAIN	SHARES	(See
11	PERCENT O	F CL	ASS REPRESENTED B	BY AMOUNT IN ROW	(9)		
	0.7%						
12	TYPE OF R	EPOR	TING PERSON (See	Instructions)			
	PN						
CUSIP	No. 0042	2510 	8 	13G	Page 4 of 11 P 		
1	NAME OF R	EPOR	TING PERSON				
	BVF Inves	tmen	ts, L.L.C.				
	I.R.S. ID	ENTI	FICATION NO. OF A	ABOVE PERSONS (e	ntities only)		
2	CHECK THE	APP	ROPRIATE BOX IF A	A MEMBER OF A GR	OUP (See Instruct	ions) (a)	[X]
						(b)	[]
3	SEC USE O	NT.Y					
0	520 002 0						
4	CITIZENSH	IP O	R PLACE OF ORGANI	IZATION			
	Delaware						
		5	SOLE VOTING POWE	ER			
	MBER OF HARES		0				
	FICIALLY NED BY						
		6	SHARED VOTING PO	OWER			
	PORTING ERSON		465,000				
	WITH						
		7	SOLE DISPOSITIVE	E POWER			
			0				
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 (See Instructions)
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	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 Illinois
NUI	5 SOLE VOTING POWER MBER OF

SHARES BENEFICIALLY OWNED BY EACH REPORTING PERSON WITH		0 6 SHARED VOTING POWER 51,800				
		7 SOLE DISPOSITIVE POWER 0				
		8 SHARED DISPOSITIVE POWER				
		51,800				
9	AGGREGATE 51,800	AMOUNT BENEFICIALLY OWNED BY EACH REPORTING 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) 0.2%					
12	TYPE OF REPORTING PERSON (See Instructions) OO					
CUSIP	No. 00422	 5108 13G Page 6 of 11 Pages 				
1	BVF Partne	PORTING PERSON rs L.P. NTIFICATION NO. OF ABOVE PERSONS (entities only)				
2	CHECK THE		<]			

3	SEC USE C)NLY					
4	CITIZENSH	IIP C	R PLACE OF C	DRGANIZAT	ION		
NUMBER OF SHARES BENEFICIALLY		5	SOLE VOTING	G POWER			
OWNED BY			SHARED VOTING POWER 943,375				
		7	SOLE DISPOS	SITIVE PO	VER		
		8	SHARED DISE 943,375	POSITIVE 1	?OWER		
9	AGGREGATE 943,3		UNT BENEFICI	TALLY OWN	ED BY EACH RE	PORTING PERSON	
10	CHECK BOX IF THE AGGREGATE AMOUNT IN ROW (9) EXCLUDES CERTAIN SHARES (See Instructions)						
	PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW (9) 3.9%						
	TYPE OF F PN	EPOR	TING PERSON	(See Inst	cructions)		·
	No. 0042	2510	8		13G	 Page 7 of 11 Pages	·

1	NAME OF REPORTING PERSON						
	BVF Inc.						
	I.R.S. IDE	ENTI	FICATION NO. OF ABOVE PERSONS (entities only)				
2	CHECK THE APPROPRIATE BOX IF A MEMBER OF A GROUP (See Instructions) (a) [X] (b) []						
3	SEC USE ON	JLY					
4		EP O	R PLACE OF ORGANIZATION				
	Delaware						
NUMBER OF		5	SOLE VOTING POWER				
BENE	HARES FICIALLY NED BY						
	EACH	6 SHARED VOTING POWER					
P	PORTING ERSON WITH		943, 375				
	** + + + + + + + + + + + + + + + + + +	7	SOLE DISPOSITIVE POWER				
			0				
		8	SHARED DISPOSITIVE POWER				
			943, 375				
9	AGGREGATE 943,37		UNT BENEFICIALLY OWNED BY EACH REPORTING PERSON				
10	CHECK BOX Instructic		THE AGGREGATE AMOUNT IN ROW (9) EXCLUDES CERTAIN SHARES (See				
11	1 PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW (9)						
	3.9%						

		Edgar Filing: ACADIA P	PHARMACEUTICALS	INC - Form SC 13G/A
12	TYPE	OF REPORTING PERSON (S	Gee Instructions)	
	IA, C	0		
CUSI		004225108	13G	Page 8 of 11 Pages
Item	1(a).	Name of Issuer:		
	Acadia	Pharmaceuticals Inc.	("Acadia")	
Item	1(b).	Address of Issuer's Pr	incipal Executive C	Offices:
		Gorrento Valley Blvd. .ego, CA 92121		
Item	2(a).	Names of Person Filing	1	
foll		Amendment No. 2 to to persons (the "Reporting		being filed on behalf of the
	(i)	Biotechnology Value	Fund, L.P. ("BVF")	
	(ii)	Biotechnology Value	Fund II, L.P. ("BVF	72")
	(iii)	BVF Investments, L.L	.C. ("Investments")	
	(iv)	Investment 10, L.L.C	C. ("ILL10")	
	(v)	BVF Partners L.P. ("	'Partners")	
	(vi)	BVF Inc. ("BVF Inc."	')	
Item	2(b).	Address of Principal B	Business Office or,	if none, Residence:
	ng this		Schedule 13G is lo	Persons comprising the group ocated at 900 North Michigan
Item	2(c).	Citizenship or Place c	of Organization:	
	BVF:	a Delaware	e limited partnershi	р

BAF:	a Delaware limited partnership
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

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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-----Mark N. Lampert President