NEUROCRINE BIOSCIENCES INC Form SC 13G/A December 04, 2008

SECURITIES AND EXCHANGE COMMISSION Washington, DC 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 13d-2(b) (Amendment No. 2)

Neurocrine Biosciences, Inc.

(Name of Issuer)

Common Stock

(Title of Class of Securities)

64125C109

(CUSIP Number)

December 1, 2008

(Date of Event Which Requires Filing of this Statement)

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

o Rule 13d-1(b)

- x Rule 13d-1(c)
- o 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 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 64125		1	3G	Page 2 of 10 Pages
1	NAME OF REPORTION Biotechnology Value I.R.S. IDENTIFICATION	Fund, L.P.	PERSONS (ENTITIES ONLY):	
2	CHECK THE APPRO	PRIATE BOX IF A ME	MBER OF A GROUP*	(a) x (b) o
3	SEC USE ONLY			
4	CITIZENSHIP OR PL Delaware	ACE OF ORGANIZAT	ION	
	JMBER OF SHARES	5	SOLE VOTING POWER 0	
BENEFICIALLY OWNED BY		6	SHARED VOTING POWE 1,423,447	R
EACH REPORTING PERSON		7	SOLE DISPOSITIVE POW 0	ER
	WITH:	8	SHARED DISPOSITIVE PO 1,423,447	OWER
9	AGGREGATE AM REPORTING PERS 1,423,447	OUNT BENEFICIALL SON	Y OWNED BY EACH	
10	CHECK IF THE ACE EXCLUDES CERT	GGREGATE AMOUNT AIN SHARES*	IN ROW (9)	o

PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW (9)

11

12

3.69%

PN

TYPE OF REPORTING PERSON*

4

CUSIP No.	13G	Page 3 of 10 Pages
64125C109		

1 NAME OF REPORTING PERSON:

Biotechnology Value Fund II, L.P.

I.R.S. IDENTIFICATION NOS. OF ABOVE PERSONS (ENTITIES ONLY):

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

(a)x

(b) o

- 3 SEC USE ONLY
- 4 CITIZENSHIP OR PLACE OF ORGANIZATION Delaware

	5	SOLE VOTING POWER
NUMBER OF		0
SHARES		
BENEFICIALLY	6	SHARED VOTING POWER
OWNED		977,000
BY		
EACH	7	SOLE DISPOSITIVE POWER
REPORTING		0
PERSON		
WITH:	8	SHARED DISPOSITIVE POWER
		977,000

- 9 AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON 977,000
- 10 CHECK IF THE AGGREGATE AMOUNT IN ROW (9) EXCLUDES CERTAIN SHARES*

.

- 11 PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW (9) 2.53%
- 12 TYPE OF REPORTING PERSON* PN

CUSIP 64125C		13	SG Pa	age 4 of 10 Pages
1	NAME OF REPORT BVF Investments, L I.R.S. IDENTIFICAT	.L.C.	PERSONS (ENTITIES ONLY):	
2	CHECK THE APPRO	OPRIATE BOX IF A ME	MBER OF A GROUP*	(a) x (b) o
3	SEC USE ONLY			
4	CITIZENSHIP OR P Delaware	LACE OF ORGANIZATI	ION	
	MBER OF SHARES	5	SOLE VOTING POWER 0	
BEN	EFICIALLY OWNED BY	6	SHARED VOTING POWER 3,412,000	
	EACH PORTING PERSON	7	SOLE DISPOSITIVE POWER 0	
•	WITH:	8	SHARED DISPOSITIVE POW 3,412,000	ER
9	AGGREGATE AM REPORTING PER 3,412,000	MOUNT BENEFICIALLY RSON	Y OWNED BY EACH	
10	CHECK IF THE AGGREGATE AMOUNT IN ROW (9) EXCLUDES CERTAIN SHARES*		0	
11	PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW (9) 8.84%			
12	TYPE OF REPOR	TING PERSON*		

 $\mathbf{00}$

CUSIP N	No. 64125C109		13G	Page 5 of 10 Pages
1	NAME OF REPORTIN Investment 10, L.L.C. I.R.S. IDENTIFICATION		PERSONS (ENTITIES ONLY):	
2	CHECK THE APPROPRIATE BOX IF A MEMBER OF A GROUP*		(a)x (b) o	
3	SEC USE ONLY			
4	CITIZENSHIP OR PLA Illinois	ACE OF ORGANIZATI	ON	
	JMBER OF SHARES	5	SOLE VOTING POWER 0	
BEN	IEFICIALLY OWNED BY	6	SHARED VOTING POWER 411,000	
EACH REPORTING PERSON		7	SOLE DISPOSITIVE POWER 0	₹
	WITH:	8	SHARED DISPOSITIVE POV 411,000	VER
9	AGGREGATE AMO REPORTING PERS 411,000	OUNT BENEFICIALLY ON	OWNED BY EACH	
10	CHECK IF THE AGGREGATE AMOUNT IN ROW (9) EXCLUDES CERTAIN SHARES*			o
11	PERCENT OF CLA 1.06%	SS REPRESENTED BY	AMOUNT IN ROW (9)	

12

00

TYPE OF REPORTING PERSON*

CUSIP 13G Page 6 of 10 Pages No. 64125C109 NAME OF REPORTING PERSON: **BVF Partners L.P.** I.R.S. IDENTIFICATION NOS. OF ABOVE PERSONS (ENTITIES ONLY): CHECK THE APPROPRIATE BOX IF A MEMBER OF A GROUP* (a) x (b) o 3 SEC USE ONLY CITIZENSHIP OR PLACE OF ORGANIZATION **Delaware** 5 SOLE VOTING POWER NUMBER OF **SHARES** SHARED VOTING POWER **BENEFICIALLY** 6 **OWNED** 6,223,447 BYSOLE DISPOSITIVE POWER **EACH** 7

9 AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON 6,223,447

8

10 CHECK IF THE AGGREGATE AMOUNT IN ROW (9) EXCLUDES CERTAIN SHARES*

EXCLUDES CERTAIN SHARES*

6,223,447

SHARED DISPOSITIVE POWER

- 11 PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW (9) 16.12%
- 12 TYPE OF REPORTING PERSON* PN

REPORTING PERSON WITH:

o

CUSIP 13G Page 7 of 10 Pages No. 64125C109 NAME OF REPORTING PERSON: **BVF Inc.** I.R.S. IDENTIFICATION NOS. OF ABOVE PERSONS (ENTITIES ONLY): CHECK THE APPROPRIATE BOX IF A MEMBER OF A GROUP* (a) x (b) o SEC USE ONLY 3 CITIZENSHIP OR PLACE OF ORGANIZATION **Delaware** 5 SOLE VOTING POWER NUMBER OF 0 **SHARES BENEFICIALLY** SHARED VOTING POWER 6 **OWNED** 6,223,447 BYSOLE DISPOSITIVE POWER **EACH** 7 **REPORTING PERSON** WITH: 8 SHARED DISPOSITIVE POWER 6,223,447 9 AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON 6,223,447 CHECK IF THE AGGREGATE AMOUNT IN ROW (9) 10 o **EXCLUDES CERTAIN SHARES*** 11 PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW (9) 16.12% 12 TYPE OF REPORTING PERSON*

IA, CO

CUSIP 13G Page 8 of 10 Pages

No. 64125C109

ITEM 1(a). NAME OF ISSUER:

Neurocrine Biosciences, Inc. ("NBIX")

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

12790 El Camino Real San Diego, California 92130

ITEM 2(a). NAME OF PERSON FILING:

This Amendment No. 2 to Schedule 13G is being filed on behalf of the following persons (the "Reporting Persons"):

- (i) Biotechnology Value Fund, L.P. ("BVF")
- (ii) Biotechnology Value Fund II, L.P. ("BVF2")
- (iii) BVF Investments, L.L.C. ("Investments")
- (iv) Investment 10, L.L.C. ("ILL10")
- (v) BVF Partners L.P. ("Partners")
- (vi) BVF Inc. ("BVF Inc.")

ITEM 2(b). ADDRESS OF PRINCIPAL BUSINESS OFFICE:

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:

BVF: 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

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 \$0.001 per share ("Common Stock"), of NBIX. The Reporting Persons' percentage ownership of Common Stock is based on 38,598,123 shares of Common Stock being outstanding.

As of December 1, 2008, BVF beneficially owned 1,423,447 shares of Common Stock, BVF2 beneficially owned 977,000 shares of Common Stock, Investments beneficially owned 3,412,000 shares of Common Stock and ILL10 beneficially owned 411,000 shares of Common Stock. Beneficial ownership by Partners and BVF Inc. includes 6,223,447 shares of Common Stock.

CUSIP No. 13G Page 9 of 10 Pages 64125C109

ITEM 2(e). CUSIP Number:

64125C109

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 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 Persons have 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:

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

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 A GROUP:
	Not applicable.
ITEM 9.	NOTICE OF DISSOLUTION OF GROUP:
	Not applicable.

CUSIP No. 64125C109

13G

Page 10 of 10 Pages

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.

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: December 4, 2008

BIOTECHNOLOGY VALUE FUND, L.P.*

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

By: BVF Inc., its general partner

By: <u>/s/ Mark N. Lampert</u>
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: <u>/s/ Mark N. Lampert</u>
Mark N. Lampert, President

BVF INVESTMENTS, L.L.C.*

By: BVF Partners, L.P., its manager

By: BVF Inc., its general partner

By: <u>/s/ Mark N. Lampert</u>
Mark N. Lampert, President

INVESTMENT 10, L.L.C.*

By: BVF Partners, L.P., its investment manager

By: BVF Inc., its general partner

By: <u>/s/ Mark N. Lampert</u>
Mark N. Lampert, President

BVP PARTNERS L.P.*

By: BVF Inc., its general partner

By: <u>/s/ Mark N. Lampert</u>
Mark N. Lampert, President

BVF INC.*

By: <u>/s/ Mark N. Lampert</u>
Mark N. Lampert, President

^{*}The Reporting Person disclaims beneficial ownership except to the extent of its pecuniary interest therein.