FORM 4

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

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP

washington, D.C. 203

Check this box if no longer subject to

1. Name and Address of Reporting Person*

(Last)

BIOTECHNOLOGY VALUE FUND L P

(First)

900 N. MICHIGAN AVE., SUITE 1100

(Middle)

OMB APPR	OVAL				
OMB Number:	3235-0287				
Estimated average burden					
hours per response:	0.5				

obligati لـــــ	ons may co tion 1(b).				File								curities Exchar		f 1934			ll ll		response		0.5			
1. Name and Address of Reporting Person* BVF PARTNERS L P/IL						2 <u>1</u>	or Section 30(h) of the Investment Company Act of 1940 2. Issuer Name and Ticker or Trading Symbol NEUROCRINE BIOSCIENCES INC [NBIX]								Relationship of Reporting Person(s) to Issuer (Check all applicable) Director				ner						
(Last) ONE SA	(Last) (First) (Middle) ONE SANSOME STREET, 31ST FLOOR						3. Date of Earliest Transaction (Month/Day/Year) 05/15/2008									Officer (give title X Other (specify below) Indirect Beneficial Owner									
(Street) SAN FRANCI	SCO CA 94104					4	4. If Amendment, Date of Original Filed (Month/Day/Year) 6. Individual or Joint/Group Filing (Check Applic Line) Form filed by One Reporting Person X Person																		
(City)		(Stat		Zip)																					
1 Tido of 6	Saarreider (Is			e I - I	Non-Deri		_	Deemed		_	quir	ed, I	4. Securities			cia	Ily Owne		6 000	orobin	7. Natı	uro of			
1. Title of Security (Instr. 3)			Date (Month/Day/Ye		Exe if ar	cution [ly	ution Date,		o. Transa Code (I 8)		Disposed Of ((D) (Instr	D) (Instr. 3, 4 and 5		Securities Beneficial Owned Fo Reported	ly llowing	6. Ownership Form: Direct (D) or Indirect (I) (Instr. 4)		Indired Benefi Owner (Instr.	t cial ship					
										ļ'	Code	v	Amount	(A) or (D)	Price		Transaction (Instr. 3 ar								
Common Stock					05/15/20					P		32,300 ⁽³⁾	A	\$4.62	275	4,907,4	400 ⁽⁶⁾		I See footnotes		otes ⁽¹⁾⁽²⁾				
Common Stock				05/15/20					P		21,000(4)	A	\$4.62	75	4,928,4	400 ⁽⁶⁾		I	See footnotes ⁽¹⁾⁽²⁾						
Common Stock				05/15/20					P		73,000(5)	A	\$4.62	275	5,001,4	400 ⁽⁶⁾	I		See footnotes ⁽¹⁾⁽²⁾						
Common Stock				05/16/20					P		7,300 ⁽³⁾	A	\$4.65	5,008,		700 ⁽⁶⁾	I		See footnotes ⁽¹⁾⁽²⁾						
Common Stock				05/16/20				P		4,000(4)	A	\$4.65	524 5,012,700		700 ⁽⁶⁾	I		See footnotes ⁽¹⁾⁽²⁾							
Common Stock				05/16/2008					P		15,000 ⁽⁵⁾	A	\$4.6524		5,027,700 ⁽⁶⁾		I		See footn	otes ⁽¹⁾⁽²⁾					
			Та	ble I									sposed of, , convertib				Owned								
1. Title of Derivative Security (Instr. 3)	2. Conversion or Exercis Price of Derivative Security	on Date (Month/Day/Year)	ion I ise (ate	Date Month/Day/Year) i	Date (Month/Day/Year) i	Execu	ution Date,		nsactic le (Inst	on of r. De Se Ac (A) Dis of	rivativ curitic quire or spose	ve es d	Expi	ration	ercisable and Date y/Year)	Amour Securi Underl Deriva	nt of ties ying tive ty (Instr.		8. Price of Derivative Security (Instr. 5)	9. Numl derivati Securiti Benefic Owned Followin Reporte Transac (Instr. 4	ve ies ially ng ed ction(s)	10. Owners Form: Direct (I or Indire (I) (Instr	hip o B O) O ect (I	I. Nature I Indirect eneficial wnership nstr. 4)
						Cod	le V	(A)	([D)	Date Exer	cisab	Expiration le Date	Title	Amour or Number of Shares	er									
1. Name an			eporting Person* L P/IL																						
(Last) ONE SA	NSOME	•	First) REET, 31ST FI	•	Middle)																				
(Street)	ANCISC	o c	CA	g	94104																				
(City)			Ctata\		7in\																				

(Street) CHICAGO	IL	60611								
(City)	(State)	(Zip)								
1. Name and Address of Reporting Person* BIOTECHNOLOGY VALUE FUND II LP										
(Last) 900 N. MICHIGAN	(First) J AVE., SUITE 1100	(Middle)								
(Street) CHICAGO	IL	60611								
(City)	(State)	(Zip)								
1. Name and Address o BVF INVESTM (Last)		(Middle)								
900 N. MICHIGAN AVE., SUITE 1100										
(Street) CHICAGO	IL	60611								
(City)	(State)	(Zip)								
1. Name and Address of BVF INC/IL	f Reporting Person [*]									
(Last) ONE SANSOME S	(First) TREET, 31ST FLOC	(Middle)								
(Street) SAN FRANCISCO	CA	94104								
(City)	(State)	(Zip)								

Explanation of Responses:

- 1. The shares reported in this response are indirectly beneficially owned by BVF Partners L.P., a Delaware limited partnership ("Partners"), the designated filer of this joint filing on Form 4, and by its general partner, BVF Inc., a Delaware corporation ("BVF Inc."), which is also an investment advisor to Partners. Partners is the general partner of Biotechnology Value Fund, L.P., a Delaware limited partnership ("BVF, L.P.") and Biotechnology Value Fund II, L.P., a Delaware limited partnership ("BVF2, L.P."), both investment limited partnerships. Partners also is the manager of BVF Investments, L.L.C., a Delaware limited liability company ("Investments"). Pursuant to the operating agreement of Investments, Partners is authorized, among other things, to invest the funds of Ziff Asset Management, L.P., the majority member of Investments, in the shares of Common Stock reported in Table I as being beneficially owned by Investments.
- 2. Mark N. Lampert is the sole shareholder and sole director of BVF Inc., and is an officer of BVF Inc. This joint filing on Form 4 shall not be deemed an admission that Mark N. Lampert is, for purposes of Section 16 of the Securities Exchange Act of 1934, as amended, or otherwise, the beneficial owner of any equity securities covered by this joint filing.
- 3. Shares directly beneficially owned by BVF, L.P.
- 4. Shares directly beneficially owned by BVF2, L.P.
- 5. Shares directly beneficially owned by Investments.
- 6. Total amount of shares indirectly beneficially owned by Partners and BVF Inc.

Remarks:

BVF Partners L.P., By: BVF 05/19/2008 Inc., its GP, By: /s/ Mark N. <u>Lampert</u> **BIOTECHNOLOGY VALUE** FUND, L.P. By: BVF Partners 05/19/2008 L.P., its GP, By: BVF Inc., By: /s/ Mark N. Lampert **BIOTECHNOLOGY VALUE** FUND II, L.P., By: BVF 05/19/2008 Partners L.P., its GP, By: BVF Inc., By: /s/ Mark N. Lampert BVF INVESTMENTS, L.L.C., By: BVF Partners L.P., its Manager, By: BVF Inc., By: /s/ Mark N. Lampert BVF INC., By: /s/ Mark N. 05/19/2008 Lampert ** Signature of Reporting Person Date

Reminder: Report on a separate line for each class of securities beneficially owned directly or indirectly.

Note: File three copies of this Form, one of which must be manually signed. If space is insufficient, see Instruction 6 for procedure.

 $^{^{\}star}$ If the form is filed by more than one reporting person, see Instruction 4 (b)(v).

^{**} Intentional misstatements or omissions of facts constitute Federal Criminal Violations See 18 U.S.C. 1001 and 15 U.S.C. 78ff(a).

Persons who respond to the collection of information contained in this form are not required to respond unless the form displays a currently valid OMB Number.	