# FORM 4

UNITED STATES SECURITIES AND EXCHANGE COMMISSION

Washington, D.C. 20549

# STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP

Filed pursuant to Section 16(a) of the Securities Exchange Act of 1934 or Section 30(h) of the Investment Company Act of 1940

OMB APPF	ROVAL
OMB Number:	3235-0287
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hours per response:	0.5

1. Name and Address of Reporting Person* BVF PARTNERS L P/IL		n*	2. Issuer Name and Ticker or Trading Symbol <u>NEUROCRINE BIOSCIENCES INC</u> [ NBIX ]	5. Relationship of Reporting Person(s) to Issuer (Check all applicable) Director X 10% Owner			
(Last) ONE SANSOMI	(First) E STREET, 31ST	(Middle) FLOOR	3. Date of Earliest Transaction (Month/Day/Year) 07/02/2008	Officer (give title X Other (specify below) Indirect Beneficial Owner			
(Street) SAN CA 94104		94104	4. If Amendment, Date of Original Filed (Month/Day/Year)	6. Individual or Joint/Group Filing (Check Applicable Line) Form filed by One Reporting Person X Form filed by More than One Reporting Person			
(City)	(State)	(Zip)		FCISUI			

## Table I - Non-Derivative Securities Acquired, Disposed of, or Beneficially Owned

Table I - Non-Derivative Securities Acquired, Disposed of, or Beneficially Owned										
1. Title of Security (Instr. 3)	2. Transaction Date (Month/Day/Year)	2A. Deemed Execution Date, if any (Month/Day/Year)	3. Transa Code ( 8)				5. Amount of Securities Beneficially Owned Following Demotries (I) (Instr. 4		7. Nature of Indirect Beneficial Ownership	
			Code	v	Amount	(A) or (D)	Price	Reported Transaction(s) (Instr. 3 and 4)		(Instr. 4)
Common Stock	07/07/2008		Р		28,700 <sup>(3)</sup>	A	\$4.2413	5,121,200 <sup>(6)</sup>	I	See footnotes <sup>(1)(2)</sup>
Common Stock	07/07/2008		Р		20,000 <sup>(4)</sup>	A	\$4.2413	5,141,200 <sup>(6)</sup>	Ι	See footnotes <sup>(1)(2)</sup>
Common Stock	07/07/2008		Р		67,000 <sup>(5)</sup>	A	\$4.2413	5,208,200 <sup>(6)</sup>	Ι	See footnotes <sup>(1)(2)</sup>
Common Stock	07/08/2008		Р		400 <sup>(3)</sup>	A	\$4.25	5,583,600 <sup>(6)</sup>	I	See footnotes <sup>(1)(2)</sup>
Common Stock	07/08/2008		Р		1,000(4)	A	\$4.25	5,584,600 <sup>(6)</sup>	I	See footnotes <sup>(1)(2)</sup>
Common Stock	07/08/2008		Р		2,000 <sup>(5)</sup>	A	\$4.25	5,586,600 <sup>(6)</sup>	Ι	see footnotes <sup>(1)(2)</sup>

#### Table II - Derivative Securities Acquired, Disposed of, or Beneficially Owned (e.g., puts, calls, warrants, options, convertible securities)

	(-3),,														
1. Title of Derivative Security (Instr. 3)	2. Conversion or Exercise Price of Derivative Security	3. Transaction Date (Month/Day/Year)	3A. Deemed Execution Date, if any (Month/Day/Year)	4. Transa Code ( 8)		5. Number of Derivative Securities Acquired (A) or Disposed of (D) (Instr. 3, 4 and 5) 6. Date Exercisable a Expiration Date (Month/Day/Year)		ion Date Amount of		8. Price of Derivative Security (Instr. 5)	9. Number of derivative Securities Beneficially Owned Following Reported Transaction(s) (Instr. 4)	10. Ownership Form: Direct (D) or Indirect (I) (Instr. 4)	11. Nature of Indirect Beneficial Ownership (Instr. 4)		
				Code	v	(A)	(D)	Date Exercisable	Expiration Date	Title	Amount or Number of Shares				

1. Name and Address of Reporting Person\* **BVF PARTNERS L P/IL** 

(Last)	(First)	(Middle)
ONE SANSO	OME STREET, 31ST	FLOOR
(Street)		

SAN FRANCISCO	CA	94104
(City)	(State)	(Zip)
1. Name and Address of BIOTECHNOL	f Reporting Person <sup>*</sup> OGY VALUE FU	JND L P

(Last)	(First)	(Middle)
900 N. MICHIGAN	AVE., SUITE 1100	

,								
(Street) CHICAGO	IL	60611						
(City)	(State)	(Zip)						
1. Name and Address of Reporting Person <sup>*</sup> BIOTECHNOLOGY VALUE FUND II LP								
(Last) 900 N. MICHIGAN	(First) I AVE., SUITE 1100	(Middle)						
(Street) CHICAGO	IL	60611						
(City)	(State)	(Zip)						
1. Name and Address of BVF INVESTM								
(Last) 900 N. MICHIGAN	(First) I AVE., SUITE 1100	(Middle)						
(Street) CHICAGO	IL	60611						
(City)	(State)	(Zip)						
1. Name and Address or BVF INC/IL	f Reporting Person <sup>*</sup>							
(Last) ONE SANSOME S	(First) TREET, 31ST FLOC	(Middle) DR						
(Street) SAN FRANCISCO	СА	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 ("BVF, L.P."), both investment limited partnerships. Partners also is the manager of BVF Investments, L.L.C., a Delaware limited iability 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:**

<u>BVF Partners L.P., By: BVF</u> <u>Inc., its GP, By: /s/ Mark N.</u> <u>Lampert</u>	<u>07/08/2008</u>
BIOTECHNOLOGY VALUE FUND, L.P. By: BVF Partners L.P., its GP, By: BVF Inc., By: /s/ Mark N. Lampert	<u>07/08/2008</u>
BIOTECHNOLOGY VALUE FUND II, L.P., By: BVF Partners L.P., its GP, By: BVF Inc., By: /s/ Mark N. Lampert	<u>07/08/2008</u>
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. Lampert ** Signature of Reporting Person	<u>07/08/2008</u> Date

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

\* 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).

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

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