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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 AP	PROVAL
MB Number:	3235-028

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Estimated average burden								
hours per response:	0.5							

1. Name and Address of Reporting Person* OBrien Christopher Flint			2. Issuer Name and Ticker or Trading Symbol <u>NEUROCRINE BIOSCIENCES INC</u> NBIX]		tionship of Reporting Pe all applicable) Director Officer (give title below)	rson(s) to Issuer 10% Owner Other (specify below)				
(Last) (First) (Middle) 12780 EL CAMINO REAL (Street) SAN DIEGO CA 92130 (City) (State) (Zip)		(Middle)	3. Date of Earliest Transaction (Month/Day/Year) 02/03/2016		Chief Medical	,				
		92130 (Zip)	4. If Amendment, Date of Original Filed (Month/Day/Year)	6. Indiv Line) X	ridual or Joint/Group Filir Form filed by One Rep Form filed by More tha Person	porting Person				
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)	Transaction Code (Instr.		4. Securities Disposed Of			Securities Beneficially	(D) or Indirect (I) (Instr. 4)	7. Nature of Indirect Beneficial Ownership (Instr. 4)	
			Code	v	Amount	(A) or (D)	Price	Transaction(s) (Instr. 3 and 4)		(1150. 4)	
Common Stock	02/03/2016		S ⁽¹⁾	V	1,500	D	\$38.01 ⁽²⁾	130,044	D		

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

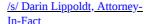
1. Title of Derivative Security (Instr. 3)	2. Conversion or Exercise Price of Derivative Security	3. Transaction Date (Month/Day/Year)	3A. Deemed Execution Date, if any (Month/Day/Year)		s. Number of Derivative Securities Acquired (A) or Disposed of (D) (Instr. 3, 4 and 5)		6. Date Exerc Expiration Da (Month/Day/Y	7. Title and Amount of Securities Underlying Derivative Security (Instr. 3 and 4)		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					

Explanation of Responses:

1. Sale of 1,500 shares of common stock issued upon vesting of 3,000 restricted stock units on February 3, 2016 to cover payroll and withholding taxes, with the balance of the shares (1,500) maintained by the Reporting Person; the disposition reported in this Form 4 was effected by a broker pursuant to instructions set forth in a Rule 10b5-1 trading plan adopted by the Reporting Person at least 90 days prior to the transaction date in Box 3 above. Additionally, Issuer policy restricts the Reporting Person from amending, canceling, suspending or otherwise modifying any 10b5-1 trading plan subsequent to adoption of the plan.

2. Represents a weighted average sales price per share. These shares were sold in multiple transactions at prices ranging from \$36.82 to \$39.53. The Reporting Person has provided to the issuer, and will provide to any security holder of the issuer or the SEC staff, upon request, information regarding the number of shares sold at each price within the range.

Remarks:



02/04/2016

** Signature of Reporting Person

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.

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.

Date