FORM 4

UNITED STATES SECURITIES AND EXCHANGE COMMISSION

Washington, D.C. 20549

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP

	OMB APPRO	OVAL							
	OMB Number: 3235-0								
l	Estimated average burden								
l	hours per response:	0.5							

Check this box if no longer subject to Section 16. Form 4 or Form 5 obligations may continue. See Instruction 1(b).

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

1. Name and Address of Reporting Person* OBrien Christopher Flint							2. Issuer Name and Ticker or Trading Symbol NEUROCRINE BIOSCIENCES INC NBIX								all app Dired	olicable) ctor		Owner
(Last) (First) (Middle) 12780 EL CAMINO REAL						3. Date of Earliest Transaction (Month/Day/Year) 01/10/2017								X		officer (give title Other below) Chief Medical Officer		
(Street) SAN DIEGO CA 92130 (City) (State) (Zip)					4. If	4. If Amendment, Date of Original Filed (Month/Day/Year)									ridual or Joint/Group Filing (Check Applicable Form filed by One Reporting Person Form filed by More than One Reporting Person			
		Tab	le I - No	on-Deriv	ative	Sec	uritie	s Ac	quired	l, Dis	sposed o	f, or B	enefi	cially	Owne	ed		
1. Title of Security (Instr. 3) 2. Transactic Date (Month/Day/						Execution Date,		3. 4. Securities Acqui Transaction Code (Instr. 8) 4. Securities Acqui					5. Amount of Securities Beneficially Owned Followin Reported		6. Ownership Form: Direct (D) or Indirect (I) (Instr. 4)	7. Nature of Indirect Beneficial Ownership		
									Code	v	Amount	(A) o (D)	Price	e	Trans	ted action(s) 3 and 4)		(Instr. 4)
Common	Stock	2017	017		S ⁽¹⁾		1,750	D	\$43	3.35 ⁽²⁾	3	31,794	D					
		Ta	able II -								osed of, convertib				wned			
1. Title of Derivative Security (Instr. 3)	2. Conversion or Exercise Price of Derivative Security 3. Transaction Date (Month/Day/Year) (Month/Day/Year) 3A. Deemed Execution Date, if any (Month/Day/Year)		on Date, Day/Year)	Code (8)	ransaction of code (Instr. De) Se Ad (A Di of		osed) :. 3, 4	6. Date Expirati (Month/	ion Da Day/Y			nt er		9. Number of derivative Securities Beneficially Owned Following Reported Transaction (Instr. 4)	Ownership Form: Direct (D) or Indirect (I) (Instr. 4)	11. Nature of Indirect Beneficial Ownership (Instr. 4)		

Explanation of Responses:

1. Sale of 1,750 shares of common stock issued upon vesting of 3,500 restricted stock units on January 10, 2017 to cover payroll and withholding taxes, with the balance of the shares (1,750) 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 \$42.50 to \$45.49. 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:

/s/Darin Lippoldt, Attorney-In-

01/12/2017

Fact

** Signature of Reporting Person

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.

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.