

INITIAL STATEMENT OF BENEFICIAL OWNERSHIP OF SECURITIES

OMB APPROVAL

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hours per response: 0.5Filed 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* <u>Gano Kyle</u> (Last) (First) (Middle) <u>NEUROCRINE BIOSCIENCES, INC.</u> <u>12780 EL CAMINO REAL</u> (Street) <u>SAN DIEGO CA 92130</u> (City) (State) (Zip)	2. Date of Event Requiring Statement (Month/Day/Year) <u>01/16/2013</u>	3. Issuer Name and Ticker or Trading Symbol <u>NEUROCRINE BIOSCIENCES INC [NBIX]</u>	
		4. Relationship of Reporting Person(s) to Issuer (Check all applicable) Director 10% Owner <input checked="" type="checkbox"/> Officer (give title below) Other (specify below) <u>Chief Business Dev Officer</u>	5. If Amendment, Date of Original Filed (Month/Day/Year) 6. Individual or Joint/Group Filing (Check Applicable Line) <input checked="" type="checkbox"/> Form filed by One Reporting Person Form filed by More than One Reporting Person

Table I - Non-Derivative Securities Beneficially Owned

1. Title of Security (Instr. 4)	2. Amount of Securities Beneficially Owned (Instr. 4)	3. Ownership Form: Direct (D) or Indirect (I) (Instr. 5)	4. Nature of Indirect Beneficial Ownership (Instr. 5)
<u>Common Stock</u>	<u>22,488</u>	<u>D</u>	

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

1. Title of Derivative Security (Instr. 4)	2. Date Exercisable and Expiration Date (Month/Day/Year)		3. Title and Amount of Securities Underlying Derivative Security (Instr. 4)	4. Conversion or Exercise Price of Derivative Security	5. Ownership Form: Direct (D) or Indirect (I) (Instr. 5)	6. Nature of Indirect Beneficial Ownership (Instr. 5)
	Date Exercisable	Expiration Date				
<u>Employee Stock Option (right to buy)</u>	<u>(1)</u>	<u>09/26/2013</u>	<u>Common Stock</u>	<u>2,400</u>	<u>10.9</u>	<u>D</u>
<u>Employee Stock Option (right to buy)</u>	<u>(2)</u>	<u>03/12/2015</u>	<u>Common Stock</u>	<u>9,000</u>	<u>5</u>	<u>D</u>
<u>Employee Stock Option (right to buy)</u>	<u>(3)</u>	<u>05/11/2017</u>	<u>Common stock</u>	<u>40,000</u>	<u>2.59</u>	<u>D</u>
<u>Employee Stock Option (right to buy)</u>	<u>(4)</u>	<u>08/25/2021</u>	<u>Common Stock</u>	<u>75,000</u>	<u>5.76</u>	<u>D</u>
<u>Employee Stock Option (right to buy)</u>	<u>(5)</u>	<u>01/12/2022</u>	<u>Common Stock</u>	<u>70,000</u>	<u>8.66</u>	<u>D</u>
<u>Employee Stock Option (right to buy)</u>	<u>(6)</u>	<u>01/10/2023</u>	<u>Common Stock</u>	<u>60,000</u>	<u>8.65</u>	<u>D</u>
<u>Restricted Stock Unit</u>	<u>(7)</u>	<u>(7)</u>	<u>Common Stock</u>	<u>10,000</u>	<u>0^(B)</u>	<u>D</u>

Explanation of Responses:

- The option vested in annual installments over three years. The first installment became exercisable on September 26, 2007.
- The option vested in annual installments over three years. The first installment became exercisable on March 12, 2009.
- The option vests in monthly installments over three years. The first installment became exercisable on June 11, 2010.
- The option vests in monthly installments over three years. The first installment became exercisable on September 25, 2011.
- The option vests in monthly installments over four years. The first installment became exercisable on February 12, 2012.
- The option vests in monthly installments over four years. The first installment becomes exercisable on February 10, 2013.
- The restricted stock units will vest annually at 1/4 of the units vesting on January 10, 2014, January 10, 2015, January 10, 2016 and January 10, 2017, respectively.
- Each restricted stock unit represents a contingent right to receive one share of Neurocrine Biosciences, Inc. Common Stock.

Remarks:

Margaret E. Valeur-Jensen, By 01/28/2013
Power of Attorney

** 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 5 (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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