Mills Mike Form 4 February 11, 2010

FORM 4

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

OMB APPROVAL OMB

3235-0287 Number: January 31, Expires:

2005 Estimated average

0.5

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Check this box if no longer subject to Section 16. Form 4 or

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF **SECURITIES**

Form 5 obligations may continue. See Instruction

1(b).

Filed pursuant to Section 16(a) of the Securities Exchange Act of 1934, Section 17(a) of the Public Utility Holding Company Act of 1935 or Section 30(h) of the Investment Company Act of 1940

(Print or Type Responses)

1. Name and Address of Reporting Person * Mills Mike

2. Issuer Name and Ticker or Trading

5. Relationship of Reporting Person(s) to

Issuer

Symbol

BIOCRYST PHARMACEUTICALS INC [BCRX]

(Check all applicable)

(Last) (First) (Middle)

(Street)

3. Date of Earliest Transaction (Month/Day/Year)

Director _X__ Officer (give title below)

10% Owner Other (specify below)

2190 PARKWAY LAKE DR

02/10/2010

Principal Accounting Officer 6. Individual or Joint/Group Filing(Check

4. If Amendment, Date Original Filed(Month/Day/Year)

Applicable Line)

X Form filed by One Reporting Person Form filed by More than One Reporting

Person

BIRMINGHAM, AL 35244

(City)	(State) (Z	Zip) Table	I - Non-Do	erivative	Securi	ities Acc	quired, Disposed o	of, or Beneficial	ly Owned
1.Title of Security (Instr. 3)	2. Transaction Date (Month/Day/Year)	2A. Deemed Execution Date, if any (Month/Day/Year)	3. Transaction Code (Instr. 8)	4. Securities Acquired on(A) or Disposed of (D) (Instr. 3, 4 and 5)			5. Amount of Securities Beneficially Owned Following	6. Ownership Form: Direct (D) or Indirect (I) (Instr. 4)	7. Nature of Indirect Beneficial Ownership (Instr. 4)
			Code V	Amount	(A) or (D)	Price	Reported Transaction(s) (Instr. 3 and 4)		
Common Stock	02/10/2010		M	4,000	A	\$ 4.34	4,000	D	
Common Stock	02/10/2010		M	1,146	A	\$ 3.26	5,146	D	
Common Stock	02/10/2010		S	5,146	D	\$ 7.05 (1)	0	D	

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

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displays a currently valid OMB control number.

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)	4. Transactio Code (Instr. 8)	5. Number of Derivative Securities Acquired (A) or Disposed of (D) (Instr. 3, 4, and 5)	6. Date Exercisable and Expiration Date (Month/Day/Year)		7. Title and Amount of Underlying Securities (Instr. 3 and 4)	
				Code V	(A) (D)	Date Exercisable	Expiration Date	Title	Amount or Number of Shares
Emp. Stock Option (Right to Buy)	\$ 4.34	02/10/2010		M	4,000	06/15/2006	06/15/2015	Common Stock	4,000
Emp. Stock Option (Right to Buy)	\$ 3.26	02/10/2010		M	1,146	03/14/2009	03/14/2018	Common Stock	1,146

Reporting Owners

Director 10% Owner Officer Other

Mills Mike

2190 PARKWAY LAKE DR Principal Accounting Officer

BIRMINGHAM, AL 35244

Signatures

/s/ Michael Richardson, by power of attorney 02/11/2010

**Signature of Reporting Person Date

Explanation of Responses:

- * 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).
- The price in column 4 is a weighted average price. The prices actually ranged from \$7.04 to \$7.07. The reporting person will provide to (1) the issuer, any security holder of the issuer, or the SEC staff, upon request, full information regarding the number of shares purchased at each price within the range for all transactions reported in this Form 4 utilizing an average weighted price.

Reporting Owners 2

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Note: File three copies of this Form, one of which must be manually signed. If space is insufficient, *see* Instruction 6 for procedure. Potential persons who are to respond to the collection of information contained in this form are not required to respond unless the form displays a currently valid OMB number.