FORM 4

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

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

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP

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

OMB APPROVAL								
OMB Number:	3235-0287							
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Estimated average burden								
hours per response	0.5							

1. Name and Address of Reporting Person* EDWARDS MARK G			2. Issuer Name and Ticker or Trading Symbol ACELRX PHARMACEUTICALS INC [ACRX]	5. Relationship of Reporting Person(s) to Issuer				
(Last) C/O ACELRX GALVESTON		(Middle) UTICALS, INC., 351	3. Date of Earliest Transaction (Month/Day/Year) 05/07/2015	(Check all applicable) X Director Officer (give title below)	10% Owner Other (specify below)			
(Street) REDWOOD CITY	CA	94063	4. If Amendment, Date of Original Filed (Month/Day/Year)	6. Individual or Joint/Grou Applicable Line) X Form filed by One Rep Form filed by More that Person	porting Person			
(City)	(State)	(Zip)						

	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. Transac Code (Instr. 8)			(A)	Acquired sed of (D) and 5)	5. Amount of Securities Beneficially Owned Following Reported Transaction(s) (Instr. 3 and 4)	6. Ownership Form: Direct (D) or Indirect (I) (Instr. 4)	7. Nature of Indirect Beneficial Ownership (Instr. 4)		
Common Stock	05/07/2015		Р		40,000	Α	\$ 3.1279 (1)		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)	4. Transac Code (Instr. 8		5. Number		6. Date Exercisable and Expiration Date (Month/Day/Year)		able 7. Title and 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 of Derivative Security: 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. 1. The price reported in Column 4 is a weighted average price. These shares were bought in multiple transactions at prices ranging from \$3.115 to \$3.13, inclusive. The reporting person undertakes to provide to Acelrx Pharmaceuticals, Inc., any security holder of Acelrx Pharmaceuticals, Inc., or the staff of the Securities and Exchange Comission, upon request, full information regarding the number of shares sold at each separate price within the ranges set forth in this footnote.

/s/ Martha Adler, Attorneyin-Fact 05/07/2015

** 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.