Rosen Howard B Form 4 March 04, 2011

FORM 4

OMB APPROVAL

UNITED STATES SECURITIES AND EXCHANGE COMMISSION

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF

OMB 3235-0287 Number:

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

Washington, D.C. 20549

January 31, Expires: 2005

SECURITIES

Estimated average burden hours per response... 0.5

Form 5 obligations may continue. See Instruction

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

1(b).

(Print or Type Responses)

1. Name and Address of Reporting Person * Rosen Howard B

2. Issuer Name and Ticker or Trading

5. Relationship of Reporting Person(s) to Issuer

Symbol

INC [ACRX]

(Month/Day/Year)

ACELRX PHARMACEUTICALS

(Check all applicable)

(Last)

(City)

(First)

3. Date of Earliest Transaction

X_ Director Officer (give title

10% Owner Other (specify

320 EAST EVELYN AVENUE, 3RD FLOOR 03/02/2011

(Middle)

(Zip)

(Street) 4. If Amendment, Date Original 6. Individual or Joint/Group Filing(Check

> Filed(Month/Day/Year) Applicable Line)

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

below)

MOUNTAIN VIEW, CA 94041

(State)

Table I - Non-Derivative Securities Acquired, Disposed of, or Beneficially Owned

1. Title of Security (Instr. 3)

2. Transaction Date 2A. Deemed (Month/Day/Year) Execution Date, if

(Month/Day/Year)

3. 4. Securities TransactionAcquired (A) or Code Disposed of (D) (Instr. 3, 4 and 5) (Instr. 8)

5. Amount of Securities Beneficially Owned Following

6. Ownership 7. Nature of Form: Direct Indirect (D) or Beneficial Ownership Indirect (I) (Instr. 4) (Instr. 4)

Reported Transaction(s)

(A) or (Instr. 3 and 4) Code V Amount Price (D)

Common Stock (1)

03/02/2011

\$0 A 4,394 Α 4,394

D

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

Persons who respond to the collection of SEC 1474 information contained in this form are not (9-02)required to respond unless the form 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)

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Derivative	Deriv
Security	Secu
(Instr. 5)	Bene
	Own
	Follo
	Repo
	Trans
	(Instr
	,

Reporting Owners

Reporting Owner Name / Address	Relationships			
	Director	10% Owner	Officer	Other
Rosen Howard B 320 EAST EVELYN AVENUE 3RD FLOOR MOUNTAIN VIEW, CA 94041	X			

Signatures

/s/ James Welch,
Attorney-in-fact
03/04/2011

**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).
- (1) Issued pursuant to the 2011 Equity Incentive Plan.

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.

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