Phio Pharmaceuticals Corp. Form SC 13G/A February 14, 2019

CUSIP No: 71880W204

SECURITIES AND EXCHANGE COMMISSION Washington, D.C. 20549

SCHEDULE 13G

(Rule 13d-102)

INFORMATION TO BE INCLUDED IN STATEMENTS FILED PURSUANT

TO § 240.13d-1(b), (c) AND (d) AND AMENDMENTS THERETO FILED

PURSUANT TO § 240.13d-2.

(Amendment No. 1)*

Phio Pharmaceuticals Corp.

(formerly RXi Pharmaceuticals Corporation)

(Name of Issuer)

Common Stock, \$0.0001 par value per share

(Title of Class of Securities)

71880W204

(CUSIP Number)

December 31, 2018

(Date of Event Which Requires Filing of this Statement)

Check the appropriate box to designate the rule pursuant to which this Schedule is filed:

o Rule 13d-1(b)

o Rule 13d-1(d)

x Rule 13d-1(c)

^{*}The remainder of this cover page shall be filled out for a reporting person's initial filing on this form with respect to the subject class of securities, and for any subsequent amendment containing information which would alter the disclosures provided in a prior cover page.

The information required in the remainder of this cover page shall not be deemed to be "filed" for purposes of Section 18 of the Securities Exchange Act of 1934 ("Act") or otherwise subject to the liabilities of that section of the Act but shall be subject to all other provisions of the Act (however, see the Notes).

(1)	Names of Reporting Persons CVI Investments, Inc.		
(2)	Check the Appropriate Box if (a) (b)	a Member of a Group (See I o o	instructions)
(3)	SEC Use Only		
(4)	Citizenship or Place of Organ Cayman Islands	ization	
	(5)		Sole Voting Power 0
Number of Shares Beneficially Owned by	(6)		Shared Voting Power ** 1,998,801
Each Reporting Person With	(7)		Sole Dispositive Power 0
	(8)		Shared Dispositive Power ** 1,998,801
(9)	Aggregate Amount Beneficially Owned by Each Reporting Person 1,998,801		
(10)	Check Box if the Aggregate A	amount in Row (9) Excludes	Certain Shares (See Instructions) o
(11)	Percent of Class Represented 9.9%	by Amount in Row (9)	
(12)	Type of Reporting Person (Se CO	e Instructions)	

^{**} Heights Capital Management, Inc. is the investment manager to CVI Investments, Inc. and as such may exercise voting and dispositive power over these shares.

(1)		Names of Reporting Persons Heights Capital Management, I	nc.	
(2)		Check the Appropriate Box if a (a) (b)	Member of a Group (See I o o	nstructions)
(3)		SEC Use Only		
(4)		Citizenship or Place of Organiz Delaware	ation	
		(5)		Sole Voting Power 0
Number of Shares Beneficially Owned by		(6)		Shared Voting Power ** 1,998,801
Each Reporting Person With		(7)		Sole Dispositive Power 0
		(8)		Shared Dispositive Power ** 1,998,801
(9)		Aggregate Amount Beneficially Owned by Each Reporting Person 1,998,801		
(10))	Check Box if the Aggregate An	nount in Row (9) Excludes	Certain Shares (See Instructions) o
(11)	Percent of Class Represented by 9.9%	y Amount in Row (9)	
(12	2)	Type of Reporting Person (See CO	Instructions)	

^{**} Heights Capital Management, Inc. is the investment manager to CVI Investments, Inc. and as such may exercise voting and dispositive power over these shares.

Item 1. (a) (b) Item 2(a).	 Name of Issuer Phio Pharmaceuticals Corp. (formerly RXi Pharmaceuticals Corporation) (the Company) Address of Issuer s Principal Executive Offices 257 Simarano Drive, Suite 101, Marlborough, MA 01752 Name of Person Filing This statement is filed by the entities listed below, who are collectively referred to herein as Reporting Persons, with respect to the shares of common stock of the Company, \$0.0001 par value per share (the Shares).
	(i) CVI Investments, Inc.
Item 2(b).	(ii) Heights Capital Management, Inc.Address of Principal Business Office or, if none, ResidenceThe address of the principal business office of CVI Investments, Inc. is:
	P.O. Box 309GT
	Ugland House
	South Church Street
	George Town
	Grand Cayman
	KY1-1104
	Cayman Islands
	The address of the principal business office of Heights Capital Management, Inc. is:
	101 California Street, Suite 3250
Item 2(c).	San Francisco, California 94111 Citizenship Citizenship is set forth in Row 4 of the cover page for each Reporting Person hereto and is incorporated
Item 2(d)	herein by reference for each such Reporting Person. Title of Class of Securities
Item 2(e)	Common stock, \$0.0001 par value per share

CUSIP Number 71880W204

Item 3.	If this stat	tement is filed pursuant	to §§240.13d-1(b) or 240.13d-2(b) or (c), check whether the person filing is a:
	(a)	0	Broker or dealer registered under section 15 of the Act (15 U.S.C. 78o).
	(b)	0	Bank as defined in section 3(a)(6) of the Act (15 U.S.C. 78c).
	(c)	0	Insurance company as defined in section 3(a)(19) of the Act (15 U.S.C. 78c).
	(d)	0	Investment company registered under section 8 of the Investment Company Act of 1940 (15 U.S.C. 80a-8).
	(e)	0	An investment adviser in accordance with §240.13d-1(b)(1)(ii)(E);
	(f)	0	An employee benefit plan or endowment fund in accordance with $240.13d-1(b)(1)(ii)(F);$
	(g)	0	A parent holding company or control person in accordance with \$240.13d-1(b)(1)(ii)(G);
	(h)	0	A savings association as defined in Section 3(b) of the Federal Deposit Insurance Act (12 U.S.C. 1813);
	(i)	0	A church plan that is excluded from the definition of an investment company under section $3(c)(14)$ of the Investment Company Act of 1940 (15 U.S.C. 80a-3);
	(j)	0	A non-U.S. institution in accordance with $240.13d-1(b)(1)(ii)(J)$; Group, in accordance with Rule $13d-1(b)(1)(ii)(K)$. If filing as a non-U.S. institution in accordance with
	(k)	0	
			§240.13d-1(b)(1)(ii)(J), please specify the type of
			institution:

 Item 4.
 Ownership

 Provide the following information regarding the aggregate number and percentage of the class of securities of the issuer identified in Item 1.

The information required by Items 4(a) (c) is set forth in Rows 5 11 of the cover page for each Reporting Person hereto and is incorporated herein by reference for each such Reporting Person.

The number of Shares reported as beneficially owned consists of (i) 155,135 Shares, and (ii) Shares issuable upon the exercise of pre-funded warrants to purchase Shares (the Pre-Funded Warrants). The Pre-Funded Warrants are not exercisable to the extent that the total number of Shares then beneficially owned by a Reporting Person and its affiliates and any other persons whose beneficial ownership of Shares would be aggregated with such Reporting Person for purposes of Section 13(d) of the Exchange Act, would exceed 9.99%.

The Company s Quarterly Report on Form 10-Q, filed on November 14, 2018 indicates there were 18,164,356 Shares outstanding as of November 9, 2018.

Heights Capital Management, Inc., which serves as the investment manager to CVI Investments, Inc., may be deemed to be the beneficial owner of all Shares owned by CVI Investments, Inc. Each of the Reporting Persons hereby disclaims any beneficial ownership of any such Shares, except for their pecuniary interest therein.

Item 5.

Ownership of Five Percent or Less of a Class

If this statement is being filed to report the fact that as of the date hereof the reporting person has ceased to be the beneficial owner of more than five percent of the class of securities, check the following: o

Item 6. Not applicable.	Ownership of More than Five Percent on Behalf of Another Person
Item 7.	Identification and Classification of the Subsidiary Which Acquired the Security Being Reported on By the Parent Holding Company or Control Person
Not applicable.	
Item 8. Not applicable.	Identification and Classification of Members of the Group
Item 9. Not applicable.	Notice of Dissolution of Group



Item 10.

Certification

By signing below each of the undersigned certifies that, to the best of its knowledge and belief, the securities referred to above were not acquired and are not held for the purpose of or with the effect of changing or influencing the control of the issuer of the securities and were not acquired and are not held in connection with or as a participant in any transaction having that purpose or effect.

SIGNATURES

After reasonable inquiry and to the best of its knowledge and belief, each of the undersigned certifies that the information with respect to it set forth in this statement is true, complete, and correct.

Dated: February 12, 2019

CVI INVESTMENTS, INC.

By: Heights Capital Management, Inc. pursuant to a Limited Power of Attorney, a copy of which was previously filed

By:	/s/ Brian Sopinsky
Name:	Brian Sopinsky
Title:	Secretary

HEIGHTS CAPITAL MANAGEMENT, INC.

By:	/s/ Brian Sopinsky
Name:	Brian Sopinsky
Title:	Secretary

EXHIBIT INDEX

EXHIBIT

I Limited Power of Attorney* II Joint Filing Agreement*

DESCRIPTION

* Previously Filed