IRONWOOD PHARMACEUTICALS INC Form SC 13G/A February 14, 2014

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

SCHEDULE 13G (Rule 13d-102)

INFORMATION TO BE INCLUDED IN STATEMENTS FILED PURSUANT TO RULES 13d-1(b), (c), AND (d) AND AMENDMENTS THERETO FILED PURSUANT TO RULE 13d-2(b)

(Amendment No. 2)1

Ironwood Pharmaceuticals, Inc. (Name of Issuer)

Class A common stock, \$0.001 par value (Title of Class of Securities)

46333X 10 8 (CUSIP Number)

December 31, 2013 (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)
- x Rule 13d-1(c)
- o Rule 13d-1(d)

1 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 the purpose 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	NAME OF REPORTING PERSON	
2	Biotechnology Value Fund, L.P. CHECK THE APPROPRIATE BOX IF A MEMBER OF A GROUP	(a) x (b) o
3	SEC USE ONLY	
4	CITIZENSHIP OR PLACE OF ORGANIZATION	

D	elaware	
NUMBER OF	5	SOLE VOTING POWER
SHARES		
BENEFICIALLY		0 shares
OWNED BY	6	SHARED VOTING POWER
EACH		
REPORTING		1,071,830
PERSON WITH	7	SOLE DISPOSITIVE POWER

0 shares

SHARED DISPOSITIVE POWER

1,071,830

9 AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON

1,071,830

- 10 CHECK BOX IF THE AGGREGATE AMOUNT IN ROW (9) " EXCLUDES CERTAIN SHARES
- 11 PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW (9)

1.0%

12 TYPE OF REPORTING PERSON

8

PN

1	NAME OF REPORTING PERSON	
2	Biotechnology Value Fund II, L.P. CHECK THE APPROPRIATE BOX IF A MEMBER OF A GROUP	(a) x (b) o
3	SEC USE ONLY	
4	CITIZENSHIP OR PLACE OF ORGANIZATION	

Ľ	Delaware	
NUMBER OF	5	SOLE VOTING POWER
SHARES		
BENEFICIALLY		0 shares
OWNED BY	6	SHARED VOTING POWER
EACH		
REPORTING		629,228
PERSON WITH	7	SOLE DISPOSITIVE POWER

0 shares

SHARED DISPOSITIVE POWER

629,228

9 AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON

629,228

- 10 CHECK BOX IF THE AGGREGATE AMOUNT IN ROW (9) " EXCLUDES CERTAIN SHARES
- 11 PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW (9)

Less than 1%

12 TYPE OF REPORTING PERSON

8

PN

1	NAME OF REPORTING PERSON	
2	BVF Investments, L.L.C.	
2	CHECK THE APPROPRIATE BOX IF A MEMBER OF A	(a) x
	GROUP	(b) o
3	SEC USE ONLY	

4 CITIZENSHIP OR PLACE OF ORGANIZATION

8

	Delaware	
NUMBER OF	5	SOLE VOTING POWER
SHARES		
BENEFICIALLY		0 shares
OWNED BY	6	SHARED VOTING POWER
EACH		
REPORTING		7,577,683
PERSON WITH	7	SOLE DISPOSITIVE POWER

0 shares

SHARED DISPOSITIVE POWER

7,577,683

9 AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON

7,577,683

- 10 CHECK BOX IF THE AGGREGATE AMOUNT IN ROW (9) " EXCLUDES CERTAIN SHARES
- 11 PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW (9)

7.3%

12 TYPE OF REPORTING PERSON

00

1	NAME OF REPORTING PERSON	
2	Investment 10, L.L.C. CHECK THE APPROPRIATE BOX IF A MEMBER OF A	(a) x
	GROUP	(b) o
3	SEC USE ONLY	

4 CITIZENSHIP OR PLACE OF ORGANIZATION

8

	Illinois	
NUMBER OF	5	SOLE VOTING POWER
SHARES		
BENEFICIALLY		0 shares
OWNED BY	6	SHARED VOTING POWER
EACH		
REPORTING		296,908
PERSON WITH	7	SOLE DISPOSITIVE POWER

0 shares

SHARED DISPOSITIVE POWER

296,908

9 AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON

296,908

- 10 CHECK BOX IF THE AGGREGATE AMOUNT IN ROW (9) " EXCLUDES CERTAIN SHARES
- 11 PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW (9)

Less than 1%

12 TYPE OF REPORTING PERSON

00

1	NAME OF REPORTING PERSON	
2	BVF Partners L.P. CHECK THE APPROPRIATE BOX IF A MEMBER OF A GROUP	(a) x (b) o

- 3 SEC USE ONLY
- 4 CITIZENSHIP OR PLACE OF ORGANIZATION

8

	Delaware	
NUMBER OF	5	SOLE VOTING POWER
SHARES		
BENEFICIALLY		0 shares
OWNED BY	6	SHARED VOTING POWER
EACH		
REPORTING		9,575,649
PERSON WITH	7	SOLE DISPOSITIVE POWER

0 shares

SHARED DISPOSITIVE POWER

9,575,649

9 AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON

9,575,649

- 10 CHECK BOX IF THE AGGREGATE AMOUNT IN ROW (9) " EXCLUDES CERTAIN SHARES
- 11 PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW (9)

9.3%

12 TYPE OF REPORTING PERSON

PN, IA

1	NAME OF REPORTING PERSON
	BVF Inc.

- 2 CHECK THE APPROPRIATE BOX IF A MEMBER OF A (a) x GROUP (b) o
- 3 SEC USE ONLY
- 4 CITIZENSHIP OR PLACE OF ORGANIZATION

8

	Delaware	
NUMBER OF	5	SOLE VOTING POWER
SHARES		
BENEFICIALLY		0 shares
OWNED BY	6	SHARED VOTING POWER
EACH		
REPORTING		9,575,649
PERSON WITH	7	SOLE DISPOSITIVE POWER

0 shares

SHARED DISPOSITIVE POWER

9,575,649

9 AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON

9,575,649

- 10 CHECK BOX IF THE AGGREGATE AMOUNT IN ROW (9) " EXCLUDES CERTAIN SHARES
- 11 PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW (9)

9.3%

12 TYPE OF REPORTING PERSON

CO

1	NAME OF REPORTING PERSON	
2	Mark N. Lampert CHECK THE APPROPRIATE BOX IF A MEMBER OF A GROUP	(a) x (b) o

- 3 SEC USE ONLY
- 4 CITIZENSHIP OR PLACE OF ORGANIZATION

8

	United States		
NUMBER OF		5	SOLE VOTING POWER
SHARES			
BENEFICIALLY			0 shares
OWNED BY		6	SHARED VOTING POWER
EACH			
REPORTING			9,575,649
PERSON WITH		7	SOLE DISPOSITIVE POWER

0 shares

SHARED DISPOSITIVE POWER

9,575,649

9 AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON

9,575,649

- 10 CHECK BOX IF THE AGGREGATE AMOUNT IN ROW (9) " EXCLUDES CERTAIN SHARES
- 11 PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW (9)

9.3%

12 TYPE OF REPORTING PERSON

IN

CUSIP NO. 46333X 108

Item 1(a).

Name of Issuer:

Ironwood Pharmaceuticals, Inc., a Delaware corporation (the "Issuer").

Item 1(b).

Address of Issuer's Principal Executive Offices:

301 Binney Street Cambridge, Massachusetts 02142

Item 2(a).Name of Person FilingItem 2(b).Address of Principal Business Office or, if None, ResidenceItem 2(c).Citizenship

Biotechnology Value Fund, L.P. ("BVF") 900 North Michigan Avenue, Suite 1100 Chicago, Illinois 60611 Citizenship: Delaware

Biotechnology Value Fund II, L.P. ("BVF2") 900 North Michigan Avenue, Suite 1100 Chicago, Illinois 60611 Citizenship: Delaware

BVF Investments, L.L.C. ("BVLLC") 900 North Michigan Avenue, Suite 1100 Chicago, Illinois 60611 Citizenship: Delaware

Investment 10, L.L.C. ("ILL10") 900 North Michigan Avenue, Suite 1100 Chicago, Illinois 60611 Citizenship: Illinois

BVF Partners L.P. ("Partners") 900 North Michigan Avenue, Suite 1100 Chicago, Illinois 60611 Citizenship: Delaware

BVF Inc. 900 North Michigan Avenue, Suite 1100 Chicago, Illinois 60611 Citizenship: Delaware

Mark N. Lampert ("Mr. Lampert") 900 North Michigan Avenue, Suite 1100 Chicago, Illinois 60611 Citizenship: United States

Each of the foregoing is referred to as a "Reporting Person" and collectively as the "Reporting Persons."

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Item 2(d).

Title of Class of Securities:

Class A common stock, \$0.001 par value (the "Common Stock")

Item 2(e).

CUSIP Number:

46333X 10 8

Item 3. If This Statement is Filed Pursuant to Rule 13d-1(b), or 13d-2(b) or (c), Check Whether the Person Filing is a:

		/x/	Not applicable.	
	(a)	11	Broker or dealer registered under Section 15 of the Exchange Act.	
	(b)	//	Bank as defined in Section $3(a)(6)$ of the Exchange Act.	
	(c)	// Iı	nsurance company as defined in Section 3(a)(19) of the Exchange Act.	
(d) //	Investme	ent company registered under Section 8 of the Investment Company Act.	
	(e)	//	An investment adviser in accordance with Rule 13d-1(b)(1)(ii)(E).	
(f)	//	An employee b	enefit plan or endowment fund in accordance with Rule 13d-1(b)(1)(ii)(F).	
(g)	11	A parent holdi	ng company or control person in accordance with Rule 13d-1(b)(1)(ii)(G).	
(h)	//	A savings as	sociation as defined in Section 3(b) of the Federal Deposit Insurance Act.	
(i)//A church plan that is excluded from the definition of an investment company under Section 3(c)(14) of the Investment Company Act.				
	(j)	//	Group, in accordance with Rule 13d-1(b)(1)(ii)(J).	
(k)//Gro	un in acc	ordance with R	ule 240 13d-1(b)(1)(ii)(K). If filing as a non-U.S. institution in accordance with	

(k)//Group, in accordance with Rule 240.13d-1(b)(1)(ii)(K). If filing as a non-U.S. institution in accordance with Rule 240.13d-1(b)(1)(ii)(J), please specify the type of institution: _____

Item 4.

Ownership

(a) Amount beneficially owned:

As of the close of business on December 31, 2013, (i) BVF beneficially owned 1,071,830 shares of Common Stock, (ii) BVF2 beneficially owned 629,228 shares of Common Stock, (iii) BVLLC beneficially owned 7,577,683 shares of Common Stock, (iv) and ILL10 beneficially owned 296,908 shares of Common Stock.

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Partners, as the general partner of BVF and BVF2, the manager of BVLLC and the investment adviser of ILL10, may be deemed to beneficially own the 9,575,649 shares of Common Stock beneficially owned in the aggregate by BVF, BVF2, BVLLC and ILL10.

BVF Inc., as the general partner of Partners, may be deemed to beneficially own the 9,575,649 shares of Common Stock beneficially owned by Partners.

Mr. Lampert, as a director and officer of BVF Inc., may be deemed to beneficially own the 9,575,649 shares of Common Stock beneficially owned by BVF Inc.

The foregoing should not be construed in and of itself as an admission by any Reporting Person as to beneficial ownership of any shares of Common Stock owned by another Reporting Person. Each of Partners, BVF Inc. and Mr. Lampert disclaims beneficial ownership of the shares of Common Stock beneficially owned by BVF, BVF2, BVLLC and ILL10 and the filing of this statement shall not be construed as an admission that any such person or entity is the beneficial owner of any such securities.

(b)

Percent of class:

The following percentages are based on 103,113,155 shares of Common Stock outstanding as of January 28, 2014, as disclosed in the Issuer's Annual Report on Form 10-K filed with the Securities and Exchange Commission (the "SEC") on February 7, 2014.

As of the close of business on December 31, 2013, (i) BVF beneficially owned approximately 1% of the outstanding shares of Common Stock, (ii) BVF2 beneficially owned less than 1% of the outstanding shares of Common Stock, (iii) BVLLC beneficially owned approximately 7.3% of the outstanding shares of Common Stock, (iv) ILL10 beneficially owned less than 1% of the outstanding shares of Common Stock and (v) each of Partners, BVF Inc. and Mr. Lampert may be deemed to beneficially own approximately 9.3% of the outstanding shares of Common Stock.

(c)	Number of shares as to which such person has:
(i)	Sole power to vote or to direct the vote
See Cover Pages Items 5-9.	
(ii)	Shared power to vote or to direct the vote
See Cover Pages Items 5-9.	
(iii)	Sole power to dispose or to direct the disposition of
See Cover Pages Items 5-9.	
(iv)	Shared power to dispose or to direct the disposition of
See Cover Pages Items 5-9.	

CUSIP NO. 46333X 10 8	
Item 5.	Ownership of Five Percent or Less of a Class.
Not Applicable.	
Item 6.	Ownership of More than Five Percent on Behalf of Another Person.
capital of Samana Capital, of the Issuer and to vote, e	agreement of BVLLC, Partners is authorized, among other things, to invest the contributed L.P., the majority member of BVLLC, in the shares of Common Stock and other securities xercise or convert and dispose of each security, and is entitled to receive fees based on and, subject to certain exceptions, allocations based on realized and unrealized gains on
Partners, BVF Inc. and Mr beneficially owned by BV	. Lampert share voting and dispositive power over the shares of Common Stock F, BVF2, and BVLLC.
Item Identification and C 7. Holding Company of	Classification of the Subsidiary That Acquired the Security Being Reported on by the Parent or Control Person.
Not Applicable.	
Item 8.	Identification and Classification of Members of the Group.
See Exhibit 99.1 to the init 2012.	tial Schedule 13G filed with the Securities and Exchange Commission on November 5,
Item 9.	Notice of Dissolution of Group.
Not Applicable.	
Item 10.	Certifications.
	the undersigned certifies that, to the best of its knowledge and belief, the securities referred and are not held for the purpose of or with the effect of changing or influencing the control

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.

CUSIP NO. 46333X 108

SIGNATURE

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

Dated: February 14, 2014

BIOTECHNOLOGY VALUE FUND, L.P.		BVF PARTNERS L.P.		
By:	BVF Partners L.P., its general partner	By:	BVF Inc., its general partner	
By: By:	BVF Inc., its general partner /s/ Mark N. Lampert Mark N. Lampert President	By:	/s/ Mark N. Lampert Mark N. Lampert President	
BIOTECH	INOLOGY VALUE FUND II, L.P.	BVF INC.		
By:	BVF Partners L.P., its general partner	By:	/s/ Mark N. Lampert	
By:	BVF Inc., its general partner		Mark N. Lampert President	
By:	/s/ Mark N. Lampert Mark N. Lampert President		Tresident	
BVF INV	ESTMENTS, L.L.C.		/s/ Mark N. Lampert	
By:	BVF Partners L.P., its manager		MARK N. LAMPERT	
By:	BVF Inc., its general partner			
By:	/s/ Mark N. Lampert Mark N. Lampert President			
INVEST	/IENT 10, L.L.C.			
By:	BVF Partners L.P., its investment manager			
By:	BVF Inc., its general partner			
	/s/ Mark N. Lampert Mark N. Lampert			

President