

INFINITY PHARMACEUTICALS, INC.  
Form SC 13G/A  
April 09, 2014

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

SCHEDULE 13G

Under the Securities Exchange Act of 1934  
(Amendment No. 2)\*

INFINITY PHARMACEUTICALS, INC.

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(Name of Issuer)

Common Stock, Par Value \$0.001 Per Share

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(Title of Class of Securities)

45665G303  
(CUSIP Number)

April 7, 2014  
(Date of Event which Requires Filing  
of this Statement)

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

- Rule 13d-1(b)
- Rule 13d-1(c)
- Rule 13d-1(d)

\*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 on 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).



CUSIP No.  
45665G303

13G

Page 2 of 12 Pages

1NAME OF REPORTING PERSON  
I.R.S. IDENTIFICATION NO. OF ABOVE PERSON

Point72 Asset Management, L.P.

2CHECK THE APPROPRIATE BOX IF A MEMBER OF A GROUP\*

- (a)
- (b)

3SEC USE ONLY

4CITIZENSHIP OR PLACE OF ORGANIZATION

Delaware

5SOLE VOTING POWER

NUMBER OF  
SHARES  
BENEFICIALLY  
OWNED  
BY  
EACH  
REPORTING  
PERSON  
WITH:

0  
6SHARED VOTING POWER

3,411,659 (see Item 4)  
7SOLE DISPOSITIVE POWER

0  
8SHARED DISPOSITIVE POWER

3,411,659 (see Item 4)

9AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON

3,411,659 (see Item 4)

10CHECK BOX IF THE AGGREGATE AMOUNT IN ROW (9) EXCLUDES CERTAIN SHARES

11PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW (9)

7.1% (see Item 4)

12TYPE OF REPORTING PERSON\*

PN

\*SEE INSTRUCTION BEFORE FILLING OUT



C U S I P N o .  
45665G303

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Page 3 of 12 Pages

1NAME OF REPORTING PERSON

I.R.S. IDENTIFICATION NO. OF ABOVE PERSON

Point72 Capital Advisors, Inc. (formerly S.A.C. Capital Advisors, Inc.)

2CHECK THE APPROPRIATE BOX IF A MEMBER OF A GROUP\*

(a)

(b)

3SEC USE ONLY

4CITIZENSHIP OR PLACE OF ORGANIZATION

Delaware

5SOLE VOTING POWER

NUMBER OF  
SHARES  
BENEFICIALLY  
OWNED  
BY  
EACH  
REPORTING  
PERSON  
WITH:

0

6SHARED VOTING POWER

3,411,659 (see Item 4)

7SOLE DISPOSITIVE POWER

0

8SHARED DISPOSITIVE POWER

3,411,659 (see Item 4)

9AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON

3,411,659 (see Item 4)

10CHECK BOX IF THE AGGREGATE AMOUNT IN ROW (9) EXCLUDES CERTAIN SHARES

11PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW (9)

7.1% (see Item 4)

12TYPE OF REPORTING PERSON\*

CO

\*SEE INSTRUCTION BEFORE FILLING OUT



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1NAME OF REPORTING PERSON  
I.R.S. IDENTIFICATION NO. OF ABOVE PERSON

Steven A. Cohen

2CHECK THE APPROPRIATE BOX IF A MEMBER OF A GROUP\*

(a)

(b)

3SEC USE ONLY

4CITIZENSHIP OR PLACE OF ORGANIZATION

United States

5SOLE VOTING POWER

NUMBER OF  
SHARES  
BENEFICIALLY  
OWNED  
BY  
EACH  
REPORTING  
PERSON  
WITH:

0

6SHARED VOTING POWER

3,411,659 (see Item 4)

7SOLE DISPOSITIVE POWER

0

8SHARED DISPOSITIVE POWER

3,411,659 (see Item 4)

9AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON

3,411,659 (see Item 4)

10CHECK BOX IF THE AGGREGATE AMOUNT IN ROW (9) EXCLUDES CERTAIN SHARES

11PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW (9)

7.1% (see Item 4)

12TYPE OF REPORTING PERSON\*

IN

\*SEE INSTRUCTION BEFORE FILLING OUT





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1NAME OF REPORTING PERSON  
I.R.S. IDENTIFICATION NO. OF ABOVE PERSON

S.A.C. Capital Advisors, L.P.

2CHECK THE APPROPRIATE BOX IF A MEMBER OF A GROUP\*

(a)

(b)

3SEC USE ONLY

4CITIZENSHIP OR PLACE OF ORGANIZATION

Delaware

5SOLE VOTING POWER

NUMBER OF  
SHARES  
BENEFICIALLY  
OWNED  
BY  
EACH  
REPORTING  
PERSON  
WITH:

0

6SHARED VOTING POWER

0 (see Item 4)

7SOLE DISPOSITIVE POWER

0

8SHARED DISPOSITIVE POWER

0 (see Item 4)

9AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON

0 (see Item 4)

10CHECK BOX IF THE AGGREGATE AMOUNT IN ROW (9) EXCLUDES CERTAIN SHARES

11PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW (9)

0% (see Item 4)

12TYPE OF REPORTING PERSON\*

PN

\*SEE INSTRUCTION BEFORE FILLING OUT



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1NAME OF REPORTING PERSON  
I.R.S. IDENTIFICATION NO. OF ABOVE PERSON

S.A.C. Capital Associates, LLC

2CHECK THE APPROPRIATE BOX IF A MEMBER OF A GROUP\*

- (a)
- (b)

3SEC USE ONLY

4CITIZENSHIP OR PLACE OF ORGANIZATION

Anguilla, British West Indies

5SOLE VOTING POWER

NUMBER OF  
SHARES  
BENEFICIALLY  
OWNED  
BY  
EACH  
REPORTING  
PERSON  
WITH:

0

6SHARED VOTING POWER

0 (see Item 4)

7SOLE DISPOSITIVE POWER

0

8SHARED DISPOSITIVE POWER

0 (see Item 4)

9AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON

0 (see Item 4)

10CHECK BOX IF THE AGGREGATE AMOUNT IN ROW (9) EXCLUDES CERTAIN SHARES

11PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW (9)

0% (see Item 4)

12TYPE OF REPORTING PERSON\*

OO

\*SEE INSTRUCTION BEFORE FILLING OUT



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No. 45665G303

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1NAME OF REPORTING PERSON  
I.R.S. IDENTIFICATION NO. OF ABOVE PERSON

Sigma Capital Management, LLC

2CHECK THE APPROPRIATE BOX IF A MEMBER OF A GROUP\*

- (a)
- (b)

3SEC USE ONLY

4CITIZENSHIP OR PLACE OF ORGANIZATION

Delaware

5SOLE VOTING POWER

NUMBER OF  
SHARES  
BENEFICIALLY  
OWNED  
BY  
EACH  
REPORTING  
PERSON  
WITH:

0

6SHARED VOTING POWER

0 (see Item 4)

7SOLE DISPOSITIVE POWER

0

8SHARED DISPOSITIVE POWER

0 (see Item 4)

9AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON

0 (see Item 4)

10CHECK BOX IF THE AGGREGATE AMOUNT IN ROW (9) EXCLUDES CERTAIN SHARES

11PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW (9)

0% (see Item 4)

12TYPE OF REPORTING PERSON\*

OO

\*SEE INSTRUCTION BEFORE FILLING OUT



Explanatory Note:

This amendment to Schedule 13G is being filed to reflect effective April 7, 2014 (a) the entry into new investment management agreements with certain investment funds by Point72 Asset Management, L.P. (“Point72 Asset Management”) and (b) the termination of investment management agreements between each of (i) S.A.C. Capital Advisors, L.P. (“SAC Capital Advisors LP”) and (ii) Sigma Capital Management, LLC (“Sigma Management”) and such investment funds which, as previously reported, gave investment and voting power to SAC Capital Advisors LP and Sigma Management with respect to Shares (as defined below) of the Issuer beneficially owned by such investment funds.

Item 1(a) Name of Issuer:

Infinity Pharmaceuticals, Inc.

Item 1(b) Address of Issuer's Principal Executive Offices:

780 Memorial Drive, Cambridge, Massachusetts 02139

Item 2(a) Name of Person Filing:

Item 2(a) of Schedule 13G is hereby amended to include the following persons:

(i) Point72 Asset Management with respect to shares of Common Stock, \$0.001 par value per share (“Shares”), of the Issuer held by certain investment funds it manages; and

(ii) Point72 Capital Advisors, Inc. (formerly S.A.C. Capital Advisors, Inc.) (“Point72 Capital Advisors Inc.”) with respect to Shares held by certain investment funds managed by Point72 Asset Management.

Point72 Asset Management, Point72 Capital Advisors Inc., Steven A. Cohen, SAC Capital Advisors LP, SAC Capital Associates, LLC and Sigma Management have entered into a Joint Filing Agreement, a copy of which is filed with this Schedule 13G as Exhibit 99.1, pursuant to which they have agreed to file this Schedule 13G jointly in accordance with the provisions of Rule 13d-1(k) of the Act.

Item 2(b) Address or Principal Business Office:

Item 2(b) of the Schedule 13G is hereby amended to include the following information:

The address of the principal business office of Point72 Asset Management and Point72 Capital Advisors Inc. is 72 Cummings Point Road, Stamford, CT 06902.





Item 2(c) Citizenship:

Item 2(c) of the Schedule 13G is hereby amended to include the following information:

Point72 Asset Management is a Delaware limited partnership. Point72 Capital Advisors Inc. is a Delaware corporation.

Item 2(d) Title of Class of Securities:

Common Stock, par value \$0.001 per share

Item 2(e) CUSIP Number:

45665G303

Item 3 Not Applicable

Item 4 Ownership:

The percentages used herein are calculated based upon the Shares of common stock issued and outstanding as of February 14, 2014 as reported on the Issuer's annual report on Form 10-K filed with the Securities and Exchange Commission by the Issuer for the fiscal year ended December 31, 2013.

As of the close of business on April 8, 2014:

1. Point72 Asset Management, L.P.

(a) Amount beneficially owned: 3,411,659

(b) Percent of class: 7.1%

(c)(i) Sole power to vote or direct the vote: -0-

(ii) Shared power to vote or direct the vote: 3,411,659

(iii) Sole power to dispose or direct the disposition: -0-

(iv) Shared power to dispose or direct the disposition: 3,411,659

2. Point72 Capital Advisors, Inc.

(a) Amount beneficially owned: 3,411,659

(b) Percent of class: 7.1%

(c)(i) Sole power to vote or direct the vote: -0-

(ii) Shared power to vote or direct the vote: 3,411,659

(iii) Sole power to dispose or direct the disposition: -0-

(iv) Shared power to dispose or direct the disposition: 3,411,659

3. Steven A. Cohen

(a) Amount beneficially owned: 3,411,659

(b) Percent of class: 7.1%

(c)(i) Sole power to vote or direct the vote: -0-

(ii) Shared power to vote or direct the vote: 3,411,659

(iii) Sole power to dispose or direct the disposition: -0-

(iv) Shared power to dispose or direct the disposition: 3,411,659

4. S.A.C. Capital Advisors, L.P.

- (a) Amount beneficially owned: -0-
- (b) Percent of class: 0%
- (c)(i) Sole power to vote or direct the vote: -0-
- (ii) Shared power to vote or direct the vote: -0-
- (iii) Sole power to dispose or direct the disposition: -0-
- (iv) Shared power to dispose or direct the disposition: -0-

5. S.A.C. Capital Associates, LLC

- (a) Amount beneficially owned: -0-
- (b) Percent of class: 0%
- (c)(i) Sole power to vote or direct the vote: -0-
- (ii) Shared power to vote or direct the vote: -0-
- (iii) Sole power to dispose or direct the disposition: -0-
- (iv) Shared power to dispose or direct the disposition: -0-

6. Sigma Capital Management, LLC

- (a) Amount beneficially owned: -0-
- (b) Percent of class: 0%
- (c)(i) Sole power to vote or direct the vote: -0-
- (ii) Shared power to vote or direct the vote: -0-
- (iii) Sole power to dispose or direct the disposition: -0-
- (iv) Shared power to dispose or direct the disposition: -0-

Point72 Asset Management, Point72 Capital Advisors Inc. and Mr. Cohen own directly no Shares. Pursuant to an investment management agreement, Point72 Asset Management maintains investment and voting power with respect to the securities held by certain investment funds it manages. Point72 Capital Advisors Inc. is the general partner of Point72 Asset Management. Mr. Cohen controls Point72 Capital Advisors Inc. By reason of the provisions of Rule 13d-3 of the Securities Exchange Act of 1934, as amended, each of Point72 Asset Management, Point72 Capital Advisors Inc. and Mr. Cohen may be deemed to beneficially own 3,411,659 Shares (constituting approximately 7.1% of the Shares outstanding). Each of Point72 Asset Management, Point72 Capital Advisors Inc. and Mr. Cohen disclaims beneficial ownership of any of the securities covered by this statement.

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(a)

- (a) As of April 7, 2014, each of SAC Capital Advisors LP, SAC Capital Associates and Sigma Management ceased to be the beneficial owners of any Shares.

Item 6 Ownership of More than Five Percent on Behalf of Another Person:

Not Applicable



Item 7 Identification and Classification of the Subsidiary Which Acquired the Security Being Reported on  
By the Parent Holding Company:

Not Applicable

Item 8 Identification and Classification of Members of the Group:

Not Applicable

Item 9 Notice of Dissolution of Group:

Not Applicable

Item 10 Certification:

By signing below the signatory certifies that, to the best of his 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.

SIGNATURE

After reasonable inquiry and to the best of my knowledge and belief, I certify that the information set forth in this statement is true, complete and correct.

Dated: April 9, 2014

POINT72 ASSET MANAGEMENT, L.P.

By: /s/ Peter Nussbaum  
Name: Peter Nussbaum  
Title: Authorized Person

POINT72 CAPITAL ADVISORS, INC.

By: /s/ Peter Nussbaum  
Name: Peter Nussbaum  
Title: Authorized Person

STEVEN A. COHEN

By: /s/ Peter Nussbaum  
Name: Peter Nussbaum  
Title: Authorized Person

S.A.C. CAPITAL ADVISORS, L.P.

By: /s/ Peter Nussbaum  
Name: Peter Nussbaum  
Title: Authorized Person

S.A.C. CAPITAL ASSOCIATES, LLC

By: /s/ Peter Nussbaum  
Name: Peter Nussbaum  
Title: Authorized Person

SIGMA CAPITAL MANAGEMENT, LLC

By: /s/ Peter Nussbaum  
Name: Peter Nussbaum  
Title: Authorized Person

