INFINITY PHARMACEUTICALS, INC.
Form SC 13G February 14, 2013
UNITED STATES
SECURITIES AND EXCHANGE COMMISSION
Washington, D.C. 20549
SCHEDULE 13G
SCHEDULE 13G
Under the Securities Exchange Act of 1934
Infinity Pharmaceuticals, Inc.
(Name of Issuer)
Common Stock
(Title of Class of Securities)
45665G303
(CUSIP Number)
December 21, 2012
December 31, 2012
(Date of Event Which Requires Filing of this Statement)
Check the appropriate box to designate the rule pursuant to which this Schedule is filed:
· ·
SRule 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 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).

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 control number.

SEC 1745 (12-02)

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names of reporting persons

i.r.s. identification no. of above persons (entities only)

1.

Perceptive Advisors LLC

2. check the appropriate box if a (a) £ group* (b) £ sec use only

3.

citizenship or place of organization

4. Delaware, United States of America

number of 5. sole voting power 0 shares beneficially 6. shared voting power 2,544,739 owned by each **7.** sole dispositive power 0 reporting person **8.** shared dispostive power 2,544,739 with: aggregate amount beneficially 9. owned by each reporting 2,544,739 person check box if the aggregate amount in **10.** row (9) excludes certain shares (See Instructions) £ percent of class represented 11. 5.64% by amount in row (9) type of reporting person (See IA **12.** Instructions)

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names of reporting persons

i.r.s. identification no. of above persons (entities only)

13.

Joseph Edelman

check the
appropriate box if a (a) £
group*
sec use only

(a) £
(b) £

15.

citizenship or place of organization

16. United States of America

number of shares 17. sole voting 0 power shared

beneficially 18. voting 2,544,739

power sole

each reporting 19. dispositive 0

power shared

person 20. dispostive 2,544,739

power aggregate amount

beneficially owned

by each reporting 2,544,739

person

check box if the aggregate

22. amount in row (9) excludes certain shares (See Instructions) £

23. 5.64%

percent of class represented by amount in row (9) type of reporting

24. person (See IN Instructions)

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Item 1.

(a) Name of Infinity

Issuer: Pharmaceuticals, Inc.

780 Memorial

(b) Address of Issuer's

Principal Executive

Offices: Cambridge,

MA 02139

Drive

Item 2.

This Schedule 13G (the "Schedule") is being filed with respect to shares of Common Stock (as defined below) of **Infinity**

Pharmaceuticals,

(a) Name of Person Inc. (the "Issuer")

which are Filing:

> beneficially owned by Perceptive **Advisors LLC and** Joseph Edelman (together, the "Reporting

Persons"). See Item

4 below.

Park Avenue, 25th

499

(b) Address of Principal

Business Office or, if none,

Residence:

Floor

New York, NY 10022

Perceptive Advisors LLC is a Delaware limited liability

(c) Citizenship:

company and Joseph Edelman is a United States Citizen.

(d) Title of Class of Securities:

Common Stock

(e) CUSIP

45665G303

Number:

If this statement is filed pursuant to Item 3.8§240.13d-1(b) or 240.13d-2(b) or (c), check whether the person filing is a:

- Broker or dealer registered under section 15 of the Act (15 U.S.C. 78o).
- Bank as defined in section
 (b) 3(a)(6) of the Act (15 U.S.C. 78c).
- Insurance company as defined in (c] section 3(a)(19) of the Act (15 U.S.C. 78c).
- Investment company registered under section 8 of the Investment Company Act of 1940 (15 U.S.C 80a-8).
- An investment adviser in (e[X] accordance with §240.13d-1(b)(1)(ii)(E);
- An employee benefit plan or endowment fund in accordance with §240.13d-1(b)(1)(ii)(F);
- A parent holding company or control person in accordance with § 240.13d-1(b)(1)(ii)(G);
- (h)] A savings associations as defined in Section 3(b) of the Federal Deposit Insurance Act (12 U.S.C. 1813);

(i)[] 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)[] Group, in accordance with \$240.13d-1(b)(1)(ii)(J).

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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 Reporting Persons beneficially own 2,544,739 shares of Common Stock held by a private investment Amount fund (the "Fund") to which Perceptive beneficially owned: advisors LLC serves as the investment manager. Mr. Edelman is the managing member of Perceptive Advisors LLC.

Perceptive Advisors LLC: 5.64%

Joseph Edelman: 5.64%

The beneficial ownership percentages are based on the

Percent 45,117,221 outstanding shares of

- (b) of Common Stock of the Issuer, as class: disclosed on the Issuer's Prospectus filed with the SEC on December 14, 2012.
- (c) Number of shares as to which the person has:

Sole power

(i) to vote or to direct the vote:

Perceptive Advisors LLC: 0

Joseph Edelman: 0

(ii) Shared Perceptive Advisors LLC: power to 2,544,739 vote or to direct the

vote:

Joseph Edelman: 2,544,739

Sole power to dispose or (iii)to direct the Perceptive Advisors LLC: 0 disposition of:

Joseph Edelman: 0

Shared
power to
dispose or to Perceptive Advisors LLC:
direct the 2,544,739
disposition
of:

Joseph Edelman: 2,544,739

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: £.

Item 6 Ownership of More Than Five Percent on Behalf of Another Person

The Fund described in Item 4 has the right to receive or the power to direct the receipt of dividends from, or the proceeds from, the sale of the securities held in its account. Filing of this statement by the Reporting Persons shall not be deemed an admission that they beneficially own the securities reported herein. The Reporting Persons expressly disclaim beneficial ownership of all securities reported herein.

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.

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Identification and
Item 8. Classification of Members of the Group.

Not applicable.

Notice of Item 9. Dissolution of Group.

Not applicable.

Item 10. Certification

The following

certification shall be included if the statement is filed pursuant to \$240.13d-1(b):

By signing below I certify that, to the best of my knowledge and belief, the securities referred to above were acquired and are held in the ordinary course of business and 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. S

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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.

February 14, 2013

Date

PERCEPTIVE ADVISORS LLC

/s/ Joseph Edelman Signature

Joseph Edelman/Managing Member Name/Title

February 14, 2013

Date

/s/ Joseph Edelman Signature

Joseph Edelman Name/Title

The original statement shall be signed by each person on whose behalf the statement is filed or his authorized representative. If the statement is signed on behalf of a person by his authorized representative other than an executive officer or general partner of the filing person, evidence of the representative's authority to sign on behalf of such person shall be filed with the statement, provided, however, that a power of attorney for this purpose which is already on file with the Commission may be incorporated by reference. The name and any title of each person who signs the statement shall be typed or printed beneath his signature.

NOTE: Schedules filed in paper format shall include a signed original and five copies of the schedule, including all exhibits. *See* §240.13d-7 for other parties for whom copies are to be sent.

Attention: Intentional misstatements or omissions of fact constitute Federal criminal violations (See 18 U.S.C. 1001)