

INFINITY PHARMACEUTICALS, INC.  
Form SC 13G  
February 09, 2007

**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 13d-2(b)<sup>1</sup>**

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)**

December 31, 2006

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**(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)

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<sup>1</sup> 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).

CUSIP No. 45665G303

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1. Names of Reporting Persons

I.R.S. Identification No. of above persons (entities only)

Amgen Inc.

95-3540776

2. Check the Appropriate Box if a Member of a Group

(a) ..

(b) ..

3. SEC Use Only

4. Citizenship or Place of Organization

Delaware

Number of 5. Sole Voting Power

Shares 1,447,485

6. Shared Voting Power

Beneficially -0-

Owned By 7. Sole Dispositive Power

Each 1,447,485

8. Shared Dispositive Power

Reporting -0-

Person

With

9. Aggregate Amount Beneficially Owned by Each Reporting Person

1,447,485

10. Check Box if the Aggregate Amount in Row (9) Excludes Certain Shares

..

11. Percent of Class Represented by Amount in Row (9)

7.4%

12. Type of Reporting Person

CO

- Item 1.** (a) Name of Issuer:  
Infinity Pharmaceuticals, Inc.
- (b) Address of Issuer's Principal Executive Offices:  
780 Memorial Drive  
  
Cambridge, MA 02139

- Item 2.** (a) Name of Persons Filing:  
Amgen Inc.
- (b) Address of Principal Business Office:  
One Amgen Center Drive  
  
Thousand Oaks, CA 91320-1799
- (c) Citizenship:  
Delaware
- (d) Title of Class of Securities:  
Common Stock, par value \$0.001 per share
- (e) CUSIP Number:  
45665G303

- 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:**  
Not applicable

**Item 4. Ownership.**

(a) Amount Beneficially Owned: 1,447,485

(b) Percent of Class:

Amgen Inc. may be deemed to be the beneficial owner of 7.4% of the outstanding shares of the Common Stock of Infinity Pharmaceuticals, Inc. based on the number of shares of the Common Stock shown as outstanding as of September 30, 2006 on the Form 10-Q filed by Infinity Pharmaceuticals, Inc. on November 9, 2006.

(c) Number of Shares as to which such person has:

(i) Sole power to vote or to direct the vote: 1,447,485

(ii) Shared power to vote or to direct the vote: -0-

(iii) Sole power to dispose or to direct the disposition of: 1,447,485

(iv) Shared power to dispose or to direct the disposition of: -0-

**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 " .**

Not applicable.

**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 or Control Person.**

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.**

Not applicable.

**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.

Date: February 7, 2007

AMGEN INC.

By: /s/ David J. Scott

Name: David J. Scott

Title: Senior Vice President, General

Counsel and Secretary