

ELAN PHARMACEUTICAL INVESTMENTS II LTD  
Form SC 13G  
February 17, 2004

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

SCHEDULE 13G

Under the Securities Exchange Act of 1934

Nanogen, Inc.

-----  
(Name of Issuer)

Common Stock, par value \$.001 per Share

-----  
(Title of Class of Securities)

630075 10 9

-----  
(CUSIP Number)

June 29, 2000

-----  
(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)
/X/	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).

-2-

-----  
1. Names of Reporting Persons.

Edgar Filing: ELAN PHARMACEUTICAL INVESTMENTS II LTD - Form SC 13G

I.R.S. Identification Nos. of above persons (entities only).

Elan Pharmaceutical Investments II, Ltd.

2. Check the Appropriate Box if a Member of a Group  
(See Instructions) (a)  
(b)

3. SEC Use Only

4. Citizenship or Place of Organization

Bermuda

5. Sole Voting Power

1,287,878

Number of  
Shares  
Beneficially

6. Shared Voting Power

0

Owned by Each  
Reporting  
Person With:

7. Sole Dispositive Power

1,287,878

8. Shared Dispositive Power

0

9. Aggregate Amount Beneficially Owned by Each Reporting Person

1,287,878

10. Check box if the Aggregate Amount in Row (9) Excludes Certain Shares  
(See Instructions)

/ /

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

5.3%

12. Type of Reporting Person (See Instructions)

CO

-3-

Item 1(a). Name of Issuer:  
Nanogen, Inc.

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

10398 Pacific Center Court, San Diego, CA 92121

Edgar Filing: ELAN PHARMACEUTICAL INVESTMENTS II LTD - Form SC 13G

Item 2(a). Name of Person Filing:

This statement is filed on behalf of Elan Pharmaceutical Investments II, Ltd. (the "Reporting Person")

Item 2(b). Address of Principal Business Office:

Elan Pharmaceutical Investments II, Ltd.  
Clarendon House  
Church Street  
Hamilton, Bermuda

Item 2(c). Citizenship:

Elan Pharmaceutical Investments II, Ltd. is a Bermuda exempted limited liability company

Item 2(d). Title of Class of Securities:

Common Stock, par value \$.001 per share (the "Shares")

Item 2(e). CUSIP Number:

630075 10 9

Item 3. If this statement is filed pursuant to ss.ss.240.13d-1(b) or 240.13d-2(b) or (c), check whether the person is a:

This Item 3 is not applicable

Item 4. Ownership:

(a) Amount beneficially owned: 1,287,878

(b) Percent of class: 5.3%

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

(i) sole power to vote or to direct the vote:

(ii) shared power to vote or to direct the vote:

(iii) sole power to dispose or to direct the disposition of:

(iv) shared power to dispose or to direct the disposition of:

-4-

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:

Edgar Filing: ELAN PHARMACEUTICAL INVESTMENTS II LTD - Form SC 13G

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. Certifications:

By signing below I certify that, to the best of my 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.

-5-

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: February 17, 2004

ELAN PHARMACEUTICAL INVESTMENTS II, LTD.

By: /s/ Kevin Insley

-----  
Name: Kevin Insley

Title: Vice President