

SECURITIES AND EXCHANGE COMMISSION  
Washington, D.C. 20549

SCHEDULE 13G  
(Rule 13d-102)

INFORMATION TO BE INCLUDED IN STATEMENTS FILES PURSUANT  
TO RULES 13d-1(b), (c) AND (d) AND AMENDMENTS THERETO FILED  
PURSUANT TO RULE 13d-2(b)  
(Amendment No. ) (1)

Momenta Pharmaceuticals, Inc.

(Name of Issuer)

Common Stock, \$.0001 par value

(Title of Class of Securities)

60877T 10 1

June 25, 2004

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)

(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 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 or otherwise subject to the liabilities of that section of the Act but shall be subject to all other provisions of the Act.

1)	Name of Reporting Person I.R.S. Identification No. of Above Person (Entities Only)	MVM Limited
----	---	-------------

2)	Check the Appropriate Box if a Member of a Group	(a) <input checked="" type="checkbox"/> (b) <input type="checkbox"/>
----	---	---

3) SEC Use Only

4)	Citizenship or Place of Organization	United Kingdom
----	---	----------------

Number of  
Shares Beneficially

5) Sole Voting  
Power

Owned by Each  
Reporting Person  
With

6)	Shared Voting Power	8,656 shares of Common Stock
7)	Sole Disposi- tive Power	-0-
8)	Shared Dis- positive Power	8,656 shares of Common Stock
9)	Aggregate Amount Beneficially Owned by Each Reporting person	8,656 shares of Common Stock
10)	Check if the Aggregate Amount in Row (9) Excludes Certain Shares	
11)	Percent of Class Represented by Amount in Row (9)	less than 0.1%
12)	Type of Reporting Person	00

-2-

CUSIP No. 60877T 10 1

Page 3 of 9 Page

1)	Name of Reporting Person I.R.S. Identification No. of Above Person (Entities Only)	MVM International Life Sciences Fund No. 1, L.P.
2)	Check the Appropriate Box if a Member of a Group	(a) <input checked="" type="checkbox"/> (b) <input type="checkbox"/>
3)	SEC Use Only	
4)	Citizenship or Place of Organization	United Kingdom
Number of Shares Beneficially Owned by Each Reporting Person With	5) Sole Voting Power	-0-
	6) Shared Voting Power	2,684,748 shares of Common Stock
	7) Sole Disposi- tive Power	-0-
	8) Shared Dis- positive Power	2,684,748 shares of Common Stock
9)	Aggregate Amount Beneficially Owned by Each Reporting person	2,684,748 shares of Common Stock
10)	Check if the Aggregate Amount in Row (9) Excludes Certain Shares	
11)	Percent of Class Represented by	10.6%

12) Type of Reporting Person PN

-3-

CUSIP No. 60877T 10 1

Page 4 of 9 Page

Schedule 13G

- Item 1(a) - Name of Issuer: Momenta Pharmaceuticals, Inc.
- Item 1(b) - Address of Issuer's Principal Executive Offices:  
675 West Kendall Street  
Cambridge, MA 02142
- Item 2(a) - Name of Person Filing:  
MVM Limited ("MVM")  
MVM International Life Sciences Fund No. 1, L.P.  
("MVM Fund No. 1")
- Item 2(b) - Address of Principal Business Office:  
6 Henrietta Street  
London  
WC2E 8 PU  
United Kingdom
- Item 2(c) - Place of Organization:  
United Kingdom
- Item 2(d) - Title of Class of Securities:  
Common Stock, \$.0001 par value
- Item 2(e) - CUSIP Number: 60877T 10 0
- Item 3 - Statements Filed Pursuant to Rules 13d-1(b) or 13d-2(b):  
Not applicable.

-4-

CUSIP No. 60877T 10 1

Page 5 of 9 Page

- Item 4 - Ownership.
  - (a) Amount Beneficially Owned:  
MVM: 8,656 shares of Common Stock  
MVM Fund No. 1: 2,684,748 shares of Common Stock
  - (b) Percent of Class:  
MVM: less than 0.1%  
MVM Fund No. 1: 10.6%
  - (c) Number of shares as to which such person has:
    - (i) sole power to vote or to direct the vote: -0-
    - (ii) shared power to vote or to direct the vote:  
MVM: 8,656 shares of Common Stock  
MVM Fund No. 1: 2,684,748 shares of Common Stock

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

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

MVM: 8,656 shares of Common Stock

MVM Fund No. 1: 2,684,748 shares of Common Stock

- 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:  
Not applicable.
- Item 7 - Identification and Classification of the Subsidiary Which  
Acquired the Security Being Reported on by the Parent Company:  
Not applicable.
- Item 8 - Identification and Classification of Members of the Group:  
See Exhibit 2.

-5-

CUSIP No. 60877T 10 1

Page 6 of 9 Page

- Item 9 - Notice of Dissolution of Group:  
Not applicable.
- Item 10 - Certification:  
Not applicable.

-6-

CUSIP No. 60877T 10 1

Page 7 of 9 Page

Signature:

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

MVM LIMITED

By /s/ Thomas Casdagli

-----  
Director of Finance

MVM INTERNATIONAL LIFE SCIENCES  
FUND NO. 1, L.P.

By /s/ Thomas Casdagli

-----  
Director of Finance

Date: January 26, 2005

-7-

CUSIP No. 60877T 10 1

Page 8 of 9 Page

AGREEMENT OF  
MVM LIMITED  
AND  
MVM INTERNATIONAL LIFE SCIENCES  
FUND NO. 1, L.P.  
PURSUANT TO RULE 13d-1(f)  
-----

The undersigned hereby agree that the Information Statement on Schedule 13G to which this Agreement is annexed as Exhibit 1 is filed on behalf of each of them in accordance with provisions of 13d-1(f) under the Securities Exchange Act of 1934, as amended.

MVM LIMITED

By /s/ Thomas Casdagli  
-----  
Director of Finance

MVM INTERNATIONAL LIFE SCIENCES  
FUND NO. 1, L.P.

By /s/ Thomas Casdagli  
-----  
Director of Finance

Date: January 26, 2005

Identification and Classification  
of Members of the Group  
-----

MVM Limited and MVM International Life Sciences Fund No. 1, L.P. are filing this statement on Schedule 13G as a group.

MVM Limited is a company organized in the United Kingdom. MVM International Life Sciences Fund No. 1, L.P. is a United Kingdom limited partnership. MVM Limited is the discretionary investment manager of MVM International Life Sciences Fund No. 1, L.P.