CRITICAL THERAPEUTICS INC Form SC 13D/A May 22, 2007

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

SCHEDULE 13D

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

CRITICAL THERAPEUTICS, INC.

(Name of Issuer) COMMON STOCK, PAR VALUE \$0.001 PER SHARE (Title of Class of Securities) 22674T 105 (CUSIP Number) **LUKE EVNIN** MPM ASSET MANAGEMENT THE JOHN HANCOCK TOWER 200 CLARENDON STREET, 54TH FLOOR **BOSTON. MASSACHUSETTS 02116**

TELEPHONE: (617) 425-9200 (Name, Address and Telephone Number of Person Authorized to Receive Notices and Communications)

MAY 14, 2007 (Date of Event Which Requires Filing of this Statement)

If the filing person has previously filed a statement on Schedule 13G to report the acquisition that is the subject of this Schedule 13D, and is filing this schedule because of §§240.13d-1(e), 240.13d-1(f) or 240.13d-1(g), check the following box. o

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 to whom copies are to be sent.

* 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 (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).

OWNED BY

0

22674T 105

NAMES OF REPORTING PERSONS: 1 I.R.S. IDENTIFICATION NOS. OF ABOVE PERSONS (ENTITIES ONLY): MPM BioVentures II-QP, L.P CHECK THE APPROPRIATE BOX IF A MEMBER OF A GROUP (SEE INSTRUCTIONS): 2 (a) o (b) b(1)SEC USE ONLY: 3 SOURCE OF FUNDS (SEE INSTRUCTIONS): 4 WC CHECK IF DISCLOSURE OF LEGAL PROCEEDINGS IS REQUIRED PURSUANT TO ITEMS 2(d) OR 2(e): 5 o CITIZENSHIP OR PLACE OF ORGANIZATION: 6 Delaware **SOLE VOTING POWER:** 7 NUMBER OF 2,047,872 (2) **SHARES** SHARED VOTING POWER: BENEFICIALLY 8

EACH SOLE DISPOSITIVE POWER:

REPORTING 9

PERSON 2,047,872 (2)

WITH SHARED DISPOSITIVE POWER:

10

0

AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON:

11

12

2,047,872 (2)

CHECK IF THE AGGREGATE AMOUNT IN ROW (11) EXCLUDES CERTAIN SHARES (SEE INSTRUCTIONS):

o

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

13

4.75% (3)

TYPE OF REPORTING PERSON (SEE INSTRUCTIONS):

14

PN

(1) This Schedule is filed by MPM BioVentures II-QP, L.P. (BVQP), MPM BioVentures II, L.P. (BV), MPM Asset Management Investors 2001 LLC (AM), MPM BioVentures GmbH & Co. Parallel-Beteiligungs KG (KG), MPM Asset Management II, L.P. (AM II) and MPM Asset Management II LLC (AM LLC) (collectively, the MPM Entities). The MPM Entities expressly disclaim status as a "group" for purposes of this Schedule 13D. (2) Includes warrants to purchase 129,181 shares of common stock exercisable within 60 days of May 14, 2007. (3) This percentage is calculated based upon 43,135,791 shares of the Issuer s common stock outstanding (as of May 1,

2007), as set forth in the Issuer s most recent Quarterly Report on Form 10-Q, filed with the Securities and Exchange Commission on May 10, 2007.

22674T 105

NAMES OF REPORTING PERSONS: 1 I.R.S. IDENTIFICATION NOS. OF ABOVE PERSONS (ENTITIES ONLY): MPM BioVentures II, L.P CHECK THE APPROPRIATE BOX IF A MEMBER OF A GROUP (SEE INSTRUCTIONS): 2 (a) o (b) þ(1) SEC USE ONLY: 3 SOURCE OF FUNDS (SEE INSTRUCTIONS): 4 WC CHECK IF DISCLOSURE OF LEGAL PROCEEDINGS IS REQUIRED PURSUANT TO ITEMS 2(d) OR 2(e): 5 o CITIZENSHIP OR PLACE OF ORGANIZATION: 6 Delaware **SOLE VOTING POWER:** 7 NUMBER OF 225,989(2) **SHARES** SHARED VOTING POWER: BENEFICIALLY 8 OWNED BY 0

EACH SOLE DISPOSITIVE POWER:

REPORTING 9

PERSON 225,989(2)

WITH SHARED DISPOSITIVE POWER:

10

0

AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON:

11

225,989(2)

CHECK IF THE AGGREGATE AMOUNT IN ROW (11) EXCLUDES CERTAIN SHARES (SEE INSTRUCTIONS):

o

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

13

0.52%(3)

TYPE OF REPORTING PERSON (SEE INSTRUCTIONS):

14

PN

- (1) This Schedule is filed by MPM BioVentures II-QP, L.P. (BVQP), MPM BioVentures II, L.P. (BV), MPM Asset Management Investors 2001 LLC (AM), MPM BioVentures GmbH & Co. Parallel-Beteiligungs KG (KG), MPM Asset Management II, L.P. (AM II) and MPM Asset Management II LLC (AM LLC) (collectively, the MPM Entities). The MPM Entities expressly disclaim status as a group for purposes of this Schedule 13D. (2) Includes warrants to purchase 14,256 shares of common stock exercisable within 60 days of May 14, 2007.
- (3) This percentage is calculated based upon 43,135,791 shares of the Issuer s common stock outstanding (as of May 1, 2007), as set forth in the Issuer s most recent Quarterly Report on Form 10-Q, filed with the Securities and Exchange Commission on May 10, 2007.

OWNED BY

0

22674T 105

NAMES OF REPORTING PERSONS: 1 I.R.S. IDENTIFICATION NOS. OF ABOVE PERSONS (ENTITIES ONLY): MPM Asset Management Investors 2001 LLC CHECK THE APPROPRIATE BOX IF A MEMBER OF A GROUP (SEE INSTRUCTIONS): 2 (a) o (b) þ(1) SEC USE ONLY: 3 SOURCE OF FUNDS (SEE INSTRUCTIONS): 4 WC CHECK IF DISCLOSURE OF LEGAL PROCEEDINGS IS REQUIRED PURSUANT TO ITEMS 2(d) OR 2(e): 5 o CITIZENSHIP OR PLACE OF ORGANIZATION: 6 Delaware **SOLE VOTING POWER:** 7 NUMBER OF 42,523 (2) **SHARES** SHARED VOTING POWER: BENEFICIALLY 8

EACH SOLE DISPOSITIVE POWER:

REPORTING 9

PERSON 42,523 (2)

WITH SHARED DISPOSITIVE POWER:

10

0

AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON:

11

12

42,523 (2)

CHECK IF THE AGGREGATE AMOUNT IN ROW (11) EXCLUDES CERTAIN SHARES (SEE INSTRUCTIONS):

0

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

13

0.10%(3)

TYPE OF REPORTING PERSON (SEE INSTRUCTIONS):

14

00

- (1) This Schedule is filed by MPM BioVentures II-QP, L.P. (BVQP), MPM BioVentures II, L.P. (BV), MPM Asset Management Investors 2001 LLC (AM), MPM BioVentures GmbH & Co. Parallel-Beteiligungs KG (KG), MPM Asset Management II, L.P. (AM II) and MPM Asset Management II LLC (AM LLC) (collectively, the MPM Entities). The MPM Entities expressly disclaim status as a group for purposes of this Schedule 13D. (2) Includes warrants to purchase 2,682 shares of common stock exercisable within 60 days of May 14, 2007.
- (3) This percentage is calculated based upon 43,135,791 shares of the Issuer s common stock outstanding (as of May 1, 2007), as set forth in the Issuer s most recent Quarterly Report on Form 10-Q, filed with the Securities and Exchange Commission on May 10, 2007.

OWNED BY

0

22674T 105

NAMES OF REPORTING PERSONS: 1 I.R.S. IDENTIFICATION NOS. OF ABOVE PERSONS (ENTITIES ONLY): MPM BioVentures GmbH & Co. Parallel-Beteiligungs KG CHECK THE APPROPRIATE BOX IF A MEMBER OF A GROUP (SEE INSTRUCTIONS): 2 (a) o (b) þ(1) SEC USE ONLY: 3 SOURCE OF FUNDS (SEE INSTRUCTIONS): 4 WC CHECK IF DISCLOSURE OF LEGAL PROCEEDINGS IS REQUIRED PURSUANT TO ITEMS 2(d) OR 2(e): 5 o CITIZENSHIP OR PLACE OF ORGANIZATION: 6 Germany **SOLE VOTING POWER:** 7 NUMBER OF 721,098 (2) **SHARES** SHARED VOTING POWER: BENEFICIALLY 8

EACH SOLE DISPOSITIVE POWER:

REPORTING 9

PERSON 721,098 (2)

WITH SHARED DISPOSITIVE POWER:

10

0

AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON:

11

12

721,098 (2)

CHECK IF THE AGGREGATE AMOUNT IN ROW (11) EXCLUDES CERTAIN SHARES (SEE INSTRUCTIONS):

o

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

13

1.67% (3)

TYPE OF REPORTING PERSON (SEE INSTRUCTIONS):

14

PN

- (1) This Schedule is filed by MPM BioVentures II-QP, L.P. (BVQP), MPM BioVentures II, L.P. (BV), MPM Asset Management Investors 2001 LLC (AM), MPM BioVentures GmbH & Co. Parallel-Beteiligungs KG (KG), MPM Asset Management II, L.P. (AM II) and MPM Asset Management II LLC (AM LLC) (collectively, the MPM Entities). The MPM Entities expressly disclaim status as a group for purposes of this Schedule 13D.

 (2) Includes warrants to purchase 45,487 shares of common stock exercisable within 60 days of May 14, 2007.

 (3) This percentage is calculated based upon 43,135,791 shares of the Issuer's common stock outstanding (as of May 1,
- 2007), as set forth in the Issuer s most recent Quarterly Report on Form 10-Q, filed with the Securities and Exchange Commission on May 10, 2007.

OWNED BY

3,037,482 (2)

22674T 105

NAMES OF REPORTING PERSONS: 1 I.R.S. IDENTIFICATION NOS. OF ABOVE PERSONS (ENTITIES ONLY): MPM Asset Management II, L.P. CHECK THE APPROPRIATE BOX IF A MEMBER OF A GROUP (SEE INSTRUCTIONS): 2 (a) o (b) þ(1) SEC USE ONLY: 3 SOURCE OF FUNDS (SEE INSTRUCTIONS): 4 WC CHECK IF DISCLOSURE OF LEGAL PROCEEDINGS IS REQUIRED PURSUANT TO ITEMS 2(d) OR 2(e): 5 o CITIZENSHIP OR PLACE OF ORGANIZATION: 6 Delaware **SOLE VOTING POWER:** 7 NUMBER OF 0 **SHARES** SHARED VOTING POWER: BENEFICIALLY 8

EACH SOLE DISPOSITIVE POWER:

REPORTING 9

PERSON 0

WITH SHARED DISPOSITIVE POWER:

10

3,037,482 (2)

AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON:

11

3,037,482 (2)

CHECK IF THE AGGREGATE AMOUNT IN ROW (11) EXCLUDES CERTAIN SHARES (SEE INSTRUCTIONS):

o

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

13

7.04% (3)

TYPE OF REPORTING PERSON (SEE INSTRUCTIONS):

14

PN

(1) This Schedule is filed by MPM BioVentures II-QP, L.P. (BVQP), MPM BioVentures II, L.P. (BV), MPM Asset Management Investors 2001 LLC (AM), MPM BioVentures GmbH & Co. Parallel-Beteiligungs KG (KG), MPM Asset Management II, L.P. (AM II) and MPM Asset Management II LLC (AM LLC) (collectively, the MPM Entities). The MPM Entities expressly disclaim status as a group for purposes of this Schedule 13D. (2) Includes warrants to purchase 129,181 shares of common stock held by BVQP, warrants to purchase 14,256 shares of common stock held by BV, warrants to purchase 2,682 shares of common stock held by AM and warrants to purchase 45,487 shares of common stock held by KG. Such warrants are exercisable within 60 days of May 14, 2007. (3) This percentage is calculated based upon 43,135,791 shares of the Issuer's common stock outstanding (as of May 1, 2007), as set forth in the Issuer's most recent Quarterly Report on Form 10-Q, filed with the Securities and Exchange Commission on May 10, 2007.

OWNED BY

3,037,482 (2)

22674T 105

NAMES OF REPORTING PERSONS: 1 I.R.S. IDENTIFICATION NOS. OF ABOVE PERSONS (ENTITIES ONLY): MPM Asset Management II LLC CHECK THE APPROPRIATE BOX IF A MEMBER OF A GROUP (SEE INSTRUCTIONS): 2 (a) o (b) þ(1) SEC USE ONLY: 3 SOURCE OF FUNDS (SEE INSTRUCTIONS): 4 WC CHECK IF DISCLOSURE OF LEGAL PROCEEDINGS IS REQUIRED PURSUANT TO ITEMS 2(d) OR 2(e): 5 o CITIZENSHIP OR PLACE OF ORGANIZATION: 6 Delaware **SOLE VOTING POWER:** 7 NUMBER OF 0 **SHARES** SHARED VOTING POWER: BENEFICIALLY 8

EACH SOLE DISPOSITIVE POWER:

REPORTING 9

PERSON 0

WITH SHARED DISPOSITIVE POWER:

10

3,037,482 (2)

AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON:

11

3,037,482 (2)

CHECK IF THE AGGREGATE AMOUNT IN ROW (11) EXCLUDES CERTAIN SHARES (SEE INSTRUCTIONS):

o

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

13

7.04% (3)

TYPE OF REPORTING PERSON (SEE INSTRUCTIONS):

14

00

(1) This Schedule is filed by MPM BioVentures II-QP, L.P. (BVQP), MPM BioVentures II, L.P. (BV), MPM Asset Management Investors 2001 LLC (AM), MPM BioVentures GmbH & Co. Parallel-Beteiligungs KG (KG), MPM Asset Management II, L.P. (AM II) and MPM Asset Management II LLC (AM LLC) (collectively, the MPM Entities). The MPM Entities expressly disclaim status as a group for purposes of this Schedule 13D. (2) Includes warrants to purchase 129,181 shares of common stock held by BVQP, warrants to purchase 14,256 shares of common stock held by BV, warrants to purchase 2,682 shares of common stock held by AM and warrants to purchase 45,487 shares of common stock held by KG. Such warrants are exercisable within 60 days of May 14, 2007. (3) This percentage is calculated based upon 43,135,791 shares of the Issuer's common stock outstanding (as of May 1, 2007), as set forth in the Issuer's most recent Quarterly Report on Form 10-Q, filed with the Securities and Exchange Commission on May 10, 2007.

The following constitutes Amendment No. 2 to Schedule 13D filed by the undersigned (the Schedule 13D/A). This Schedule 13D/A is being filed by the MPM Entities to report the sale of securities beneficially owned by the MPM Entities on May 14, 2007. Accordingly, the number of securities beneficially owned by the MPM Entities has decreased. The Schedule 13D/A is amended as follows and except as otherwise provided herein, all items of the Schedule 13D, as amended, remain unchanged.

Item 4. Purpose of Transaction

Item 4. Purpose of Transaction of the Schedule 13D is hereby amended by adding the following to the end thereof: On May 14, 2007, the MPM Entities sold an aggregate of 1,000,000 shares of the Issuer s Common Stock at an average per share price of \$2.7131 for aggregate proceeds of \$2,713,100. MPM BioVentures II-QP, L.P., MPM BioVentures II, L.P., MPM Asset Management Investors 2001 LLC and MPM BioVentures, GmbH & Co. Parallel-Beteilgungs KG sold 674,200, 74,400, 14,000 and 237,400 shares of the Issuer s Common Stock, respectively.

Item 5. Interest in Securities of the Issuer

Item 5. Interest in Securities of the Issuer is hereby amended and restated in its entirety as follows: The following information with respect to the ownership of the Common Stock of the Issuer by the persons filing this Statement is provided as of May 14, 2007:

	Shares	Warrants	Sole	Shared	Sole	Shared	P	ercentage of
MPM Entity	Held Directly	Held Directly	Voting Power	Voting Power	Dispositive Power	Dispositive Power	Beneficial Ownership	Class (2)
MPM BioVentures	1.010.601	100 101	2.047.072	0	0.047.070	0	2.047.072	4.750
II-QP, L.P. MPM BioVentures II,	1,918,691	129,181	2,047,872	0	2,047,872	0	2,047,872	4.75%
L.P. MPM BioVentures	211,733	14,256	225,989	0	225,989	0	225,989	0.52%
GmbH & Co.								
Parallel-Beteiligungs KG MPM Asset	675,611	45,487	721,098	0	721,098	0	721,098	1.67%
Management II,								
L.P.(1)	0	0	0	3,037,482	0	3,037,482	3,037,482	7.04%
MPM Asset Management II								
LLC(1) MPM Asset	0	0	0	3,037,482	0	3,037,482	3,037,482	7.04%
Management								
Investors 2001 LLC	39,841	2,682	42,523	0	42,523	0	42,523	0.10%

and MPM Asset
Management II LLC
own no securities of
the Issuer directly.

Management II, L.P.

(1) MPM Asset

the Issuer direct MPM Asset

Management II, L.P.

and MPM Asset

Management II LLC

are the direct and

indirect general partners of MPM BioVentures II-QP, L.P., MPM BioVentures II, L.P. and MPM BioVentures GmbH & Co. Parallel-Beteiligungs KG.

(2) These percentages are calculated based upon 43,135,791 shares of the Issuer s common stock outstanding (as of May 1, 2007), as set forth in the Issuer s most recent Quarterly Report on Form 10-Q, filed with the Securities and Exchange Commission on May 10, 2007.

Item 7. Material to Be Filed as Exhibits

A. Agreement regarding filing of joint Schedule 13D/A.

SIGNATURES

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: May 22, 2007

MPM BioVentures II-QP, L.P.

By: MPM Asset Management II, L.P.,

its General Partner

By: MPM Asset Management II LLC,

its General Partner

By: /s/ Luke Evnin

Name:

Luke Evnin

Title: Investment Manager

MPM BioVentures II, L.P.

By: MPM Asset Management II, L.P.,

its General Partner

By: MPM Asset Management II LLC,

its General Partner

By: /s/ Luke Evnin

Name:

Luke Evnin

Title: Investment Manager

MPM Asset Management Investors 2001 LLC

By: /s/ Luke Evnin

Name:

Luke Evnin

Title: Investment Manager

MPM BioVentures GmbH & Co. Parallel-Beteiligungs KG

By: MPM Asset Management II, L.P.,

in its capacity as its Special Limited Partner

By: MPM Asset Management II LLC,

its General Partner

By: /s/ Luke Evnin

Name:

Luke Evnin

Title: Investment Manager

MPM Asset Management II, L.P.

By: MPM Asset Management II LLC,

its General Partner

By: /s/ Luke Evnin

Name:

Luke Evnin

Title: Investment Manager

MPM Asset Management II LLC

By: /s/ Luke Evnin

Name:

Luke Evnin

Title: Investment Manager

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.

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

SCHEDULE I

General Partners/Members:

Luke Evnin

c/o MPM Asset Management

The John Hancock Tower

200 Clarendon Street, 54^{4h} Floor

Boston, Massachusetts 02116

Principal Occupation: Member of the general partners of MPM BioVentures II-QP, L.P., MPM BioVentures II, L.P.,

MPM Asset Management Investors 2001 LLC, and MPM BioVentures GmbH & Co. Parallel-Beteiligungs KG

Citizenship: USA Ansbert Gadicke

c/o MPM Asset Management

The John Hancock Tower

200 Clarendon Street, 54^{4h} Floor

Boston, Massachusetts 02116

Principal Occupation: Member of the general partners of MPM BioVentures II-QP, L.P., MPM BioVentures II, L.P.,

MPM Asset Management Investors 2001 LLC, and MPM BioVentures GmbH & Co. Parallel-Beteiligungs KG

Citizenship: USA Nikolas Galakatos

c/o MPM Asset Management

The John Hancock Tower

200 Clarendon Street, 54^{4h} Floor

Boston, Massachusetts 02116

Principal Occupation: Member of the general partners of MPM BioVentures II-QP, L.P., MPM BioVentures II, L.P.,

MPM Asset Management Investors 2001 LLC, and MPM BioVentures GmbH & Co. Parallel-Beteiligungs KG

Citizenship: USA Michael Steinmetz

c/o MPM Asset Management

The John Hancock Tower

200 Clarendon Street, 54^{4h} Floor

Boston, Massachusetts 02116

Principal Occupation: Member of the general partners of MPM BioVentures II-QP, L.P., MPM BioVentures II, L.P.,

MPM Asset Management Investors 2001 LLC, and MPM BioVentures GmbH & Co. Parallel-Beteiligungs KG

Citizenship: USA Kurt Wheeler

c/o MPM Asset Management

e/o wii wi Asset wanagemen

The John Hancock Tower

200 Clarendon Street, 54^{4h} Floor

Boston, Massachusetts 02116

Principal Occupation: Member of the general partners of MPM BioVentures II-QP, L.P., MPM BioVentures II, L.P.,

MPM Asset Management Investors 2001 LLC, and MPM BioVentures GmbH & Co. Parallel-Beteiligungs KG

Citizenship: USA

EXHIBIT INDEX

A. Agreement regarding filing of joint Schedule 13D/A.

Exhibit A

JOINT FILING STATEMENT

I, the undersigned, hereby express my agreement that the attached amendment No. 2 to Schedule 13D (and any amendments thereto) relating to the common stock of Critical Therapeutics, Inc. is filed on behalf of each of the undersigned.

Date: May 22, 2007

MPM BioVentures II-QP, L.P.

By: MPM Asset Management II, L.P.,

its General Partner

By: