MAP Pharmaceuticals, Inc. Form SC 13G/A February 16, 2010

UNITED STATES 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) (Amendment No. 1)*

MAP PHARMACEUTICALS, INC.

(Name of Issuer)

COMMON STOCK, PAR VALUE \$0.01 PER SHARE

(Title of Class of Securities)

565 09R108

(CUSIP Number)

DECEMBER 31, 2009

(Date of Event Which Requires Filing of this Statement)

Check the appropriate box to designate the rule pursuant to which this Schedule is filed:

- o Rule 13d-1(b)
- o Rule 13d-1(c)
- x 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).

CUSIP No. 565 09R108

1.	Name of Reporting Persons
	Skyline Expansion Fund, L.P.

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

a)

(b) x (1)

- 3. SEC Use Only
- 4. Citizenship or Place of Organization Delaware, United States of America

5. Sole Voting Power Number of Shares 6. Shared Voting Power Beneficially 2,057,178 (2) Owned by Each 7. Sole Dispositive Power Reporting Person With: 8. Shared Dispositive Power 2.057,178 (2)

- 9. Aggregate Amount Beneficially Owned by Each Reporting Person 2,057,178 (2)
- 10. Check if the Aggregate Amount in Row (11) Excludes Certain Shares (See Instructions) o
- 11. Percent of Class Represented by Amount in Row (11) 8.4% (3)
- 12. Type of Reporting Person (See Instructions)
 PN

⁽²⁾ Includes: (i) 45,980 shares held by Skyline Venture Partners III, L.P.; (ii) 1,846,909 shares held by Skyline Venture Partners Qualified Purchaser Fund III, L.P.; and (iii) 164,289 shares held by Skyline Expansion Fund, L.P. Skyline Venture Management III, LLC is the sole general partner of Skyline Venture Partners Qualified Purchaser Fund III, L.P and Skyline Venture Partners III, L.P. Skyline Venture Management III, LLC is also the managing member of Skyline Expansion Fund Management, LLC, which is the sole general partner of Skyline Expansion Fund, L.P. John G. Freund and Yasunori Kaneko are managing directors of Skyline Venture Management III, LLC and share voting and dispositive power over the shares held by the Skyline Entities; however, they disclaim beneficial ownership of the shares held by these entities, except to the extent of their pecuniary interests therein.

⁽³⁾ This percentage is calculated based upon 24,494,925 shares of the Issuer s common stock outstanding (as of November 2, 2009), as set forth in the Issuers most recent 10-Q, filed with the Securities and Exchange Commission on November 6, 2009.

CUSIP No. 565 09R108

1.	Name of Reporting Persons
	Skyline Expansion Fund Management, LLC

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

(a) o (b) x (1)

- 3. SEC Use Only
- Citizenship or Place of Organization Delaware, United States of America

c D

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CUSIP No. 565 09R108

1.	Name of Reporting Persons
	Skyline Venture Partners III, L.P.

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

(a) o (b) x (1)

- 3. SEC Use Only
- Citizenship or Place of Organization Delaware. United States of America

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CUSIP No. 565 09R108

1.	Name of Reporting Persons
	Skyline Venture Partners Qualified Purchaser Fund III, L.P.

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

(a) o (b) x (1)

- 3. SEC Use Only
- Citizenship or Place of Organization Delaware. United States of America

5. Sole Voting Power Number of Shares 6. Shared Voting Power Beneficially 2,057,178 (2) Owned by Each 7. Sole Dispositive Power Reporting Person With: 8. Shared Dispositive Power 2.057,178 (2)

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CUSIP No. 565 09R108

1.

2.	Check the Appropriate Box if a (a) (b)	a Member of a Group (See I o x (1)	Instructions)	
3.	SEC Use Only			
4.	Citizenship or Place of Organization Delaware, United States of America			
	5.		Sole Voting Power 0	
Number of Shares Beneficially Owned by Each Reporting	6. 7.		Shared Voting Power 2,057,178 (2) Sole Dispositive Power 0	
Person With:				

- 9. Aggregate Amount Beneficially Owned by Each Reporting Person 2,057,178 (2)
- 10. Check if the Aggregate Amount in Row (11) Excludes Certain Shares (See Instructions) o
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- 12. Type of Reporting Person (See Instructions)

8.

Name of Reporting Persons

Skyline Venture Management III, LLC

Shared Dispositive Power

2.057,178 (2)

⁽¹⁾ This Schedule 13G is filed by Skyline Expansion Fund, L.P., Skyline Expansion Fund Management, LLC, Skyline Venture Partners III, L.P., Skyline Venture Partners Qualified Purchaser Fund III, L.P., Skyline Venture Management III, LLC, John G. Freund and Yasunori Kaneko (collectively, the Skyline Entities). The Skyline Entities expressly disclaim status as a group for purposes of this Schedule 13G.

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CUSIP No. 565 09R108

1.

12.

Name of Reporting Persons

1.	John G. Freund		
2.	Check the Appropriate Box (a) (b)	if a Member of a Group (Sec o x (1)	e Instructions)
3.	SEC Use Only		
4.	Citizenship or Place of Orga California, United States of		
Number of	5.		Sole Voting Power 0
Shares Beneficially Owned by	6.		Shared Voting Power 2,057,178 (2)
Each Reporting Person With:	7.		Sole Dispositive Power 0
	8.		Shared Dispositive Power 2,057,178 (2)
9.	Aggregate Amount Benefici 2,057,178 (2)	ially Owned by Each Report	ing Person
10.	Check if the Aggregate Amo	ount in Row (11) Excludes C	Certain Shares (See Instructions) o
11.	Percent of Class Represente 8.4% (3)	d by Amount in Row (11)	

Type of Reporting Person (See Instructions)

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CUSIP No. 565 09R108

1.

2.	Check the Appropria	Check the Appropriate Box if a Member of a Group (See Instructions)				
	(a) (b)	o x (1)	•			
3.	SEC Use Only					
4.	_	Citizenship or Place of Organization California, United States of America				
Number of	5.		Sole Voting Power 0			
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 IN

Name of Reporting Persons

Yasunori Kaneko

⁽¹⁾ This Schedule 13G is filed by Skyline Expansion Fund, L.P., Skyline Expansion Fund Management, LLC, Skyline Venture Partners III, L.P., Skyline Venture Partners Qualified Purchaser Fund III, L.P., Skyline Venture Management III, LLC, John G. Freund and Yasunori Kaneko (collectively, the Skyline Entities). The Skyline Entities expressly disclaim status as a group for purposes of this Schedule 13G.

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CUSIP No. 565 09R108

Introductory Note: This Statement on Schedule 13G is filed on behalf of Skyline Expansion Fund, L.P., a limited partnership organized under the laws of the State of Delaware (Expansion Fund), Skyline Expansion Fund Management, LLC, a limited liability company organized under the laws of the State of Delaware (Expansion Management), Skyline Venture Partners III, L.P., a limited partnership organized under the laws of the State of Delaware (Venture Partners Fund III), Skyline Venture Partners Qualified Purchaser Fund III, L.P., a limited partnership organized under the laws of the State of Delaware (Venture Partners QP Fund III), Skyline Venture Management III, LLC, a limited liability company organized under the laws of the State of Delaware (Venture Management III), John G. Freund (Freund) and Yasunori Kaneko (Kaneko , and collectively with Expansion Fund, Expansion Management, Venture Partners Fund III, Venture Partners QP Fund III, Venture Management III and Freund, the Skyline Entities) in respect of shares of Common Stock of MAP Pharmaceuticals, Inc.

Item 1 (a) Name of Issuer

MAP Pharmaceuticals, Inc.

Item 1 (b)

Address of Issuer s Principal Executive Offices

2400 Bayshore Parkway, Suite 200

Mountain View, CA 94043

Item 2 (a) Name of Person Filing
Skyline Expansion Fund, L.P.

Skyline Expansion Fund Management, LLC

Skyline Venture Partners III, L.P.

Skyline Venture Partners Qualified Purchaser Fund III, L.P.

Skyline Venture Management III, LLC

John G. Freund

Yasunori Kaneko

Address of Principal Business Office or, if none, Residence

525 University Avenue, Suite 520

Palo Alto, CA 94301

Citizenship

Each of Expansion Fund, Venture Partners Fund III and Venture Partners QP Fund III are limited partnerships organized in the State of Delaware. Expansion Management and Management III are limited liability companies organized in the State of Delaware. Each of Freund and

Kaneko are individuals residing in California.

Title of Class of Securities

Common Stock CUSIP Number 565 09R108

Item 2 (d)

Item 2 (b)

Item 2 (c)

Item 2 (e)

Item 3

Not applicable.

Item 4 Ownership

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		Sole	Shared	Sole	Shared		
Skyline Entity	Shares Held Directly	Voting Power	Voting Power	Dispositive Power	Dispositive Power	Beneficial Ownership	Percentage of Class
Skyline Expansion							
Fund, L.P.	164,289	0	2,057,178	0	2,057,178	2,057,178	8.4%
Skyline Expansion							
Fund Management,							
LLC	0	0	2,057,178	0	2,057,178	2,057,178	8.4%
Skyline Venture							
Partners III, L.P.	45,980	0	2,057,178	0	2,057,178	2,057,178	8.4%
Skyline Venture							
Partners Qualified							
Purchaser Fund III, L.P.	1,846,909	0	2,057,178	0	2,057,178	2,057,178	8.4%
Skyline Venture							
Management III, LLC	0	0	2,057,178	0	2,057,178	2,057,178	8.4%
John G. Freund	0	0	2,057,178	0	2,057,178	2,057,178	8.4%
Yasunori Kaneko	0	0	2,057,178	0	2,057,178	2,057,178	8.4%

CUSIP No. 565 09R108

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 o.

Item 6 Ownership of More than Five Percent 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

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.

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CUSIP No. 565 09R108

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 12, 2010 SKYLINE EXPANSION FUND, L.P.

BY: SKYLINE EXPANSION FUND MANAGEMENT,

LLC

ITS: GENERAL PARTNER

BY: SKYLINE VENTURE MANAGEMENT III, LLC

ITS: MANAGING MEMBER

By: /s/ John G. Freund

John G. Freund Managing Director

February 12, 2010 SKYLINE EXPANSION FUND MANAGEMENT, LLC

BY: SKYLINE VENTURE MANAGEMENT III, LLC

ITS: MANAGING MEMBER

By: /s/ John G. Freund

John G. Freund Managing Director

February 12, 2010 SKYLINE VENTURE PARTNERS III, L.P.

BY: SKYLINE VENTURE MANAGEMENT III, LLC

ITS: GENERAL PARTNER

By: /s/ John G. Freund

John G. Freund Managing Director

February 12, 2010 SKYLINE VENTURE PARTNERS QUALIFIED PURCHASER FUND III, L.P.

BY: SKYLINE VENTURE MANAGEMENT III, LLC

ITS: GENERAL PARTNER

By: /s/ John G. Freund

John G. Freund Managing Director

February 12, 2010

By:

SKYLINE VENTURE MANAGEMENT III, LLC

By:

Sky John G. Freund
John G. Freund
Managing Member

By:

Sky John G. Freund

EXHIBIT INDEX

Exhibit No.

Agreement pursuant to 13d-1(k)(1) among Skyline Expansion Fund, L.P., Skyline Expansion Fund Management LLC, Skyline Venture Partners III, L.P., Skyline Venture Partners Qualified Purchaser Fund III, L.P., Skyline Venture Management III, LLC, John G. Freund and Yasunori Kaneko.

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