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

SCHEDULE 13G/A

Under the Securities Exchange Act of 1934 (Amendment No. 3)

		Acadia Pharmaceuticals Inc. (Name of Issuer)			
		Common Stock (Title of Class of Sequenties)			
		(Title of Class of Securities)			
		0042251084			
		(CUSIP Number)			
		December 31, 2009			
		(Date of Event which Requires Filing of this Statement)			
Check the app		gnate the rule pursuant to which this Schedule is filed:			
0	Rule 13d-1(b)				
X	Rule 13d-1(c)				
0	Rule 13d-1(d)				
*The remaind	ler of this cover page	e shall be filled out for a reporting person's initial filing on this form with respect to the subject class of securities, and for			
		ining information which would alter disclosures provided in a prior cover page.			
The informati	on required on the r	eminder of this cover page shall not be deemed to be "filed" for the purpose of Section 18 of the Securities Exchange Act of			
		to the liabilities of that section of the Act but shall be subject to all other provisions of the Act (however, see the Notes).			
CLICID N. (00.42251.00.4				
CUSIP No. 0	0042251084				
1	Name of Reporting Person Sepracor Inc.				
	S.S. or I.R.S. Identification No. of Above Person 22-2536587				
2	Check the Appropriate Box if a Member of a Group				
	(a) o				
	(b) o				
	<u> </u>				
3	SEC Use Only				
5	<u> </u>				
4	Citizenship or Place of Organization				
-	Delaware				
Number of	5	Sole Voting Power			
Shares		1,890,422			
Beneficially Owned by					
Reporting	6	Shared Voting Power			
Person With		0			

	7	Sole Dispositive Power 1,890,422		
	8	Shared Dispositive Power 0		
9	Aggregate Amount Beneficially Owned by Reporting Person 1,890,422			
10	Check Box if the Aggregate Amount in Row (9) Excludes Certain Shares o			
11	Percent of Class Represented by Amount in Row (9) 4.9%			
12	Type of Reporting Person CO			
		2		
CUSIP No. 0	0042251084			
1	Name of Reporting Person Dainippon Sumitomo Pharma America Holdings, Inc.			
	S.S. or I.R.S. Identification No. of Above Person 27-0534130			
2	Check the Appropriate Box if a Member of a Group			
	(a) (a)			
	(b) c			
3	SEC Use Only			
4	Citizenship or Place of Organization Delaware			
	5	Sole Voting Power 1,890,422		
N. 1. C	6	Shared Voting Power		
Number of Shares Beneficially		0		
Owned by Reporting Person With	7	Sole Dispositive Power 1,890,422		
	8	Shared Dispositive Power 0		
9	Aggregate Amount Beneficially Owned by Reporting Person 1,890,422			
10	Check Box if the Aggregate Amount in Row (9) Excludes Certain Shares o			
11				
11	Percent of Class Represented by Amount in Row (9) 4.9%			

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1 Name of Reporting Person Dainippon Sumitomo Pharma Co. Ltd.

> S.S. or I.R.S. Identification No. of Above Person Not Applicable

- 2 Check the Appropriate Box if a Member of a Group
 - (a)
 - (b)
- 3 SEC Use Only
- Citizenship or Place of Organization 4 Osaka, Japan
 - 5 Sole Voting Power 1,890,422

Number of Shares Beneficially Owned by Reporting Person With 6 Shared Voting Power

0

Sole Dispositive Power

1,890,422

Shared Dispositive Power 8

9 Aggregate Amount Beneficially Owned by Reporting Person 1,890,422

- 10 Check Box if the Aggregate Amount in Row (9) Excludes Certain Shares o
- Percent of Class Represented by Amount in Row (9) 11 4.9%
- 12 Type of Reporting Person CO

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Amendment No. 2 to Schedule 13G

Item 1

- Name of Issuer (a)
 - Acadia Pharmaceuticals Inc. (the "Issuer")
- (b) Address of Issuer's Principal Executive Office

T			n
-1	TP	m	/

(a) Names of Persons Filing

This Statement is being filed on behalf of each of the following persons collectively, the "Reporting Persons"):

- (i) Sepracor Inc.
- (ii) Dainippon Sumitomo Pharma America Holdings, Inc.
- (iii) Dainippon Sumitomo Pharma Co., Ltd.
- (b) Address of Principal Business Office

The address of the principal business offices of the Reporting Persons is:

Sepracor Inc. 84 Waterford Drive

Marlborough, MA 01752

Dainippon Sumitomo Pharma America Holdings, Inc.

One Bridge Plaza, Suite 510

Fort Lee, New Jersey 07024

Dainippon Sumitomo Pharma Co., Ltd.

6-8 Doshomachi 2-Chrome

Chu-Ku, Osaka 541-0045

Japan

- (c) Citizenship
 - (i) a Delaware corporation
 - (ii) a Delaware corporation
 - (iii) organized under the laws of Japan
- (d) Title of Class of Securities

Common Stock, par value \$0.0001 per share (the "Common Stock")

(e) CUSIP Number

0042251084

Item 3 This statement is not being filed pursuant to either Rule 13d-1(b) or 13d-2(b) or (c).

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CUSIP No. 0042251084

Item 4 Ownership

- (a) Amount Beneficially owned: 1,890,422 shares of Common Stock
- (b) Percent of class:

4.9%

- (c) Number of Shares as to which each of the Reporting persons has:
 - (i) Sole power to vote or to direct the vote 1,890,422 shares of Common Stock
 - (ii) Shared power to vote or to direct the vote

		0 shares		
	(iii)	Sole power to dispose or direct the disposition of		
		1,890,422 shares of Common Stock		
	(iv)	shared power to dispose or to direct the disposition of 0 shares		
Item 5	Ownership (of Five Percent or Less of a Class		
		ent is being filed to report the fact that as of the date hereof the reporting persons have ceased to be the beneficial owners of repercent of the class of securities, check the following x.		
Item 6	Ownership of More than Five Percent on Behalf of Another Person Not applicable.			
Item 7	Identification and Classification of Subsidiary Which Acquired the Security Being Reported on By the Parent Holding Company or Control Person Not applicable			
T. 0				
Item 8	Identification and Classification of Members of the Group Not applicable			
Item 9	Notice of Dissolution of Group			
	Not applicab	le.		
		6		
Item 10	Contification			
item 10	Certification 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.			
		SIGNATURES		
each other of	f the attached sta	Rule 13(d)-1(k)(1) under the Securities Exchange Act of 1934, as amended, the undersigned hereby agree to the joint filing with tement on Schedule 13G and to all amendments to such statement. After reasonable inquiry and to the best of my knowledge afformation set forth in this statement is true, complete and correct.		
Dated: May	11, 2010	SEPRACOR INC.		
		By: /s/ Mark Iwicki Name: Mark Iwicki Title: President and Chief Operating Officer		
Dated: May	11, 2010	DAINIPPON SUMITOMO PHARMA AMERICA HOLDINGS, INC.		
		By: /s/ Nobuhiko Tamura Name: Nobuhiko Tamura Title: President		
Dated: May	11, 2010	DAINIPPON SUMITOMO PHARMA CO., LTD.		
		By: /s/ Hiroshi Nomura Name: Hiroshi Nomura		

Name: Hiroshi Nomura Title: Executive Officer