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

SCHEDULE 13G/A

Under the Securities Exchange Act of 1934 (Amendment No. 1)*

AMICUS THERAPEUTICS, INC.			
	(Name of Issuer)		
	COMMON STOCK, PAR VALUE \$0.01		
	(Title of Class of Securities)		
	03152W 10 9		
	(CUSIP Number)		
	December 31, 2008		
(D	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)			

* 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. 03152W 10	9	1	3G/A	Page 2 of 13 Pages
1. NAMES OF REPORTING		OVE PERSONS (ENTITIES ONL	Y)	
FHM IV, L.P.				
2. CHECK THE AP (a) □ (b) ⊠	PROPRIATE BOX IF A	A MEMBER OF A GROUP (SEE	INSTRUCTIONS)	
3. SEC USE ONLY				
4. CITIZENSHIP OI	R PLACE OF ORGAN	IZATION		
Delaware				
NUMBER OF SHARES BENEFICIALLY OWNED BY EACH REPORTING PERSON WITH	5. SOLE VOTING	POWER 0		
	6. SHARED VOTI	ING POWER 2,600,014		
	7. SOLE DISPOSI	TIVE POWER 0		
	8. SHARED DISP	OSITIVE POWER 2,600,014		
9. AGGREGATE AN	MOUNT BENEFICIAL	LLY OWNED BY EACH REPOR	ΓING PERSON	
2,600,014				
10. CHECK BOX IF	THE AGGREGATE A	MOUNT IN ROW (9) EXCLUDE	S CERTAIN SHARES (SEE INSTRUCTIONS)	
11. PERCENT OF CI	ASS REPRESENTED	BY AMOUNT IN ROW 9		
11.5%*				
12. TYPE OF REPOR	RTING PERSON (SEE	INSTRUCTIONS)		
PN				

All percentage ownership reported in this Schedule 13G/A is based on 22,575,392 shares of Common Stock, par value \$.01 per share ("Common Stock"), outstanding as of October 27, 2008, as reported by the Issuer (as defined below) in its Quarterly Report on Form 10-Q, filed with the Securities and

Exchange Commission on November 4, 2008.

CUSIP No. 03152W 1	0 9	13G/A	Page 3 of 13 Pages
1. NAMES OF REI	PORTING PERSONS CATION NOS. OF ABOVE PERSONS (ENTI	TIES ONLY)	
FRAZIER H	EALTHCARE IV, L.P.		
2. CHECK THE AF (a) □ (b) ⊠	PROPRIATE BOX IF A MEMBER OF A GR	OUP (SEE INSTRUCTIONS)	
3. SEC USE ONLY			
4. CITIZENSHIP C	R PLACE OF ORGANIZATION		
Delaware			
NUMBER OF SHARES	5. SOLE VOTING POWER 0		
BENEFICIALLY OWNED BY	6. SHARED VOTING POWER 2,586 ,	886	
EACH REPORTING	7. SOLE DISPOSITIVE POWER $ oldsymbol{0} $		
PERSON WITH	8. SHARED DISPOSITIVE POWER 2	586,886	
9. AGGREGATE A	MOUNT BENEFICIALLY OWNED BY EAC	H REPORTING PERSON	
2,586,886			
10. CHECK BOX IF	THE AGGREGATE AMOUNT IN ROW (9) I	EXCLUDES CERTAIN SHARES (SEE INSTRUCTIONS)	
11. PERCENT OF C	LASS REPRESENTED BY AMOUNT IN RO	w 9	
11.5%			
12. TYPE OF REPO	RTING PERSON (SEE INSTRUCTIONS)		
PN			

FHM IV, L.L.C.	NG PERSONS IN NOS. OF ABOVE PERSONS (ENTITIES ONLY) RIATE BOX IF A MEMBER OF A GROUP (SEE INSTRUCTIONS)	
2. CHECK THE APPROP (a) □ (b) ⊠	RIATE BOX IF A MEMBER OF A GROUP (SEE INSTRUCTIONS)	
(a) □ (b) ⊠	Table Born in Melabert of it droof (dee indirections)	
3. SEC USE ONLY		
4. CITIZENSHIP OR PLA	CE OF ORGANIZATION	
Delaware		
NUMBER OF 5. SHARES	SOLE VOTING POWER 0	
BENEFICIALLY 6. OWNED BY	SHARED VOTING POWER 2,600,014	
REPORTING	SOLE DISPOSITIVE POWER 0	
PERSON 8. WITH	SHARED DISPOSITIVE POWER 2,600,014	
9. AGGREGATE AMOU	NT BENEFICIALLY OWNED BY EACH REPORTING PERSON	
2,600,014		
10. CHECK BOX IF THE A	AGGREGATE AMOUNT IN ROW (9) EXCLUDES CERTAIN SHARES (SEE INSTRUCTIONS)	
11. PERCENT OF CLASS	REPRESENTED BY AMOUNT IN ROW 9	
11.5%		
	PERSON (SEE INSTRUCTIONS)	
00		

CUSIP No. 03152W 1	9 13G/A	Page 5 of 13 Pages
1. NAMES OF REF		
I.R.S. IDENTIFI	CATION NOS. OF ABOVE PERSONS (ENTITIES ONLY)	
FHM V, L.P.		
	PROPRIATE BOX IF A MEMBER OF A GROUP (SEE INSTRUCTION	ONS)
(a) □ (b) ⊠		
3. SEC USE ONLY		
4. CITIZENSHIP O	R PLACE OF ORGANIZATION	
Delaware		
NUMBER OF	5. SOLE VOTING POWER 0	
SHARES	6. SHARED VOTING POWER 920,664	
BENEFICIALLY OWNED BY	6. SHARED VOTING POWER 920,004	
EACH	7. SOLE DISPOSITIVE POWER 0	
REPORTING PERSON	8. SHARED DISPOSITIVE POWER 920,664	
WITH		
9. AGGREGATE A	MOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSO	N
920,664		
10. CHECK BOX IF	THE AGGREGATE AMOUNT IN ROW (9) EXCLUDES CERTAIN	SHARES (SEE INSTRUCTIONS)
44 DEDCEME OF C	ACC DEPOSITION DAY AN OUTST BY DOLL O	
II. PERCENT OF C	ASS REPRESENTED BY AMOUNT IN ROW 9	
4.1%		
12. TYPE OF REPO	RTING PERSON (SEE INSTRUCTIONS)	
PN		

CUSIP No. 03152W 1	0 9	13G/A	Page 6 of 13 Pages
1. NAMES OF REP		ONG (ENTERING ONLY)	
I.R.S. IDENTIFIC	CATION NOS. OF ABOVE PERS	ONS (ENTITIES ONLY)	
	EALTHCARE V, L.P.	D. O. L. OD OVD. (ODE WOODLY)	
(a) □ (b) ⊠	PROPRIATE BOX IF A MEMBE	R OF A GROUP (SEE INSTRUCTIONS)	
3. SEC USE ONLY			
4. CITIZENSHIP O	R PLACE OF ORGANIZATION		
Delaware			
NUMBER OF SHARES	5. SOLE VOTING POWER	0	
BENEFICIALLY OWNED BY	6. SHARED VOTING POWE	ER 920,664	
EACH REPORTING	7. SOLE DISPOSITIVE POW	ver 0	
PERSON WITH	8. SHARED DISPOSITIVE P	POWER 920,664	
9. AGGREGATE A	MOUNT BENEFICIALLY OWNE	ED BY EACH REPORTING PERSON	
920,664			
10. CHECK BOX IF	THE AGGREGATE AMOUNT IN	N ROW (9) EXCLUDES CERTAIN SHARES (SEE INSTRUCTIONS)	
11. PERCENT OF C	LASS REPRESENTED BY AMO	UNT IN ROW 9	
4.1%			
12. TYPE OF REPO	RTING PERSON (SEE INSTRUC	TIONS)	
PN			
			-

CUSIP No. 03152W 1	0 9	G/A	Page 7 of 13 Pages
	PORTING PERSONS CATION NOS. OF ABOVE PERSONS (ENTITIES ONLY)		
FHM V, L.L.	С.		
	PROPRIATE BOX IF A MEMBER OF A GROUP (SEE IN	STRUCTIONS)	
3. SEC USE ONLY			
4. CITIZENSHIP O	R PLACE OF ORGANIZATION		
Delaware			
NUMBER OF SHARES	5. SOLE VOTING POWER 0		
BENEFICIALLY OWNED BY	6. SHARED VOTING POWER 920,664		
EACH REPORTING	7. SOLE DISPOSITIVE POWER 0		
PERSON WITH	8. SHARED DISPOSITIVE POWER 920,664		
9. AGGREGATE A	MOUNT BENEFICIALLY OWNED BY EACH REPORTIN	NG PERSON	
920,664			
10. CHECK BOX II	THE AGGREGATE AMOUNT IN ROW (9) EXCLUDES (CERTAIN SHARES (SEE INSTRUCTIONS)	
11. PERCENT OF C	LASS REPRESENTED BY AMOUNT IN ROW 9		
4.1%			
12. TYPE OF REPO	RTING PERSON (SEE INSTRUCTIONS)		
00			

Item 1(a). Name of Issuer:

AMICUS THERAPEUTICS, INC. (the "Issuer")

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

6 Cedar Brook Drive Cranbury, NJ 08512

Item 2(a). Name of Person Filing:

This Schedule 13G/A is being jointly filed by:

- (i) FHM IV, L.L.C., a Delaware limited liability company ("FHM IV, L.L.C."), with respect to the shares of Common Stock of the Issuer held by Frazier Healthcare IV, L.P. ("FH IV") and Frazier Affiliates IV, L.P. ("FA IV"). FHM IV, L.L.C. is the general partner of FHM IV, L.P. ("FHM IV"), which is the general partner of each of FH IV and FA IV. FHM IV, L.L.C. may be deemed to beneficially own the securities held by each of FH IV and FA IV.
- (ii) FHM IV with respect to shares of Common Stock of the Issuer held by each of FH IV and FA IV. FHM IV is the general partner of each of FH IV and FA IV and may be deemed to beneficially own the securities held by each of FH IV and FA IV.
- (iii) FH IV with respect to shares of Common Stock of the Issuer that it holds directly.
- (iv) FHM V, L.L.C., a Delaware limited liability company ("FHM V, L.L.C."), with respect to the shares of Common Stock of the Issuer held by Frazier Healthcare V, L.P. ("FH V"). FHM V, L.L.C. is the general partner of FHM V, L.P. ("FHM V"), which is the general partner of FH V. FHM V, L.L.C. may be deemed to beneficially own the securities held by FH V.
- (v) FHM V with respect to shares of Common Stock of the Issuer held by FH V. FHM V is the general partner of FH V and may be deemed to beneficially own the securities held by FH V.
- (vi) FH V with respect to shares of Common Stock of the Issuer that it holds directly.

Item 2(b). Address of Principal Business Office or, if None, Residence:

Address for FHM IV, L.L.C.; FH IV; and FHM IV; FH V; FHM V; and FHM V, L.L.C.:

601 Union Street, Suite 3200 Seattle, WA 98101

Item 2(c). Citizenship:

FHM IV, L.L.C.—Delaware FHM IV—Delaware FH IV—Delaware FH V—Delaware FHM V—Delaware FHM V, L.L.C.—Delaware

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

Common Stock, \$0.01 par value per share

Item 2(e). CUSIP Number:

03152W 10 9

Item 3. Not applicable.

Item 4. Ownership.

Please provide the following information regarding the aggregate number and percentage of the class of the securities of the issuer identified in Item 1.

FHM IV

- (a) Amount beneficially owned: 2,600,014
- (b) Percent of class: 11.5%
- (c) Number of shares as to which person has:
 - (i) Sole power to vote or to direct the vote: 0
 - (ii) Shared power to vote or to direct the vote: 2,600,014
 - (iii) Sole power to dispose or to direct the disposition of: 0
 - (iv) Shared power to dispose or to direct the disposition of: 2,600,014

FH IV

- (a) Amount beneficially owned: 2,586,886
- (b) Percent of class: 11.5%
- (c) Number of shares as to which person has:
 - (i) Sole power to vote or to direct the vote: 0
 - (ii) Shared power to vote or to direct the vote: 2,586,886
 - (iii) Sole power to dispose or to direct the disposition of: 0
 - (iv) Shared power to dispose or to direct the disposition of: 2,586,886

FHM IV, L.L.C.

- (a) Amount beneficially owned: 2,600,014
- (b) Percent of class: 11.5%
- (c) Number of shares as to which person has:
 - (i) Sole power to vote or to direct the vote: 0
 - (ii) Shared power to vote or to direct the vote: 2,600,014
 - (iii) Sole power to dispose or to direct the disposition of: 0
 - (iv) Shared power to dispose or to direct the disposition of: 2,600,014

FHM V

- (a) Amount beneficially owned: 920,664
- (b) Percent of class: 4.1%
- (c) Number of shares as to which person has:
 - (i) Sole power to vote or to direct the vote: 0
 - (ii) Shared power to vote or to direct the vote: 920,664
 - (iii) Sole power to dispose or to direct the disposition of : 0
 - (iv) Shared power to dispose or to direct the disposition of: 920,664

FH V

- (a) Amount beneficially owned: 920,664
- (b) Percent of class: 4.1%
- (c) Number of shares as to which person has:
 - (i) Sole power to vote or to direct the vote: 0
 - (ii) Shared power to vote or to direct the vote: 920,664
 - (iii) Sole power to dispose or to direct the disposition of : 0
 - (iv) Shared power to dispose or to direct the disposition of: 920,664

FHM V, L.L.C.

- (a) Amount beneficially owned: 920,664
- (b) Percent of class: 4.1%
- (c) Number of shares as to which person has:
 - (i) Sole power to vote or to direct the vote: 0
 - (ii) Shared power to vote or to direct the vote: 920,664
 - (iii) Sole power to dispose or to direct the disposition of : 0
 - (iv) Shared power to dispose or to direct the disposition of: 920,664



Item 6. Ownership of More than Five Percent on Behalf of Another Person.

See Item 2(a) and 4.

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.

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.

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 17, 2009 Date FHM IV, L.L.C. /s/ Thomas S. Hodge By: Thomas S. Hodge, Chief Operating Officer FHM IV, L.P. By: FHM IV, L.L.C., its General Partner /s/ Thomas S. Hodge Thomas S. Hodge, Chief Operating Officer FRAZIER HEALTHCARE IV, L.P. By: FHM IV, L.P., its General Partner By: FHM IV, L.L.C., its General Partner /s/ Thomas S. Hodge Thomas S. Hodge, Chief Operating Officer FHM V, L.L.C. /s/ Thomas S. Hodge Thomas S. Hodge, Chief Operating Officer FHM V, L.P. By: FHM V, L.L.C., its General Partner /s/ Thomas S. Hodge Thomas S. Hodge, Chief Operating Officer FRAZIER HEALTHCARE V, L.P.

By: FHM V, L.P., its General Partner By: FHM V, L.L.C., its General Partner

/s/ Thomas S. Hodge

Thomas S. Hodge, Chief Operating Officer

EXHIBIT INDEX

Exhibit 1. Joint Filing Agreement as required by Rule 13d-1(k)(1) under the Securities Exchange Act of 1934, as amended.

Exhibit 1

JOINT FILING AGREEMENT PURSUANT TO RULE 13d-1(k)(1)

The undersigned acknowledge and agree that the foregoing statement on Schedule 13G/A is filed on behalf of each of the undersigned and that all subsequent amendments to this statement on Schedule 13G/A shall be filed on behalf of each of the undersigned without the necessity of filing additional joint filing statements. The undersigned acknowledge that each shall be responsible for the timely filing of such amendments, and for the completeness and accuracy of the information concerning him, her or it contained herein, but shall not be responsible for the completeness and accuracy of the information concerning the other entities or persons, except to the extent that he, she or it knows or has reason to believe that such information is inaccurate.

February 17, 2009 Date FHM IV, L.L.C. /s/ Thomas S. Hodge By: Thomas S. Hodge, Chief Operating Officer FHM IV, L.P. By: FHM IV, L.L.C., its General Partner /s/ Thomas S. Hodge Thomas S. Hodge, Chief Operating Officer FRAZIER HEALTHCARE IV, L.P. By: FHM IV, L.P., its General Partner By: FHM IV, L.L.C., its General Partner /s/ Thomas S. Hodge Thomas S. Hodge, Chief Operating Officer FHM V, L.L.C. /s/ Thomas S. Hodge By: Thomas S. Hodge, Chief Operating Officer FHM V, L.P. By: FHM V, L.L.C., its General Partner /s/ Thomas S. Hodge By: Thomas S. Hodge, Chief Operating Officer FRAZIER HEALTHCARE V, L.P. By: FHM V, L.P., its General Partner By: FHM V, L.L.C., its General Partner

> /s/ Thomas S. Hodge Thomas S. Hodge, Chief Operating Officer