### **SCHEDULE 13G**

#### SECURITIES AND EXCHANGE COMMISSION WASHINGTON, DC 20549

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

#### Amicus Therapeutics, Inc.

(Name of Issuer)

#### Common Stock, par value \$0.01 per share

(Title of Class of Securities)

#### 03152W109

(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:

□ Rule 13d-1(b)

x 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 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 (the "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).

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# CUSIP No. 03152W109

1	NAMES OF REP	ORTIN	C PERSONS			
L	NAMES OF REPORTING PERSONS I.R.S. IDENTIFICATION NOS. OF ABOVE PERSONS (entities only)					
			······································			
	Felix J. Baker					
2	CHECK THE APPROPRIATE BOX IF A MEMBER OF A GROUP (See Instructions) (a)					
~				(b) [		
3	SEC USE ONLY					
3						
4	<b>CITIZENSHIP O</b>	R PLA	CE OF ORGANIZATION			
-						
	United States					
		5	SOLE VOTING POWER			
N	UMBER OF					
1	SHARES	6	SHARED VOTING POWER			
BE	NEFICIALLY		646,320			
0	OWNED BY	-	SOLE DISPOSITIVE POWER			
	EACH	7	SOLE DISCONTINE FOWER			
REPORTING			-0-			
	PERSON WITH	8	SHARED DISPOSITIVE POWER			
	*****	0				
			646,320			
9	AGGREGATE A	MOUN	<b>F BENEFICIALLY OWNED BY EACH REPORTING PERSON</b>			
0						
	646,320					
10	CHECK BOX IF THE AGGREGATE AMOUNT IN ROW (9) EXCLUDES CERTAIN SHARES					
11	,		EPRESENTED BY AMOUNT IN ROW 9			
11		1001				
	2.9%					
12		RTING	PERSON (See Instructions)			
12	IN					

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# CUSIP No. 03152W109

I.R.S. IDENTIFICATION NOS. OF ABOVE PERSONS (entities only)         Julian C. Baker         2       CHECK THE APPROPRIATE BOX IF A MEMBER OF A GROUP (See Instructions)         (a)		NAMES OF DED		CREDCONC			
2       CHECK THE APPROPRIATE BOX IF A MEMBER OF A GROUP (See Instructions)       (a)         3       SEC USE ONLY       (b)         4       CITIZENSHIP OR PLACE OF ORGANIZATION       (b)         United States       5       SOLE VOTING POWER         -0-       -0-       -0-         NUMBER OF SHARES       6       SHARED VOTING POWER         -0-       6       SHARED VOTING POWER         -0-       646,320       SOLE DISPOSITIVE POWER         -0-       8       SHARED DISPOSITIVE POWER         -0-       8       SHARED DISPOSITIVE POWER         -0-       8       SHARED DISPOSITIVE POWER         -0-       -0-       -0-         9       AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON         646,320       -0-         9       AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON         646,320       -0-         9       CHECK BOX IF THE AGGREGATE AMOUNT IN ROW (9) EXCLUDES CERTAIN SHARES          10       CHECK BOX IF THE AGGREGATE AMOUNT IN ROW 9       -2.9%         12       TYPE OF REPORTING PERSON (See Instructions)	1						
2       CHECK THE APPROPRIATE BOX IF A MEMBER OF A GROUP (See Instructions)       (a) (b)         3       SEC USE ONLY       (c)         4       CITIZENSHIP OR PLACE OF ORGANIZATION       (c)         0       United States       (c)         1       Vunited States       (c)         1       Vunited States       (c)         10       CHECK THE APPROPRIATE BOX IF A MEMBER OF A GROUP (See Instructions)       (c)         1       PERCENT POWER       (c)       (c)         1       PERCENT POWER       (c)       (c)         1       PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW 9       (c)       (c)         2.9%       (c)       (c)       (c)       (c)         12       TYPE OF REPORTING PERSON (See Instructions)       (c)       (c)       (c)							
2							
3       SEC USE ONLY         4       CITIZENSHIP OR PLACE OF ORGANIZATION United States         5       SOLE VOTING POWER 0.         8       SHARES         6       SHARED VOTING POWER 646,320         0       OVENED BY EACH REPORTING PERSON WITH         7       SOLE DISPOSITIVE POWER 646,320         9       AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON 646,320         9       AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON 646,320         10       CHECK BOX IF THE AGGREGATE AMOUNT IN ROW (9) EXCLUDES CERTAIN SHARES (See Instructions)         11       PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW 9         2.9%      9%	2	CHECK THE APPROPRIATE BOX IF A MEMBER OF A GROUP (See Instructions)       (a) □         (b) □					
4       United States         United States       5         SOLE VOTING POWER         -0-         NUMBER OF SHARES         BENEFICIALLY OWNED BY EACH REPORTING PERSON WITH       6         3       SOLE DISPOSITIVE POWER         -0-         6       SHARED DISPOSITIVE POWER         -0-       -0-         9       AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON         646,320       -0-         9       AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON         646,320       -0-         10       CHECK BOX IF THE AGGREGATE AMOUNT IN ROW (9) EXCLUDES CERTAIN SHARES         11       PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW 9         2.9%      9%	3						
NUMBER OF SHARES BENEFICIALLY OWNED BY EACH REPORTING PERSON WITH     6     SHARED VOTING POWER -0-       8     SHARED VOTING POWER 646,320       9     AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON 646,320       9     AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON 646,320       10     CHECK BOX IF THE AGGREGATE AMOUNT IN ROW (9) EXCLUDES CERTAIN SHARES (See Instructions)       11     PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW 9       2.9%       12     TYPE OF REPORTING PERSON (See Instructions)	4	CITIZENSHIP O	R PLA	CE OF ORGANIZATION			
3         -0-           SHARES         6           SHARES         6           SHARES         646,320           OWNED BY         -0-           EACH         7           SOLE DISPOSITIVE POWER         -0-           PERSON         -0-           WITH         7           SHARED DISPOSITIVE POWER         -0-           646,320         -0-           9         AGGREGATE AMOUNT IN POWER BY EACH REPORTING PERSON           646,320         -0-           9         AGGREGATE AMOUNT IN ROW (9) EACH REPORTING PERSON           646,320         -0-           10         CHECK BOX IF THE AGGREGATE AMOUNT IN ROW (9) EXCLUDES CERTAIN SHARES         -           646,320		United States					
NUMBER OF SHARES BENEFICIALLY       6       SHARED VOTING POWER         BENEFICIALLY OWNED BY EACH REPORTING PERSON WITH       7       SOLE DISPOSITIVE POWER         -0-       -0-         PERSON WITH       -0-         B       SHARED DISPOSITIVE POWER         -0-       -0-         PERSON WITH       8         SHARED DISPOSITIVE POWER       -0-         646,320       -0-         9       AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON         646,320       -0-         10       CHECK BOX IF THE AGGREGATE AMOUNT IN ROW (9) EXCLUDES CERTAIN SHARES          11       PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW 9          2.9%           12       TYPE OF REPORTING PERSON (See Instructions)			5	SOLE VOTING POWER			
SHARES     6     SHARES 000 FOWER       BENEFICIALLY     646,320       OWNED BY     646,320       PERSON     -0-       PERSON     8       SHARED DISPOSITIVE POWER       646,320       9     AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON       646,320       9     646,320       646,320       9     646,320       9     646,320       9     646,320       9     646,320       9     646,320       9     646,320       9     646,320       10     CHECK BOX IF THE AGGREGATE AMOUNT IN ROW (9) EXCLUDES CERTAIN SHARES       11     PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW 9       2.9%       12     TYPE OF REPORTING PERSON (See Instructions)				-0-			
BENEFICIALLY     646,320       WNED BY     646,320       EACH     7       SOLE DISPOSITIVE POWER       PERSON       WITH     8       SHARED DISPOSITIVE POWER       646,320       9       AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON       646,320       10       CHECK BOX IF THE AGGREGATE AMOUNT IN ROW (9) EXCLUDES CERTAIN SHARES       I1       PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW 9       2.9%       12       TYPE OF REPORTING PERSON (See Instructions)	Ν		6	SHARED VOTING POWER			
OWNED BY EACH REPORTING PERSON WITH     7     SOLE DISPOSITIVE POWER       -0-     -0-       8     SHARED DISPOSITIVE POWER       646,320     646,320       9     646,320       10     CHECK BOX IF THE AGGREGATE AMOUNT IN ROW (9) EXCLUDES CERTAIN SHARES (see Instructions)       11     PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW 9       2.9%       12     TYPE OF REPORTING PERSON (See Instructions)	BEI		Ŭ	646 320			
EACH       7         REPORTING       -0-         PERSON       8       SHARED DISPOSITIVE POWER         646,320       646,320         9       AGGREGATE AMOUNT IN ROW POWED BY EACH REPORTING PERSON         646,320       646,320         10       CHECK BOX IF THE AGREGATE AMOUNT IN ROW (9) EXCLUDES CERTAIN SHARES       □         11       PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW 9         2.9%       TYPE OF REPORTING PERSON (See Instructions)	0		7				
PERSON WITH         -0-           8         SHARED DISPOSITIVE POWER           646,320         646,320           646,320         646,320           10         CHECK BOX IF THE AGREGATE AMOUNT IN ROW (9) EXCLUDES CERTAIN SHARES [ (see Instructions)         □           11         PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW 9         □           2.9%         □         □           12         TYPE OF REPORTING PERSON (See Instructions)         □	R	-	/				
NTIL 0   646,320   9   AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON   646,320   10   646,320   11   PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW 9   2.9%   12   TYPE OF REPORTING PERSON (See Instructions)		PERSON					
9       AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON         646,320       646,320         10       CHECK BOX IF THE AGGREGATE AMOUNT IN ROW (9) EXCLUDES CERTAIN SHARES [See Instructions)         11       PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW 9         2.9%       2.9%         12       TYPE OF REPORTING PERSON (See Instructions)		WITH	8	SHARED DISPOSITIVE POWER			
<b>9</b> 646,320 <b>10</b> CHECK BOX IF THE AGGREGATE AMOUNT IN ROW (9) EXCLUDES CERTAIN SHARES (see Instructions)       □ <b>11</b> PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW 9         2.9%       □ <b>12</b> TYPE OF REPORTING PERSON (See Instructions)				646,320			
646,320         10       CHECK BOX IF THE AGGREGATE AMOUNT IN ROW (9) EXCLUDES CERTAIN SHARES Certain Shares         11       PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW 9         2.9%         12       TYPE OF REPORTING PERSON (See Instructions)	9	AGGREGATE AN	IOUN	F BENEFICIALLY OWNED BY EACH REPORTING PERSON			
10       CHECK BOX IF THE AGGREGATE AMOUNT IN ROW (9) EXCLUDES CERTAIN SHARES (See Instructions)         11       PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW 9         2.9%       2.9%         12       TYPE OF REPORTING PERSON (See Instructions)	2	646.320					
11       PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW 9         2.9%         12       TYPE OF REPORTING PERSON (See Instructions)	10	,	THE A	GGREGATE AMOUNT IN ROW (9) EXCLUDES CERTAIN SHARES			
11 2.9% 12 TYPE OF REPORTING PERSON (See Instructions)	10	, ,					
17 TYPE OF REPORTING PERSON (See Instructions)	11	PERCENT OF CI	LASS R	EPRESENTED BY AMOUNT IN ROW 9			
		2.9%					
	12		RTING	PERSON (See Instructions)			
		IIN					

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Item 1(a)	Name of Issuer:							
	Amicus Therapeutic	s, Inc.						
Item 1(b)	tem 1(b) Address of Issuer's Principal Executive Offices:							
Item 2(a)	6 Cedar Brook Drive Cranbury, New Jersey 08512 Item 2(a) Name of Person Filing:							
	This Schedule 13G	s being filed jointly by Felix J. Baker and Julian C. Baker (the "Reporting Persons").						
Item 2(b)	Address of Princip	al Business Office or, if None, Residence:						
	Name	Business Address						
	Felix J. Baker	667 Madison Avenue 21st Floor New York, NY 10065						
	Julian C. Baker	667 Madison Avenue, 21st Floor New York, NY 10065						
Item 2(c)	Citizenship:							
Eac	ch of the Reporting Person	s is a United States citizen.						
Item 2(d)	Title of Class of Sec	curities:						
Со	mmon Stock, par value \$0	01 per share						
Item 2(e)	<b>CUSIP Number:</b>							
031	152W109							
Item 3.	If this statement is	filed pursuant to §§240.13d-1(b) or (c), check whether the person filing is a: N/A						
(a)	□ Broker or dealer regist	ered under Section 15 of the Exchange Act.						
(b)	(b) $\Box$ Bank as defined in section 3(a)(6) of the Exchange Act.							
(C)	(c) $\Box$ Insurance company as defined in section 3(a)(19) of the Exchange Act.							
(d)	(d) 🗆 Investment company registered under section 8 of the Investment Company Act of 1940.							
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(e)  $\Box$  An investment adviser in accordance with Rule 13d-1(b)(1)(ii)(E).

(f)  $\Box$  An employee benefit plan or endowment fund in accordance with Rule 13d-1(b)(1)(ii)(F).

(g)  $\Box$  A parent holding company or control person in accordance with Rule 13d-1(b)(1)(ii)(G).

(h)  $\Box$  A savings association as defined in Section 3(b) of the Federal Deposit Insurance Act.

(i) A church plan that is excluded from the definition of an investment company under section 3(c)(14) of the Investment Company Act of 1940.

(j)  $\Box$  Group, in accordance with Rule 13d-1(b)(1)(ii)(J).

#### Item 4. Ownership.

Set forth below is the aggregate number of shares of Common Stock, held as of the date hereof by each of the following, together with the percentage of the outstanding shares of Common Stock that such number represents based upon 22,647,869 shares outstanding as reported on the company's SEC Form 10Q filed on November 4, 2009.

Name	Number of Shares	Percent of Class Outstanding
Baker Bros. Investments II, L.P.	162	0.0%
667, L.P.	159,872	0.7%
Baker Brothers Life Sciences, L.P.	468,942	2.1%
14159, L.P.	14,889	0.1%
Baker/Tisch Investments, L.P.	2,455	0.0%
Total	646,320	2.9%

By virtue of their ownership of entities that have the power to control the investment decisions of the limited partnerships listed in the table above, Felix J. Baker and Julian C. Baker may each be deemed to be beneficial owners of shares owned by such entities and may be deemed to have shared power to vote or direct the vote of and shared power to dispose or direct the disposition of such securities.

#### 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 x.

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

The entities listed in Item 4 above are investment funds the investors in which have the right to receive dividends, interest and the proceeds of sale of securities owned by such funds. N/A

# Identification and Classification of the Subsidiary Which Acquired the Security Being Reported on by the Parent Holding Item 7. **Company or Control Person.** N/A Item 8. Identification and Classification of Members of the Group. N/A Item 9. Notice of Dissolution of Group. N/A 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.

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## SIGNATURE

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

February 16, 2010

/s/ Felix J. Baker Felix J. Baker

relix J. Dakel

/s/ Julian C. Baker Julian C. Baker

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### AGREEMENT

In accordance with Rule 13d-1(k)(1) under the Securities Exchange Act of 1934, as amended, the undersigned hereby agree that this Statement on Schedule 13G relating to the Common Stock of Amicus Therapeutics, Inc. is being filed with the Securities and Exchange Commission on behalf of each of them.

February 16, 2010

/s/ Felix J. Baker

Felix J. Baker

/s/ Julian C. Baker Julian C. Baker

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