AMAG PHARMACEUTICALS INC.

Form SC 13G January 23, 2009

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

SCHEDULE 13G

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

AMAG PHARMACEUTICALS, INC.

(Name of Issuer)

Common Stock, Par Value \$0.01 Per Share

(Title of Class of Securities)

00163U106

(CUSIP Number)

January 13, 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 the 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).

Page 1 of 11

1	NAME OF REPORTING PERSON I.R.S. IDENTIFICATION NO. OF ABOVE PERSON					
	S.A.C. Capi	A.C. Capital Advisors, L.P.				
2	CHECK THE A	APPROPRIATE BOX IF A MEMBER OF A GROUP*				
				(a) [] (b) [X]		
3	SEC USE ONLY					
4	CITIZENSHIP OR PLACE OF ORGANIZATION					
	Delaware					
		5	SOLE VOTING POWER			
			0			
,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	QUI DEG	6	SHARED VOTING POWER			
NUMBER OF SHARES BENEFICIALLY OWNED			215,500 (see Item 4)			
	BY EACH REPORTING PERSON WITH		SOLE DISPOSITIVE POWER			
			0			
		8	SHARED DISPOSITIVE POWER			
			215,500 (see Item 4)			
9	AGGREGATE A	MOUNT	BENEFICIALLY OWNED BY EACH REPO	ORTING PERSON		
	215,500 (see Item 4)					
10 CHECK BOX IF THE AGGREGATE AMOUNT IN ROW (9) EX		CLUDES CERTAIN SHARES				
	[]					
11	PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW (9)					
	1.3% (see Item 4)					
12	TYPE OF REPORTING PERSON*					
	PN					
		*SEE	INSTRUCTION BEFORE FILLING OUT			
			Page 2 of 11			
CUSIP No.	00163U106		13G	Page 3 of 11 Pages		

1	NAME OF REPORTING PERSON I.R.S. IDENTIFICATION NO. OF ABOVE PERSON				
	S.A.C. Capital Advisors, Inc.				
2	CHECK THE APPROPRIATE BOX IF A MEMBER OF A GROUP*				
2		111011	ATTER BOT IT IT TELEBRIC OF IT GROOT		
	(a) [] (b) [X]				
3	SEC USE ONLY				
4	CITIZENSHIP OR PLACE OF ORGANIZATION				
	Delaware				
		5	SOLE VOTING POWER		
			0		
	-	6	SHARED VOTING POWER		
NUMBER OF BENEFICIAL			215,500 (see Item 4)		
BY EACH REPERSON WITH			SOLE DISPOSITIVE POWER		
			0		
	-	8	SHARED DISPOSITIVE POWER		
			215,500 (see Item 4)		
9	AGGREGATE AM	10UNT	BENEFICIALLY OWNED BY EACH REPO	DRTING PERSON	
	215,500 (see Item 4)				
10	10 CHECK BOX IF THE AGGREGATE AMOUNT IN ROW (9) EXCLUDES CERTAIN SHAP			CLUDES CERTAIN SHARES	
	[]				
11	PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW (9)				
	1.3% (see It	em 4			
12	TYPE OF REPORTING PERSON*				
	СО				
		*SEE	INSTRUCTION BEFORE FILLING OUT		
Page 3 of 11					
CUSIP No.			13G	Page 4 of 11 Pages	
1	NAME OF REPO	RTIN	 G PERSON		

3

I.R.S. IDENTIFICATION NO. OF ABOVE PERSON CR Intrinsic Investors, LLC ______ 2 CHECK THE APPROPRIATE BOX IF A MEMBER OF A GROUP* (a) [] (b) [X] 3 SEC USE ONLY 4 CITIZENSHIP OR PLACE OF ORGANIZATION Delaware _ ______ 5 SOLE VOTING POWER 6 SHARED VOTING POWER NUMBER OF SHARES BENEFICIALLY OWNED 750,000 (see Item 4) BY EACH REPORTING 7 SOLE DISPOSITIVE POWER PERSON WITH _____ 8 SHARED DISPOSITIVE POWER 750,000 (see Item 4) 9 AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON 750,000 (see Item 4) ______ 10 CHECK BOX IF THE AGGREGATE AMOUNT IN ROW (9) EXCLUDES CERTAIN SHARES 11 PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW (9) 4.4% (see Item 4) 12 TYPE OF REPORTING PERSON* 00 *SEE INSTRUCTION BEFORE FILLING OUT Page 4 of 11 CUSIP No. 00163U106 13G Page 5 of 11 Pages ______ 1 NAME OF REPORTING PERSON I.R.S. IDENTIFICATION NO. OF ABOVE PERSON Sigma Capital Management, LLC

2	CHECK THE A	PPROP	RIATE BOX IF A MEMBER OF A GROUP	· *		
					[] [X]	
3	SEC USE ONL	 Y				
	CITI7FNSHID		LACE OF ORGANIZATION			
7		OK F	DACE OF ONGANIZATION			
	Delaware					
		5	SOLE VOTING POWER			
			0			
NUMBER OF	CHADEC	6	SHARED VOTING POWER			
BENEFICIAL BY EACH RE	LLY OWNED		500,000 (see Item 4)			
PERSON WIT		7	SOLE DISPOSITIVE POWER			
			0			
	-	8	SHARED DISPOSITIVE POWER			
			500,000 (see Item 4)			
9	AGGREGATE A	TNUON	BENEFICIALLY OWNED BY EACH REPO	RTING PER	SON	
	500,000 (see	e Ite	m 4)			
10 CHECK BOX IF THE AGGREGATE AMOUNT IN ROW (9) EXCLUDES CERTAIN SHA			 TAIN SHARES			
	[]					
11						
	2.9% (see Item 4)					
12	TYPE OF REPORTING PERSON*					
	00					
		 *SEE	INSTRUCTION BEFORE FILLING OUT			
			Page 5 of 11			
			- 1			
CUSIP No.	00163U106		13G	Page 6 of	11 Pages	
1	NAME OF REPORT.		G PERSON ATION NO. OF ABOVE PERSON			
	Steven A. Co	ohen				
2	CHECK THE APPROPRIATE BOX IF A MEMBER OF A GROUP*					

			(a) [] (b) [X]		
3	SEC USE ONLY				
4	CITIZENSHIP OR PLACE OF ORGANIZATION				
	United Stat	ces			
		5	SOLE VOTING POWER		
			0		
			SHARED VOTING POWER		
			1,465,500 (see Item 4)		
		7	SOLE DISPOSITIVE POWER		
			0		
		8	SHARED DISPOSITIVE POWER		
			1,465,500 (see Item 4)		
9	9 AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON				
	1,465,500 (see Item 4)				
10	CHECK BOX	IF THE	AGGREGATE AMOUNT IN ROW (9) EXCLUDES CERTAIN SHARES		
	[]				
11	PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW (9)				
	8.6% (see Item 4)				
12	TYPE OF REPORTING PERSON*				
	IN				
		*SEE	INSTRUCTION BEFORE FILLING OUT		
			Page 6 of 11		
Item 1(a)			Issuer:		
	ΙA	MAG Pha	armaceuticals, Inc.		
Item 1(b)			of Issuer's Principal Executive Offices:		
			- 		
	10	00 Hayo	den Avenue, Lexington, Massachusetts, 02421		
Item 2(a)	Na 	ame of	Person Filing:		

This statement is filed by: (i) SAC Capital Advisors LP with respect to shares of Common Stock, par value \$0.01 per share ("Shares") of the Issuer beneficially owned by S.A.C. Capital Associates, LLC ("SAC Capital Associates"); (ii) S.A.C. Capital Advisors, Inc. ("SAC Capital Advisors Inc.") with respect to Shares beneficially owned by SAC Capital Advisors LP and SAC Capital Associates; (iii) CR Intrinsic Investors, LLC ("CR Intrinsic Investors") with respect to Shares beneficially owned by CR Intrinsic Investments, LLC ("CR Intrinsic Investments"); (iv) Sigma Capital Management, LLC ("Sigma Management") with respect to Shares beneficially owned by Sigma Capital Associates, LLC ("Sigma Capital Associates"); and (v) Steven A. Cohen with respect to Shares beneficially owned by SAC Capital Advisors LP, SAC Capital Advisors Inc., SAC Capital Associates, CR Intrinsic Investors, CR Intrinsic Investments, Sigma Management, and Sigma Capital Associates.

SAC Capital Advisors LP, SAC Capital Advisors Inc., CR Intrinsic Investors, Sigma Management and Steven A. Cohen have entered into a Joint Filing Agreement, a copy of which is filed with this Schedule 13G as Exhibit 99.1, pursuant to which they have agreed to file this Schedule 13G jointly in accordance with the provisions of Rule 13d-1(k) of the Act.

Item 2(b) Address or Principal Business Office:

The address of the principal business office of (i) SAC Capital Advisors LP, SAC Capital Advisors Inc., CR Intrinsic Investors, and Mr. Cohen is 72 Cummings Point Road, Stamford, Connecticut 06902; and (ii) Sigma Management is 540 Madison Avenue, New York, New York 10022.

Item 2(c) Citizenship:

SAC Capital Advisors LP is a Delaware limited partnership. SAC Capital Advisors Inc. is a Delaware corporation. Sigma Management and CR Intrinsic Investors are Delaware limited liability companies. Mr. Cohen is a United States citizen.

Item 2(d) Title of Class of Securities:

Common Stock, par value \$0.01 per share

Page 7 of 11

00163U106

Item 3 Not Applicable

The percentages used herein are calculated based upon the Shares issued and outstanding as of October 31, 2008 as

reported on the Issuer's quarterly report on Form 10-Q filed with the Securities and Exchange Commission by the Issuer for the quarterly period ended September 30, 2008.

As of the close of business on January 22, 2009:

- 1. S.A.C. Capital Advisors, L.P.
- (a) Amount beneficially owned: 215,500
- (b) Percent of class: 1.3%
- (c) (i) Sole power to vote or direct the vote: -0-
- (ii) Shared power to vote or direct the vote: 215,500
- (iii) Sole power to dispose or direct the disposition: -0-
- (iv) Shared power to dispose or direct the disposition: 215,500
- 2. S.A.C. Capital Advisors, Inc.
- (a) Amount beneficially owned: 215,500
- (b) Percent of class: 1.3%
- (c)(i) Sole power to vote or direct the vote: -0-
- (ii) Shared power to vote or direct the vote: 215,500
- (iii) Sole power to dispose or direct the disposition: -0-
- (iv) Shared power to dispose or direct the disposition: 215,500
- 3. CR Intrinsic Investors, LLC
- (a) Amount beneficially owned: 750,000
- (b) Percent of class: 4.4%
- (c)(i) Sole power to vote or direct the vote: -0-
- (ii) Shared power to vote or direct the vote: 750,000
- (iii) Sole power to dispose or direct the disposition: -0-
- (iv) Shared power to dispose or direct the disposition: 750,000
- 4. Sigma Capital Management, LLC
- (a) Amount beneficially owned: 500,000
- (b) Percent of class: 2.9%
- (c)(i) Sole power to vote or direct the vote: -0-
- (ii) Shared power to vote or direct the vote: 500,000
- (iii) Sole power to dispose or direct the disposition: -0-
- (iv) Shared power to dispose or direct the disposition: 500,000
- 5. Steven A. Cohen
- (a) Amount beneficially owned: 1,465,000
- (b) Percent of class: 8.6%
- (c)(i) Sole power to vote or direct the vote: -0-

Page 8 of 11

- (ii) Shared power to vote or direct the vote: 1,465,000
- (iii) Sole power to dispose or direct the disposition: -0-
- (iv) Shared power to dispose or direct the disposition: 1,465,000

SAC Capital Advisors LP, SAC Capital Advisors Inc., CR Intrinsic Investors, Sigma Management, and Mr. Cohen own directly no Shares. Pursuant to an investment management agreement, SAC Capital Advisors LP maintains investment and voting power with respect to the securities held by SAC Capital Associates. SAC Capital Advisors Inc. is the general

partner of SAC Capital Advisors LP. Pursuant to an investment management agreement, Sigma Management maintains investment and voting power with respect to the securities held by Sigma Capital Associates. Pursuant to an investment management agreement, CR Intrinsic Investors maintains investment and voting power with respect to the securities held by CR Intrinsic Investments. Mr. Cohen controls each of SAC Capital Advisors Inc., CR Intrinsic Investors, and Sigma Management. CR Intrinsic Investments is a wholly owned subsidiary of SAC Capital Associates. By reason of the provisions of Rule 13d-3 of the Securities Exchange Act of 1934, as amended, each of (i) SAC Capital Advisors LP, SAC Capital Advisors Inc. and Mr. Cohen may be deemed to beneficially own 215,500 Shares (constituting approximately 1.3% of the Shares outstanding); (ii) CR Intrinsic Investors and Mr. Cohen may be deemed to beneficially own 750,000 Shares (constituting approximately 4.4% of the Shares outstanding); and (iii) Sigma Management and Mr. Cohen may be deemed to beneficially own 500,000 Shares (constituting approximately 2.9% of the Shares outstanding). Each of SAC Capital Advisors LP, SAC Capital Advisors Inc., CR Intrinsic Investors, Sigma Management, and Mr. Cohen disclaims beneficial ownership of any of the securities covered by this statement, and SAC Capital Associates disclaims beneficial ownership of any securities held by CR Intrinsic Investments.

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. []

Person

Not Applicable

Holding Company:

Not Applicable

Item 8 Identification and Classification of Members of the Group:

Not Applicable

Page 9 of 11

Not Applicable

Item 10 Certification:

By signing below the signatory certifies that, to the best of his 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.

Page 10 of 11

SIGNATURE

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

Dated: January 23, 2009

S.A.C. CAPITAL ADVISORS, L.P.

By: /s/ Peter Nussbaum

Name: Peter Nussbaum Title: Authorized Person

S.A.C. CAPITAL ADVISORS, INC.

By: /s/ Peter Nussbaum

Name: Peter Nussbaum Title: Authorized Person

CR INTRINSIC INVESTORS, LLC

By: /s/ Peter Nussbaum

Name: Peter Nussbaum
Title: Authorized Person

SIGMA CAPITAL MANAGEMENT, LLC

By: /s/ Peter Nussbaum

Name: Peter Nussbaum Title: Authorized Person

STEVEN A. COHEN

By: /s/ Peter Nussbaum

Name: Peter Nussbaum
Title: Authorized Person

Page 11 of 11