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

SCHEDULE 13G/A

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

> Enzon Pharmaceuticals, Inc. (Name of Issuer)

Common Stock, par value \$0.01 per share (Title of Class of Securities)

> 293904108 (CUSIP Number)

December 31, 2006 (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 in the remainder of this cover page shall not be deemed to be "filed" for 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 18 Pages

CUSIP No. 2	293904108	13G/A	Page	2 of	18 Pages	
(1)		REPORTING PERSONS DENTIFICATION NO. OF AB	OVE PERSONS			
	Highbridg	ge International LLC				
(2)	CHECK THE	E APPROPRIATE BOX IF A	MEMBER OF A GROUP **	(a) (b)		
(3)	SEC USE C	)NLY				
(4)	CITIZENSE	CITIZENSHIP OR PLACE OF ORGANIZATION				
	Cayman Is	slands, British West In	dies			
NUMBER OF	(5) S	SOLE VOTING POWER				
SHARES						
BENEFICIAL	LY (6) S	SHARED VOTING POWER				

4.0% Convertible Senior Notes, due 2013, convertible

OWNED BY			
EACH	(7)	SOLE DISPOSITIVE POWER	
REPORTING		0	
PERSON WITH	(8)	SHARED DISPOSITIVE POWER 4.0% Convertible Senior N into 3,979,056 shares of	otes, due 2013, convertible Common Stock
(9)	BY EAC 4.0% C	ATE AMOUNT BENEFICIALLY OW H REPORTING PERSON onvertible Senior Notes, d 056 shares of Common Stock	ue 2013, convertible into
(10)	CHECK BOX IF THE AGGREGATE AMOUNT IN ROW (9) EXCLUDES CERTAIN SHARES ** [ ]		
(11)		T OF CLASS REPRESENTED UNT IN ROW (9)	
(12)	TYPE (	F REPORTING PERSON **	
		** SEE INSTRUCTIONS BEFOR	E FILLING OUT!
CUSIP No. 29	93904108	13G/A	Page 3 of 18 Pages
, ,	I.R.S.	F REPORTING PERSONS IDENTIFICATION NO. OF ABOVE	
	I.R.S. Highbri	IDENTIFICATION NO. OF ABOV	Master Fund, L.P.
(2)	I.R.S. Highbri	IDENTIFICATION NO. OF ABOVE dge Convertible Arbitrage E	Master Fund, L.PMBER OF A GROUP ** (a) [X]
(2)	I.R.S. Highbri CHECK T	IDENTIFICATION NO. OF ABOVE dge Convertible Arbitrage E	Master Fund, L.P.  MBER OF A GROUP **  (a) [X]  (b) []
(2)	I.R.S. Highbri CHECK T	IDENTIFICATION NO. OF ABOVE dge Convertible Arbitrage HE APPROPRIATE BOX IF A MESTON	Master Fund, L.P.
(2)	I.R.S. Highbri CHECK T	IDENTIFICATION NO. OF ABOVE dge Convertible Arbitrage HE APPROPRIATE BOX IF A MESON ONLY  SHIP OR PLACE OF ORGANIZAT	Master Fund, L.P.
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(2) (3) (4) NUMBER OF SHARES BENEFICIALLY DWNED BY	I.R.S. Highbri CHECK T	DENTIFICATION NO. OF ABOVE  dge Convertible Arbitrage  HE APPROPRIATE BOX IF A ME  ONLY  SHIP OR PLACE OF ORGANIZAT  Islands, British West Indi  SOLE VOTING POWER  O  SHARED VOTING POWER  4.0% Convertible Senior N  1,047,120 shares of Commo  SOLE DISPOSITIVE POWER  O	Master Fund, L.P.  MBER OF A GROUP **  (a) [X]  (b) []  ION  es  otes, due 2013, convertible into
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(2)  (3)  (4)  NUMBER OF  SHARES BENEFICIALLY  DWNED BY  EACH  REPORTING	I.R.S. Highbri CHECK T	DENTIFICATION NO. OF ABOVE  dge Convertible Arbitrage in the APPROPRIATE BOX IF A MESTER APPROPRIATE POWER A.0% Convertible Senior No.1,047,120 shares of Common ATE AMOUNT BENEFICIALLY OWER ARE APPROPRIATE POWER APPROPRIATE APPROPRIATE POWER AS A MOUNT BENEFICIALLY OWER APPROPRIATE POWER APPROPRIATE POWER APPROPRIATE POWER AS A MOUNT BENEFICIALLY OWER APPROPRIATE POWER APPROPRIATE POWER APPROPRIATE POWER AS A MOUNT BENEFICIALLY OWER APPROPRIATE POWER APPRO	Master Fund, L.P.  MBER OF A GROUP **  (a) [X]  (b) []  ION  es  otes, due 2013, convertible into  otes, due 2013, convertible into  n Stock  NED  ue 2013, convertible into

(11)	PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW (9) 2.33%			
(12)	TYPE OF REPORTING PERSON **			
	** SEE INSTRUCTIONS BEFORE FILLING OUT!			
CUSIP No. 29	23904108 13G/A Page 4 of 18 Pages			
(1)	NAMES OF REPORTING PERSONS I.R.S. IDENTIFICATION NO. OF ABOVE PERSONS			
	Highbridge Capital Corporation			
(2)	CHECK THE APPROPRIATE BOX IF A MEMBER OF A GROUP **  (a) [X] (b) []			
(3)	SEC USE ONLY			
(4)	CITIZENSHIP OR PLACE OF ORGANIZATION			
	Cayman Islands, British West Indies			
 NUMBER OF	(5) SOLE VOTING POWER			
SHARES	0			
BENEFICIALLY	(6) SHARED VOTING POWER 4.0% Convertible Senior Notes, due 2013, convertible into 3,979,056 shares of Common Stock			
OWNED BY				
EACH REPORTING	(7) SOLE DISPOSITIVE POWER 0			
	(8) SHARED DISPOSITIVE POWER 4.0% Convertible Senior Notes, due 2013, convertible into 3,979,056 shares of Common Stock			
(9)	AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON 4.0% Convertible Senior Notes, due 2013, convertible into 3,979,056 shares of Common Stock			
(10)	CHECK BOX IF THE AGGREGATE AMOUNT IN ROW (9) EXCLUDES CERTAIN SHARES **			
(11)	PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW (9) 8.31%			
	TYPE OF REPORTING PERSON **			
	** SEE INSTRUCTIONS BEFORE FILLING OUT!			
CUSIP No. 29				
(1)	NAMES OF REPORTING PERSONS I.R.S. IDENTIFICATION NO. OF ABOVE PERSONS			
	Highbridge Capital L.P.			
(2)	CHECK THE APPROPRIATE BOX IF A MEMBER OF A GROUP **			

(3)	SEC USE	ONLY	
(4)	CITIZENSHIP OR PLACE OF ORGANIZATION		
	State o	f Delaware	
	(5)	SOLE VOTING POWER 0	
SHARES			
BENEFICIALLY	(6)	SHARED VOTING POWER 4.0% Convertible Senior Notes, due 2013, convertible into 3,979,056 shares of Common Stock	
OWNED BY			
EACH	(7)	SOLE DISPOSITIVE POWER 0	
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PERSON WITH	(8)	SHARED DISPOSITIVE POWER 4.0% Convertible Senior Notes, due 2013, convertible into 3,979,056 shares of Common Stock	
(9)	BY EAC 4.0% C	ATE AMOUNT BENEFICIALLY OWNED H REPORTING PERSON onvertible Senior Notes, due 2013, convertible into 056 shares of Common Stock	
(10)		BOX IF THE AGGREGATE AMOUNT  (9) EXCLUDES CERTAIN SHARES **  [ ]	
(11)		T OF CLASS REPRESENTED UNT IN ROW (9)	
(12)	TYPE O	F REPORTING PERSON **	
		** SEE INSTRUCTIONS BEFORE FILLING OUT!	
CUSIP No. 29	3904108	13G/A Page 6 of 18 Pages	
(1)		F REPORTING PERSONS IDENTIFICATION NO. OF ABOVE PERSONS	
	Highbri 	dge Master L.P.	
(2)		HE APPROPRIATE BOX IF A MEMBER OF A GROUP **  (a) [X]  (b) [ ]	
(3)	SEC USE	ONLY	
(4)	CITIZEN	SHIP OR PLACE OF ORGANIZATION	
	Cayman	Islands, British West Indies	
NUMBER OF	(5)	SOLE VOTING POWER	
SHARES		· 	
BENEFICIALLY	(6)	SHARED VOTING POWER 4.0% Convertible Senior Notes, due 2013, convertible into 3,979,056 shares of Common Stock	
OWNED BY		5,979,056 Shares of Conducti Stock	
EACH	(7)	SOLE DISPOSITIVE POWER 0	
REPORTING			

PERSON WITH	(8) SHARED DISPOSITIVE POWER 4.0% Convertible Senior Notes, due 2013, convertible into 3,979,056 shares of Common Stock			
(9)	AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON 4.0% Convertible Senior Notes, due 2013, convertible into 3,979,056 shares of Common Stock			
(10)	CHECK BOX IF THE AGGREGATE AMOUNT IN ROW (9) EXCLUDES CERTAIN SHARES ** [ ]			
(11)	PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW (9) 8.31%			
(12)	TYPE OF REPORTING PERSON ** PN			
	** SEE INSTRUCTIONS BEFORE FILLING OUT!			
CUSIP No. 29	3904108 13G/A Page 7 of 18 Pages			
	NAMES OF REPORTING PERSONS  T.R.S. IDENTIFICATION NO. OF ABOVE PERSONS  Highbridge GP, Ltd.			
	CHECK THE APPROPRIATE BOX IF A MEMBER OF A GROUP **			
	(a) [X] (b) []			
(3)	SEC USE ONLY			
(4)	CITIZENSHIP OR PLACE OF ORGANIZATION			
	Cayman Islands, British West Indies			
NUMBER OF SHARES	(5) SOLE VOTING POWER 0			
BENEFICIALLY OWNED BY	(6) SHARED VOTING POWER 4.0% Convertible Senior Notes, due 2013, convertible into 3,979,056 shares of Common Stock			
EACH	(7) SOLE DISPOSITIVE POWER 0			
REPORTING PERSON WITH	(8) SHARED DISPOSITIVE POWER 4.0% Convertible Senior Notes, due 2013, convertible into 3,979,056 shares of Common Stock			
(9)	AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON 4.0% Convertible Senior Notes, due 2013, convertible into 3,979,056 shares of Common Stock			
(10)	CHECK BOX IF THE AGGREGATE AMOUNT IN ROW (9) EXCLUDES CERTAIN SHARES ** [ ]			
(11)	PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW (9) 8.31%			
(12)	TYPE OF REPORTING PERSON **			

CUSIP No. 2	93904108	13G/A	Page 8 of 18 Pages
(1)		REPORTING PERSONS ENTIFICATION NO. OF ABOVE PERSO	ONS
	Highbridg	e GP, LLC	
(2)	CHECK THE	APPROPRIATE BOX IF A MEMBER OF	F A GROUP ** (a) [X] (b) [ ]
(3)	SEC USE O	NLY	
(4)	CITIZENSH	IP OR PLACE OF ORGANIZATION	
	State of	Delaware 	
NUMBER OF	(5) S	OLE VOTING POWER	
SHARES			
BENEFICIALL	4	HARED VOTING POWER .0% Convertible Senior Notes, c ,979,056 shares of Common Stock	
OWNED BY			
EACH	(7) S	OLE DISPOSITIVE POWER	
REPORTING			
PERSON WITH	4	HARED DISPOSITIVE POWER .0% Convertible Senior Notes, o ,979,056 shares of Common Stock	
(9)	BY EACH 4.0% Con	E AMOUNT BENEFICIALLY OWNED REPORTING PERSON vertible Senior Notes, due 2013 6 shares of Common Stock	3, convertible into
(10)		X IF THE AGGREGATE AMOUNT 9) EXCLUDES CERTAIN SHARES **	[ ]
(11)		OF CLASS REPRESENTED I IN ROW (9)	
(12)	TYPE OF	REPORTING PERSON **	
	*	* SEE INSTRUCTIONS BEFORE FILL	ING OUT!
CUSIP No. 2	93904108	13G/A	Page 9 of 18 Pages
(1)		REPORTING PERSONS ENTIFICATION NO. OF ABOVE PERSO	DNS
	Highbridg	e Capital Management, LLC	20-1901985
(2)	CHECK THE	APPROPRIATE BOX IF A MEMBER OF	(a) [X] (b) [ ]
(3)	SEC USE O	NLY	
(4)	CITIZENSH	IP OR PLACE OF ORGANIZATION	

State of Delaware

NUMBER OF	(	5)	SOLE VOTING POWER
SHARES	-		
BENEFICIALLY	Υ (	6)	SHARED VOTING POWER 4.0% Convertible Senior Notes, due 2013, convertible into 5,026,176 shares of Common Stock
OWNED BY	-		
EACH	(	7)	SOLE DISPOSITIVE POWER
REPORTING	-		
PERSON WITH	(	8)	SHARED DISPOSITIVE POWER 4.0% Convertible Senior Notes, due 2013, convertible into 5,026,176 shares of Common Stock
(9)	BY 4.0	EAC % C	ATE AMOUNT BENEFICIALLY OWNED H REPORTING PERSON onvertible Senior Notes, due 2013, convertible into 176 shares of Common Stock
(10)			BOX IF THE AGGREGATE AMOUNT  (9) EXCLUDES CERTAIN SHARES **  [ ]
(11)	BY		T OF CLASS REPRESENTED UNT IN ROW (9)
(12)			F REPORTING PERSON ** imited Liability Company
CUSIP No. 29	93904	108	** SEE INSTRUCTIONS BEFORE FILLING OUT!  13G/A Page 10 of 18 Pages
(1)			F REPORTING PERSONS IDENTIFICATION NO. OF ABOVE PERSONS
	Glen	n D	ubin
(2)	CHEC		HE APPROPRIATE BOX IF A MEMBER OF A GROUP **  (a) [X]  (b) [ ]
(3)	SEC	USE	ONLY
(4)	CITI	ZEN	SHIP OR PLACE OF ORGANIZATION
	Unit	ed	States
NUMBER OF	(	5)	SOLE VOTING POWER
SHARES	-		0
BENEFICIALLY	Υ (	6)	SHARED VOTING POWER 4.0% Convertible Senior Notes, due 2013, convertible into 5,026,176 shares of Common Stock
OWNED BY	-		
EACH	(	7)	SOLE DISPOSITIVE POWER 0
REPORTING	-		<u> </u>
PERSON WITH	(	8)	SHARED DISPOSITIVE POWER 4.0% Convertible Senior Notes, due 2013, convertible into 5,026,176 shares of Common Stock
(9)			ATE AMOUNT BENEFICIALLY OWNED H REPORTING PERSON

BY EACH REPORTING PERSON

		Convertible Senior Notes, due 2	2013, convertible into		
(10)		BOX IF THE AGGREGATE AMOUNT (9) EXCLUDES CERTAIN SHARES *	**		
(11)		TOF CLASS REPRESENTED DUNT IN ROW (9)			
(12)	TYPE C	F REPORTING PERSON ** IN			
		** SEE INSTRUCTIONS BEFORE FI	ILLING OUT!		
CUSIP No. 29	93904108	3 13G/A	Page 11 of 18 Pages		
(1)		OF REPORTING PERSONS IDENTIFICATION NO. OF ABOVE PE	ERSONS		
	Henry S	wieca			
(2)	CHECK T	HE APPROPRIATE BOX IF A MEMBER	R OF A GROUP **  (a) [X]  (b) []		
(3)	SEC USE	ONLY			
(4)	CITIZENSHIP OR PLACE OF ORGANIZATION				
	United	States			
NUMBER OF	(5)	SOLE VOTING POWER 0			
BENEFICIALLY	Y (6)	SHARED VOTING POWER 4.0% Convertible Senior Notes 5,026,176 shares of Common St			
OWNED BY					
EACH	( / )	SOLE DISPOSITIVE POWER 0			
REPORTING PERSON WITH	(8)	SHARED DISPOSITIVE POWER 4.0% Convertible Senior Notes 5,026,176 shares of Common St			
(9)	BY EACH REPORTING PERSON 4.0% Convertible Senior Notes, due 2013, convertible into 5,026,176 shares of Common Stock				
(10)	CHECK BOX IF THE AGGREGATE AMOUNT IN ROW (9) EXCLUDES CERTAIN SHARES ** [ ]				
(11)					
(12)	TYPE C	OF REPORTING PERSON **			
		** SEE INSTRUCTIONS BEFORE FI	TITING OUT!		

\*\* SEE INSTRUCTIONS BEFORE FILLING OUT!

filed on May 26, 2006 (as amended, the "Schedule 13G") with respect to shares of common stock (the "Common Stock") of Enzon Pharmaceuticals, Inc., a Delaware corporation (the "Company"). Capitalized terms used herein and not otherwise defined in this Amendment have the meanings set forth in the Schedule 13G. This Amendment amends and restates Items 2(a), 2(b), 2(c), 4 and 8 in their entirety as set forth below.

Item 2(a). Name of Person Filing
Item 2(b). Address of Principal Business Office
Item 2(c). Citizenship

HIGHBRIDGE INTERNATIONAL LLC c/o Harmonic Fund Services The Cayman Corporate Centre, 4th Floor 27 Hospital Road Grand Cayman, Cayman Islands, British West Indies Citizenship: Cayman Islands, British West Indies

HIGHBRIDGE CONVERTIBLE ARBITRAGE MASTER FUND, L.P. c/o Highbridge Capital Manangement, LLC 9 West 57th Street, 27th Floor New York, New York 10019 Citizenship: Cayman Islands, British West Indies

HIGHBRIDGE CAPITAL CORPORATION c/o Harmonic Fund Services The Cayman Corporate Centre, 4th Floor 27 Hospital Road Grand Cayman, Cayman Islands, British West Indies Citizenship: Cayman Islands, British West Indies

HIGHBRIDGE MASTER L.P. c/o Harmonic Fund Services The Cayman Corporate Centre, 4th Floor 27 Hospital Road Grand Cayman, Cayman Islands, British West Indies Citizenship: Cayman Islands, British West Indies

HIGHBRIDGE CAPITAL L.P. c/o Highbridge Capital Management, LLC 9 West 57th Street, 27th Floor New York, New York 10019 Citizenship: State of Delaware

HIGHBRIDGE GP, LTD. c/o Harmonic Fund Services The Cayman Corporate Centre, 4th Floor 27 Hospital Road Grand Cayman, Cayman Islands, British West Indies Citizenship: Cayman Islands, British West Indies

HIGHBRIDGE GP, LLC c/o Highbridge Capital Management, LLC 9 West 57th Street, 27th Floor New York, New York 10019 Citizenship: State of Delaware

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> HIGHBRIDGE CAPITAL MANAGEMENT, LLC IRS #: 20-1901985 9 West 57th Street, 27th Floor New York, New York 10019 Citizenship: State of Delaware

GLENN DUBIN c/o Highbridge Capital Management, LLC 9 West 57th Street, 27th Floor New York, New York 10019 Citizenship: United States

HENRY SWIECA

c/o Highbridge Capital Management, LLC
9 West 57th Street, 27th Floor
New York, New York 10019
Citizenship: United States

# Item 4. Ownership

Provide the following information regarding the aggregate number and percentage of the class of securities of the issuer identified in Item  $1.\,$ 

#### (a) Amount beneficially owned:

As of the date of this filing, Highbridge Master L.P., Highbridge Capital Corporation, Highbridge Capital L.P., Highbridge GP Ltd., Highbridge GP Ltd., Highbridge GP Ltc, Highbridge Capital Management, LLC, Glenn Dubin and Henry Swieca may be deemed the beneficial owner of 4.0% Convertible Senior Notes due 2013 convertible into 3,979,056 shares of Common Stock issuable to Highbridge International LLC. In addition, Highbridge Capital Management, LLC, Glenn Dubin and Henry Swieca may be deemed the beneficial owner of 4.0% Convertible Senior Notes due 2013 convertible into 1,047,120 shares of Common Stock issuable to Highbridge Convertible Arbitrage Master Fund, L.P.

Highbridge International LLC is a subsidiary of Highbridge Master L.P. Highbridge Capital Corporation and Highbridge Capital L.P. are limited partners of Highbridge Master L.P. Highbridge GP, Ltd. is the General Partner of Highbridge Master L.P. Highbridge GP, LtC is the General Partner of Highbridge Capital L.P. Highbridge Capital Management, LLC is the trading manager of Highbridge Capital Corporation, Highbridge Capital L.P., Highbridge Convertible Arbitrage Master Fund, L.P. and Highbridge Master L.P. Glenn Dubin is a Co-Chief Executive Officer of Highbridge Capital Management, LLC. Henry Swieca is a Co-Chief Executive Officer of Highbridge Capital Management, LLC. The foregoing should not be construed in and of itself as an admission by any Reporting Person as to beneficial ownership of shares of Common Stock owned by another Reporting Person. In addition, each of Highbridge Master L.P., Highbridge Capital Corporation, Highbridge Capital L.P., Highbridge GP, Ltd., Highbridge GP, LLC, Highbridge Capital Management, LLC, Glenn Dubin and Henry Swieca disclaims beneficial ownership of shares of Common Stock owned by Highbridge International LLC.

### (b) Percent of class:

Based on the Company's Prospectus filed on Form S-3/A on November 3, 2006, there were 43,897,988 shares of Common Stock outstanding as of October 31, 2006. Therefore, based on the Company's outstanding shares of Common Stock and the Common Stock issuable upon the conversion of the 4.0% Convertible Senior Notes due 2013, issued by the Company, (i) Highbridge International LLC, Highbridge Master L.P., Highbridge Capital Corporation, Highbridge Capital L.P., Highbridge GP Ltd., Highbridge GP LLC may be deemed to beneficially own approximately 8.31% of the outstanding shares of Common Stock of the Company, (ii) Highbridge Convertible Arbitrage Master Fund, L.P. may be deemed to beneficially own approximately 2.33% of the outstanding shares of Common Stock of the Company, (iii) Highbridge Capital Management, LLC may be deemed to beneficially own approximately 10.27% of the outstanding shares of Common Stock of the Company. The foregoing should not be construed in and of itself as an admission by any Reporting Person as to beneficial ownership of shares of Common Stock owned by another Reporting Person.

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- (c) Number of shares as to which such person has:
  - (i) Sole power to vote or to direct the vote

0

- (iii) Sole power to dispose or to direct the disposition

Ω

(iv) Shared power to dispose or to direct the disposition of

See Item 4(a)

Item 8. Identification and Classification of Members of the Group See Exhibit I.

#### Exhibits:

Exhibit I: Joint Filing Agreement, dated as of February 14, 2007, by and among Highbridge International LLC, Highbridge Convertible Arbitrage Master Fund, L.P., Highbridge Capital Corporation, Highbridge Capital L.P., Highbridge Master L.P., Highbridge GP, Ltd., Highbridge GP, LLC, Highbridge Capital Management, LLC, Glenn Dubin and Henry Swieca.

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# SIGNATURES

After reasonable inquiry and to the best of its knowledge and belief, each of the undersigned certifies that the information with respect to it set forth in this statement is true, complete, and correct.

Dated: February 14, 2007

HIGHBRIDGE INTERNATIONAL LLC

HIGHBRIDGE CAPITAL L.P.

By: Highbridge Capital Management, LLC By: Highbridge GP, LLC

its Trading Manager

its General Partner

By: /s/ Carolyn Rubin

By: /s/ Clive Harris -----

\_\_\_\_\_ Name: Carolyn Rubin

Name: Clive Harris

Title: Managing Director

Title: Director

HIGHBRIDGE CAPITAL CORPORATION

HIGHBRIDGE GP, LTD.

By: Highbridge Capital Management, LLC

its Trading Manager

By: /s/ Clive Harris

\_\_\_\_\_ Name: Clive Harris

Title: Director

By: /s/ Carolyn Rubin

Name: Carolyn Rubin

Title: Managing Director

HIGHBRIDGE MASTER L.P.

HIGHBRIDGE CAPITAL MANAGEMENT, LLC

By: Highbridge GP, Ltd. its General Partner

By: /s/ Carolyn Rubin

Name: Carolyn Rubin Title: Managing Director

By: /s/ Clive Harris

Name: Clive Harris Title: Director

HIGHBRIDGE GP, LLC

By: /s/ Clive Harris /s/ Henry Swieca

\_\_\_\_\_ \_\_\_\_\_ HENRY SWIECA

13G/A

Name: Clive Harris

Title: Director

CUSIP No. 293904108

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HIGHBRIDGE CONVERTIBLE ARBITRAGE

MASTER FUND, L.P.

By: Highbridge Capital Management, LLC

its Trading Manager

/s/ Glenn Dubin \_\_\_\_\_

GLENN DUBIN

By: /s/ Carolyn Rubin

\_\_\_\_\_

Name: Carolyn Rubin Title: Managing Director

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EXHIBIT I

# JOINT FILING AGREEMENT

This will confirm the agreement by and among the undersigned that the Schedule 13G filed with the Securities and Exchange Commission on or about the date hereof with respect to the beneficial ownership by the undersigned of the Common Stock, \$0.01 par value, of Enzon Pharmaceuticals, Inc., is being filed, and all amendments thereto will be filed, on behalf of each of the persons and entities named below in accordance with Rule 13d-1(k) under the Securities Exchange Act of 1934, as amended. This Agreement may be executed in two or more counterparts, each of which shall be deemed an original, but all of which together shall constitute one and the same instrument.

Dated as of February 14, 2006

HIGHBRIDGE INTERNATIONAL LLC HIGHBRIDGE CAPITAL L.P.

By: Highbridge Capital Management, LLC By: Highbridge GP, LLC its Trading Manager its General Partner

By: /s/ Carolyn Rubin By: /s/ Clive Harris

\_\_\_\_\_\_ \_\_\_\_\_

Name: Carolyn Rubin Name: Clive Harris Title: Director Title: Managing Director

HIGHBRIDGE CAPITAL CORPORATION HIGHBRIDGE GP, LTD.

By: Highbridge Capital Management, LLC

By: /s/ Clive Harris its Trading Manager

> Name: Clive Harris Title: Director

By: /s/ Carolyn Rubin

\_\_\_\_\_

Name: Carolyn Rubin Title: Managing Director

HIGHBRIDGE MASTER L.P. HIGHBRIDGE CAPITAL MANAGEMENT, LLC

By: Highbridge GP, Ltd. By: /s/ Carolyn Rubin

its General Partner \_\_\_\_\_

Name: Carolyn Rubin Title: Managing Director

By: /s/ Clive Harris -----Name: Clive Harris Title: Director HIGHBRIDGE GP, LLC By: /s/ Clive Harris /s/ Henry Swieca ..... Name: Clive Harris HENRY SWIECA Title: Director CUSIP No. 293904108 13G/A Page 18 of 18 Pages HIGHBRIDGE CONVERTIBLE ARBITRAGE MASTER FUND, L.P. By: Highbridge Capital Management, LLC /s/ Glenn Dubin its Trading Manager

By: /s/ Carolyn Rubin

Name: Carolyn Rubin Title: Managing Director