

**FORM 4**

**UNITED STATES SECURITIES AND EXCHANGE COMMISSION**

Washington, D.C. 20549

<b>OMB APPROVAL</b>	
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Check this box if no longer subject to Section 16. Form 4 or Form 5 obligations may continue. See Instruction 1(b).

**STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP**

Filed pursuant to Section 16(a) of the Securities Exchange Act of 1934 or Section 30(h) of the Investment Company Act of 1940

1. Name and Address of Reporting Person* <u>BUCHALTER JEFFREY H</u> <hr/> (Last) (First) (Middle) <u>C/O ENZON PHARMACEUTICALS</u> <u>685 ROUTE 202/206</u> <hr/> (Street) <u>BRIDGEWATER NJ</u> <u>08807</u> <hr/> (City) (State) (Zip)	2. Issuer Name and Ticker or Trading Symbol <u>ENZON PHARMACEUTICALS INC [</u> <u>ENZN ]</u>	5. Relationship of Reporting Person(s) to Issuer (Check all applicable) <input checked="" type="checkbox"/> Director 10% Owner <input checked="" type="checkbox"/> Officer (give title below) Other (specify below) <p style="text-align: center;"><b>CEO &amp; President</b></p>
	3. Date of Earliest Transaction (Month/Day/Year) <u>01/17/2010</u>	
4. If Amendment, Date of Original Filed (Month/Day/Year)		

**Table I - Non-Derivative Securities Acquired, Disposed of, or Beneficially Owned**

1. Title of Security (Instr. 3)	2. Transaction Date (Month/Day/Year)	2A. Deemed Execution Date, if any (Month/Day/Year)	3. Transaction Code (Instr. 8)		4. Securities Acquired (A) or Disposed Of (D) (Instr. 3, 4 and 5)			5. Amount of Securities Beneficially Owned Following Reported Transaction(s) (Instr. 3 and 4)	6. Ownership Form: Direct (D) or Indirect (I) (Instr. 4)	7. Nature of Indirect Beneficial Ownership (Instr. 4)
			Code	V	Amount	(A) or (D)	Price			
Common Stock <sup>(1)</sup>	01/17/2010		J <sup>(1)</sup>	V	66,666	A	(1)	530,656 <sup>(2)</sup>	D	
Common Stock <sup>(3)</sup>	01/17/2010		J <sup>(3)</sup>	V	33,333	A	(3)	530,656 <sup>(4)</sup>	D	
Common Stock	01/17/2010		F <sup>(5)</sup>		39,391	D	\$10.91	491,265	D	

**Table II - Derivative Securities Acquired, Disposed of, or Beneficially Owned (e.g., puts, calls, warrants, options, convertible securities)**

1. Title of Derivative Security (Instr. 3)	2. Conversion or Exercise Price of Derivative Security	3. Transaction Date (Month/Day/Year)	3A. Deemed Execution Date, if any (Month/Day/Year)	4. Transaction Code (Instr. 8)		5. Number of Derivative Securities Acquired (A) or Disposed of (D) (Instr. 3, 4 and 5)	6. Date Exercisable and Expiration Date (Month/Day/Year)		7. Title and Amount of Securities Underlying Derivative Security (Instr. 3 and 4)	8. Price of Derivative Security (Instr. 5)	9. Number of derivative Securities Beneficially Owned Following Reported Transaction(s) (Instr. 4)	10. Ownership Form: Direct (D) or Indirect (I) (Instr. 4)	11. Nature of Indirect Beneficial Ownership (Instr. 4)
				Code	V		Date Exercisable	Expiration Date					

**Explanation of Responses:**

- Shares acquired upon vesting of restricted stock granted to the Reporting Person on January 17, 2008 and reported on a Form 4 filed on January 18, 2008.
- The Reporting Person previously reported all restricted stock granted to the Reporting Person on January 17, 2008 in Table I of the Form 4 filed on January 18, 2008. As such, no adjustment to the Reporting Person's beneficial ownership needs to be made to reflect this vesting event.
- Shares acquired upon vesting of restricted stock units granted to the Reporting Person on January 17, 2007 and reported on a Form 4 filed on January 19, 2007.
- The Reporting Person previously reported all restricted stock units granted to the Reporting Person on January 17, 2007 in Table I of the Form 4 filed on January 19, 2007. As such, no adjustment to the Reporting Person's beneficial ownership needs to be made to reflect this vesting event.
- Shares were withheld from the Reporting Person, in an exempt transaction under Rule 16b-3, solely to satisfy tax obligations arising from the vesting of the restricted stock and restricted stock units described in this Form 4.

/s/ Craig A. Tooman, 01/20/2010  
Attorney-In-Fact  
 \*\* Signature of Reporting Person Date

Reminder: Report on a separate line for each class of securities beneficially owned directly or indirectly.

\* If the form is filed by more than one reporting person, see Instruction 4 (b)(v).

\*\* Intentional misstatements or omissions of facts constitute Federal Criminal Violations See 18 U.S.C. 1001 and 15 U.S.C. 78ff(a).

Note: File three copies of this Form, one of which must be manually signed. If space is insufficient, see Instruction 6 for procedure.

Persons who respond to the collection of information contained in this form are not required to respond unless the form displays a currently valid OMB Number.