

OMB APPROVAL	
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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

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

1. Name and Address of Reporting Person* <u>ICAHN CARL C</u> (Last) (First) (Middle) <u>C/O ICAHN CAPITAL LP</u> <u>16690 COLLINS AVENUE - PH-1</u> (Street) <u>SUNNY ISLES FL 33160</u> <u>BEACH</u> (City) (State) (Zip)	2. Issuer Name and Ticker or Trading Symbol <u>ENZON PHARMACEUTICALS, INC. [ENZN]</u>	5. Relationship of Reporting Person(s) to Issuer (Check all applicable) Director <input checked="" type="checkbox"/> 10% Owner Officer (give title below) <input type="checkbox"/> Other (specify below)
	3. Date of Earliest Transaction (Month/Day/Year) <u>10/09/2020</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 ⁽¹⁾	10/09/2020		X ⁽⁶⁾		29,457,750	A	(6)	36,056,636 ⁽⁶⁾	I	Please see footnotes ⁽¹⁾⁽²⁾⁽³⁾⁽⁴⁾⁽⁵⁾
Preferred Stock ⁽¹⁾	10/09/2020		X ⁽⁶⁾		39,277	A	(6)	39,277 ⁽⁶⁾	I	Please see footnotes ⁽¹⁾⁽²⁾⁽³⁾⁽⁴⁾⁽⁵⁾

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	(A)	(D)	Date Exercisable	Expiration Date						Title
Subscription Rights (right to buy)	\$1,090	10/09/2020		X ⁽⁶⁾		39,277		09/23/2020	10/09/2020	Units consisting of Common and Preferred Stock	(6)	\$0.00	0	I	Please see footnotes ⁽¹⁾⁽²⁾⁽³⁾⁽⁴⁾⁽⁵⁾

Explanation of Responses:

- Icahn Partners LP ("Icahn Partners") directly beneficially owns 21,132,725 shares of Common Stock, \$0.01 par value per share ("Common Stock"), and 22,975 shares of Series C?Non-Convertible Redeemable?Preferred Stock, \$0.01 par value per share ("Preferred Stock"), and Icahn Partners Master Fund LP ("Icahn Master") directly beneficially owns 14,923,911 shares of Common Stock and 16,302 shares of Preferred Stock.
- Beckton Corp. ("Beckton") is the sole stockholder of Icahn Enterprises G.P. Inc. ("Icahn Enterprises GP"), which is the general partner of Icahn Enterprises Holdings L.P. ("Icahn Enterprises Holdings"). Icahn Enterprises Holdings is the sole member of IPH GP LLC ("IPH"), which is the general partner of Icahn Capital LP ("Icahn Capital"). Icahn Capital is the general partner of each of Icahn Onshore LP ("Icahn Onshore") and Icahn Offshore LP ("Icahn Offshore"). Icahn Onshore is the general partner of Icahn Partners. Icahn Offshore is the general partner of Icahn Master.
- Beckton is 100 percent owned by Carl C. Icahn. As such, Mr. Icahn is in a position indirectly to determine the investment and voting decisions made by each of Icahn Partners and Icahn Master.
- Each of Icahn Onshore, Icahn Capital, IPH, Icahn Enterprises Holdings, Icahn Enterprises GP, Beckton and Mr. Icahn may be deemed to indirectly beneficially own (as that term is defined in Rule 13d-3 under the Act) the shares of Common Stock and Preferred Stock which Icahn Partners owns. Each of Icahn Onshore, Icahn Capital, IPH, Icahn Enterprises Holdings, Icahn Enterprises GP, Beckton and Mr. Icahn disclaims beneficial ownership of such shares except to the extent of their pecuniary interest therein.
- Each of Icahn Offshore, Icahn Capital, IPH, Icahn Enterprises Holdings, Icahn Enterprises GP, Beckton and Mr. Icahn may be deemed to indirectly beneficially own (as that term is defined in Rule 13d-3 under the Act) the shares of Common Stock and Preferred Stock which Icahn Master owns. Each of Icahn Offshore, Icahn Capital, IPH, Icahn Enterprises Holdings, Icahn Enterprises GP, Beckton and Mr. Icahn disclaims beneficial ownership of such shares except to the extent of their pecuniary interest therein.
- On October 9, 2020, the subscription rights distributed by the Issuer in connection with its rights offering (the "Rights Offering") expired. The Reporting Persons acquired an aggregate of 39,277 units, at a price per unit of \$1,090, for an aggregate purchase price of \$42,811,930, constituting (x) the Reporting Persons' pro-rata share of the units issued in the Rights Offering (5,971 units) and (y) all units that remained unsubscribed for by other holders at the expiration of the Rights Offering (33,306 units). Each unit acquired by the Reporting Persons consisted of 750 shares of Common Stock and one share of Preferred Stock, resulting in the acquisition by the Reporting Persons of an aggregate of 29,457,750 shares of Common Stock and 39,277 shares of Preferred Stock.

/s/ Carl C. Icahn

10/14/2020

** 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.