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

### SCHEDULE 13D

Under the Securities Exchange Act of 1934 (Amendment No. 11)\*

> Enzon Pharmaceuticals, Inc. (Name of Issuer)

Common Stock, Par Value \$0.01 (Title of Class of Securities)

> 293904108 (CUSIP Number)

Jesse Lynn, Esq. Icahn Capital LP 16690 Collins Avenue, Suite PH-1 Sunny Isles Beach, FL 33160 (305) 422-4000

(Name, Address and Telephone Number of Person Authorized to Receive Notices and Communications)

August 4, 2020 (Date of Event which Requires Filing of this Statement)

If the filing person has previously filed a statement on Schedule 13G to report the acquisition that is the subject of this Schedule 13D, and is filing this schedule because of Section 240.13d-1(e), 240.13d-1(f) or 240.13d-1(g), check the following box / /.

NOTE: Schedules filed in paper format shall include a signed original and five copies of the schedule, including all exhibits. See Rule 13d-7 for other parties to whom copies are to be sent.

\*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 ("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).

### SCHEDULE 13D

# Item 1. Security and Issuer

This statement constitutes Amendment No. 11 to the Schedule 13D relating to the shares of Common Stock, par value \$0.01 per share (the "<u>Shares</u>"), issued by Enzon Pharmaceuticals, Inc., a Delaware corporation (the "<u>Issuer</u>"), and amends the Schedule 13D relating to the Shares filed on March 14, 2008 (as previously amended, the "<u>Original 13D</u>"), on behalf of the Reporting Persons (as defined in the Original 13D). Capitalized terms used herein and not otherwise defined have the respective meanings ascribed thereto in the Original 13D.

Item 4. Purpose of Transaction

Item 4 of the Original 13D is hereby amended by adding the following:

On August 4, 2020, the Issuer appointed Jordan Bleznick as a director. Mr. Bleznick is an employee of Icahn Enterprises L.P., an affiliate of the Reporting Persons.

#### SIGNATURE

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

Dated: August 7, 2020

ICAHN PARTNERS LP ICAHN PARTNERS MASTER FUND LP ICAHN ONSHORE LP ICAHN OFFSHORE LP ICAHN CAPITAL LP IPH GP LLC

By: <u>/s/ Irene March</u> Name: Irene March Title: Executive Vice President

BECKTON CORP.

By: <u>/s/ Irene March</u> Name: Irene March Title: Executive Vice President

ICAHN ENTERPRISES HOLDINGS L.P. By: Icahn Enterprises G.P. Inc., its general partner ICAHN ENTERPRISES G.P. INC.

By: <u>/s/ SungHwan Cho</u> Name: SungHwan Cho Title: Chief Financial Officer

<u>/s/ Carl C. Icahn</u> CARL C. ICAHN

[Signature Page of Amendment No. 11 to Schedule 13D – Enzon Pharmaceuticals, Inc.]