UNITED STATES SECURITIES AND EXCHANGE COMMISSION

Washington, D.C. 20549

FORM 8-K

CURRENT REPORT

Pursuant to Section 13 OR 15(d) of The Securities Exchange Act of 1934

Date of Report (Date of earliest event reported): December 18, 2024

ENZON PHARMACEUTICALS, INC.

(Exact name of registrant as specified in its charter)

Delaware

001-36435 (Commission File Number) 22-2372868

(State or other jurisdiction of incorporation)

(IRS Employer Identification No.)

20 Commerce Drive (Suite 135), Cranford, New Jersev

(Address of principal executive offices)

07016 (Zip Code)

(732) 980-4500

(Registrant's telephone number, including area code)

Not Applicable

(Former name or former address, if changed since last report)

Check the appropriate box below if the Form 8-K filing is intended to simultaneously satisfy the filing obligation of the registrant under any of the following provisions:

Written communications pursuant to Rule 425 under the Securities Act (17 CFR 230.425)

Soliciting material pursuant to Rule 14a-12 under the Exchange Act (17 CFR 240.14a-12)

□ Pre-commencement communications pursuant to Rule 14d-2(b) under the Exchange Act (17 CFR 240.14d-2(b))

□ Pre-commencement communications pursuant to Rule 13e-4(c) under the Exchange Act (17 CFR 240.13e-4(c))

Securities registered pursuant to Section 12(b) of the Act:

Title of Each Class	Trading Symbol(s)	Name of Each Exchange on Which Registered
None	N/A	N/A

Indicate by check mark whether the registrant is an emerging growth company as defined in Rule 405 of the Securities Act of 1933 (§230.405 of this chapter) or Rule 12b-2 of the Securities Exchange Act of 1934 (§240.12b-2 of this chapter).

Emerging growth company \Box

If an emerging growth company, indicate by check mark if the registrant has elected not to use the extended transition period for complying with any new or revised financial accounting standards provided pursuant to Section 13(a) of the Exchange Act. \Box

Item 8.01 Other Events

The Board of Directors of Enzon Pharmaceuticals, Inc. (the "Company"), with respect to the fiscal year ending December 31, 2024, declared the payment of the 3% cash dividend to the holders of its 40,000 outstanding shares of Series C Non-Convertible Redeemable Preferred Stock (the "Series C Preferred Stock") in an aggregate amount of \$1,274,400, or \$31.86 per share of Series C Preferred Stock. The dividends will be paid on January 9, 2025, to the holders of record of the Company's Series C Preferred Stock as of January 2, 2025.

SIGNATURES

Pursuant to the requirements of the Securities Exchange Act of 1934, the registrant has duly caused this report to be signed on its behalf by the undersigned hereunto duly authorized.

ENZON PHARMACEUTICALS, INC.

(Registrant)

Date: December 27, 2024

By: /s/ Richard L. Feinstein Name: Richard L. Feinstein

Title: Chief Executive Officer, Chief Financial Officer and Secretary