SECURITIES AND EXCHANGE COMMISSION
Washington, D.C. 20549

SCHEDULE 13G

UNDER THE SECURITIES EXCHANGE ACT OF 1934

Seaport Therapeutics, Inc.

(Name of Issuer)

Voting Common Stock, $0.0001 par value per share

(Title of Class of Securities)

(CUSIP Number)

06/30/2026

(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)

☐ Rule 13d-1(c)

☑ Rule 13d-1(d)

SCHEDULE 13G

CUSIP No.

1	Names of Reporting Persons Zohar Daphne	
2	Check the appropriate box if a member of a Group (see instructions) ☐ (a) ☐ (b)	
3	Sec Use Only	
4	Citizenship or Place of Organization UNITED STATES	
Number of Shares Beneficially	5	Sole Voting Power 5,225,497.00

Owned by Each Reporting Person With:	6	Shared Voting Power 0.00	
	7	Sole Dispositive Power 5,225,497.00	
	8	Shared Dispositive Power 0.00	

9	Aggregate Amount Beneficially Owned by Each Reporting Person 5,225,497.00
10	Check box if the aggregate amount in row (9) excludes certain shares (See Instructions) ☐
11	Percent of class represented by amount in row (9) 9.1 %
12	Type of Reporting Person (See Instructions) IN

SCHEDULE 13G

Item 1.

(a) Name of issuer:

Seaport Therapeutics, Inc.

(b) Address of issuer's principal executive offices:

101 Seaport Blvd., Floor 12, Boston, MA 02210

Item 2.

(a) Name of person filing:

This statement is filed on behalf of Daphne Zohar (the "Reporting Person").

(b) Address or principal business office or, if none, residence:

The address of the principal business office of the Reporting Person is 101 Seaport Blvd., Floor 12, Boston, MA 02210.

(c) Citizenship:

The Reporting Person is a citizen of the United States.

(d) Title of class of securities:

Voting Common Stock, $0.0001 par value per share

(e) CUSIP No.:

Item 3. If this statement is filed pursuant to §§ 240.13d-1(b) or 240.13d-2(b) or (c), check whether the person filing is a:

(a) ☐ Broker or dealer registered under section 15 of the Act (15 U.S.C. 78o);

(b) ☐ Bank as defined in section 3(a)(6) of the Act (15 U.S.C. 78c);

(c) ☐ Insurance company as defined in section 3(a)(19) of the Act (15 U.S.C. 78c);

(d) ☐ Investment company registered under section 8 of the Investment Company Act of 1940 (15 U.S.C. 80a-8);

(e) ☐ An investment adviser in accordance with § 240.13d-1(b)(1)(ii)(E);

(f) ☐ An employee benefit plan or endowment fund in accordance with § 240.13d-1(b)(1)(ii)(F);

(g) ☐ A parent holding company or control person in accordance with § 240.13d-1(b)(1)(ii)(G);

(h) ☐ A savings associations as defined in Section 3(b) of the Federal Deposit Insurance Act (12 U.S.C. 1813);

(i) ☐ A church plan that is excluded from the definition of an investment company under section 3(c)(14) of the Investment Company Act of 1940 (15 U.S.C. 80a-3);

(j) ☐ A non-U.S. institution in accordance with § 240.13d-1(b)(1)(ii)(J). If filing as a non-U.S. institution in accordance with § 240.13d-1(b)(1)(ii)(J),
please specify the type of institution:

(k) ☐ Group, in accordance with Rule 240.13d-1(b)(1)(ii)(K).

Item 4. Ownership

(a) Amount beneficially owned:

The ownership information below represents beneficial ownership of Voting Common Stock, par value $0.0001 per share ("Common Stock") of the Issuer as of June 30, 2026, based upon 53,530,550 shares of Common Stock outstanding as of June 30, 2026, as provided by the Issuer. The Reporting Person is deemed to be the beneficial owner of 5,225,497 shares of Common Stock, consisting of (i) 1,194,001 shares of Common Stock held of record by the Reporting Person and (ii) 4,031,496 shares of Common Stock subject to stock options exercisable within 60 days of June 30, 2026 by the Reporting Person.

(b) Percent of class:

9.1 %

(c) Number of shares as to which the person has:

(i) Sole power to vote or to direct the vote:

5,225,497

(ii) Shared power to vote or to direct the vote:

0

(iii) Sole power to dispose or to direct the disposition of:

5,225,497

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

0

Item 5. Ownership of 5 Percent or Less of a Class.

Item 6. Ownership of more than 5 Percent on Behalf of Another Person.

Not Applicable

Item 7. Identification and Classification of the Subsidiary Which Acquired the Security Being Reported on by the Parent Holding Company or Control Person.

Not Applicable

Item 8. Identification and Classification of Members of the Group.

Not Applicable

Item 9. Notice of Dissolution of Group.

Not Applicable

Item 10. Certifications:

Not Applicable

SIGNATURE

After reasonable inquiry and to the best of my knowledge and belief, I certify that the information set forth in this statement is true, complete and correct.

Zohar Daphne

Signature: /s/ Daphne Zohar
Name/Title: Daphne Zohar
Date: 08/05/2026