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

## SCHEDULE 13G

Under the Securities Exchange Act of 1934 (Amendment No. 7)\*

## Enzo Biochem, Inc.

(Name of Issuer)

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

294100102 (CUSIP Number)

December 31, 2021 (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)  |             |   |   |  |          |  |  |  |
| subsequen<br>T                      | t amendment containi<br>he information requir                              | ng inform   | ation which would alter the dis<br>remainder of this cover page s | closures provided in a prior cov<br>hall not be deemed to be "filed | d" for the purpose of Section 18 of the Securities Exchange Act of 193 |          |  |  |  |
| ("Act") or                          | otherwise subject to t   | ne habiliti | ies of that section of the Act bu                                 | t snall be subject to all other pro                                 | rovisions of the Act (however, see the Notes).                         |          |  |  |  |
|                                     |  |             |   |   |  | _        |  |  |  |
| CUSIP N                             | O. <u>294100102</u>  |             |   | 13G   | Page 2 of 7 Pages  |          |  |  |  |
| 1                                   | NAME OF REPOR  |             |   |   |  |          |  |  |  |
| _                                   | Evermore Global A  |             |   |   |  |          |  |  |  |
| 2                                   | CHECK THE APPROPRIATE BOX IF A MEMBER OF A GROUP (see instructions)  (a) □ |             |   |   |  |          |  |  |  |
|                                     |  |             |   |   | (b) C  | <u> </u> |  |  |  |
| 3                                   | SEC USE ONLY   |             |   |   |  |          |  |  |  |
| 4                                   | CITIZENSHIP OR   | PLACE O     | OF ORGANIZATION   |   |  |          |  |  |  |
|                                     | Delaware   |             |   |   |  |          |  |  |  |
|                                     |  | 5           | SOLE VOTING POWER   |   |  |          |  |  |  |
|                                     | LD (DED OF   |             | 0 (See Item 4)  |   |  |          |  |  |  |
|                                     | UMBER OF<br>SHARES   | 6           | SHARED VOTING POWER   | ₹   |  |          |  |  |  |
|                                     | BENEFICIALLY<br>OWNED BY   |             | 0 (See Item 4)  |   |  |          |  |  |  |
| EACH<br>REPORTING<br>PERSON<br>WITH |  | 7           | SOLE DISPOSITIVE POWI   | ER  |  |          |  |  |  |
|                                     |  |             | 0 (See Item 4)  |   |  |          |  |  |  |
|                                     |  | 8           | SHARED DISPOSITIVE PO   | OWER  |  |          |  |  |  |
|                                     |  |             |   |   |  |          |  |  |  |
| 9                                   | AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON               |             |   |   |  |          |  |  |  |
|                                     | 0  |             |   |   |  |          |  |  |  |
| 10                                  | CHECK BOX IF THE AGGREGATE AMOUNT IN ROW (9) EXCLUDES CERTAIN SHARES       |             |   |   |  |          |  |  |  |
|                                     | (see instructions)   |             |   |   |  |          |  |  |  |
|                                     | I.   |             |   |   |  |          |  |  |  |

| 11                 | PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW 9              |                          |                                     |                                |  |                   |  |  |
|--------------------|--|--------------------------|-------------------------------------|--------------------------------|--|-------------------|--|--|
|                    | 0.0%   |                          |                                     |                                |  |                   |  |  |
| 12                 | TYPE OF REPORTING PERSON (see instructions)                  |                          |                                     |                                |  |                   |  |  |
|                    | IA   |                          |                                     |                                |  |                   |  |  |
|                    |  |                          |                                     |                                |  |                   |  |  |
|                    |  |                          |                                     |                                |  |                   |  |  |
|                    |  |                          |                                     |                                |  |                   |  |  |
| CUSIP N            | NO. <u>294100102</u>   |                          |                                     | 13G                            | Page 3 of 7 Pages  |                   |  |  |
| 1                  | NAME OF REPOR  | TING PE                  | RSON                                |                                |  |                   |  |  |
|                    | Evermore Global Value Fund, a series of Evermore Funds Trust |                          |                                     |                                |  |                   |  |  |
| 2                  | CHECK THE APPROPRIATE BOX IF A MEMBER OF A GROUP             |                          |                                     |                                |  |                   |  |  |
|                    | (see instructions)   |                          |                                     |                                |  | (a) 🗆             |  |  |
| 3                  | SEC USE ONLY   |                          |                                     |                                |  | (b) 🗆             |  |  |
| <i></i>            | SEC USE OIVET  |                          |                                     |                                |  |                   |  |  |
| 4                  | CITIZENSHIP OR   | PLACE C                  | OF ORGANIZATION                     |                                |  |                   |  |  |
|                    | Massachusetts  | 1                        | T                                   |                                |  |                   |  |  |
|                    |  | 5                        | SOLE VOTING POWER                   | R                              |  |                   |  |  |
| N                  | UMBER OF   |                          | 0 <sup>1</sup> (See Item 4)         |                                |  |                   |  |  |
|                    | SHARES<br>ENEFICIALLY  | 6                        | SHARED VOTING POW                   | VER                            |  |                   |  |  |
|                    | OWNED BY   |                          | 0 (See Item 4)                      |                                |  |                   |  |  |
| R                  | EACH<br>REPORTING  | 7                        | SOLE DISPOSITIVE PO                 | OWER                           |  |                   |  |  |
|                    | PERSON<br>WITH   |                          | 0 <sup>2</sup> (See Item 4)         |                                |  |                   |  |  |
|                    |  | 8                        | SHARED DISPOSITIVE                  | E POWER                        |  |                   |  |  |
|                    |  |                          | 0 (See Item 4)                      |                                |  |                   |  |  |
| 9                  |  | OUNT BI                  | ENEFICIALLY OWNED B                 | SY EACH REPORTING PERSO        | ON   |                   |  |  |
| 10                 | 0  | TE ACCE                  | DECATE AMOUNT IN DO                 | W (0) EVOLUDES CERTAIN         | CHARE  |                   |  |  |
| 10                 |  | HE AGGR                  | REGATE AMOUNT IN RO                 | W (9) EXCLUDES CERTAIN         | SHARES   |                   |  |  |
| 11                 | (see instructions)   | SS DEDE                  | PESENTED BY AMOUNT                  | IN POW 0                       |  |                   |  |  |
| 11                 | PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW 9              |                          |                                     |                                |  |                   |  |  |
| 12                 | 0.0%  TYPE OF REPORTING PERSON                               |                          |                                     |                                |  |                   |  |  |
| (see instructions) |  |                          |                                     |                                |  |                   |  |  |
|                    | IV   |                          |                                     |                                |  |                   |  |  |
|                    |  |                          |                                     |                                |  |                   |  |  |
| o rescind          | this authority upon pr                                       | egated all<br>oper notic | authority to vote and dispose<br>e. | e of shares of common stock of | f the Issuer owned by it to Evermore Global Advisors, LLC, b | out has the right |  |  |
|                    |  |                          |                                     |                                |  |                   |  |  |
|                    |  |                          |                                     |                                |  |                   |  |  |
| CHCIP              | IO 204100102   |                          |                                     | 120                            | D 4  |                   |  |  |
|                    | NO. <u>294100102</u>   |                          |                                     | 13G                            | Page 4 of 7 Pages  |                   |  |  |
| tem 1.             |  |                          |                                     |                                |  |                   |  |  |
| (a)                | Name of Issuer   |                          |                                     |                                |  |                   |  |  |
|                    | Enzo Bio   | chem, Inc                | c.                                  |                                |  |                   |  |  |

Item 2.

(b)

Address of Issuer's Principal Executive Offices.

527 Madison Avenue New York, NY 10022

| (a)  | Name of Persons Filing.  |  |   |  |  |  |  |  |  |
|--|--|--|---|--|--|--|--|--|--|
|  |  | chedule 13G/A is being jointly filed tively, the " <u>Reporting Persons</u> ").    | d by Evermore Global Advisors, LLC  | C and Evermore Global Value Fund, a series of Evermore Funds Trust |  |  |  |  |  |
| (b)  | Address of P   | rincipal Business Office or, if none, R  | Residence.  |  |  |  |  |  |  |
|  |  | nmit Avenue<br>it, NJ 07901  |   |  |  |  |  |  |  |
| (c)  | Citizenship.   |  |   |  |  |  |  |  |  |
|  | EGA is   | s a Delaware limited liability compan  | y. EGVF is a Massachusetts business   | trust.   |  |  |  |  |  |
| (d)  | Title of Class of Securities.  |  |   |  |  |  |  |  |  |
|  | Common Stock – \$0.01 par value  |  |   |  |  |  |  |  |  |
| (e)  | CUSIP Number.  |  |   |  |  |  |  |  |  |
| 294100102  |  |  |   |  |  |  |  |  |  |
|  |  |  |   |  |  |  |  |  |  |
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|  |  |  |   |  |  |  |  |  |  |
| tem 3.   | If this statem   | ent is filed pursuant to §240.13d-1(b)   | , or §240.13d-2(b) or (c), check wheth                                      | ner the person filing is a:  |  |  |  |  |  |
| (a)<br>(b)   |  | or or dealer registered under section 1:<br>as defined in section 3(a)(6) of the A |   |  |  |  |  |  |  |
| (c)<br>(d)   | ☐ Insura   | ince company as defined in section 3(  |   | of 1940 (15 U.S.C. 80a-8):   |  |  |  |  |  |
| (e)  |  | vestment adviser in accordance with  | § 240.13d-1(b)(1)(ii)(E);   |  |  |  |  |  |  |
| (f)<br>(g)   | ☐ An en☐ A pare  | aployee benefit plan or endowment for<br>ent holding company or control perso      | and in accordance with § 240.13d-1(b) on in accordance with § 240.13d-1(b)( | )(1)(ii)(F);<br>1)(ii)(G);   |  |  |  |  |  |
| (h)<br>(i)   | ☐ A sav  | ings association as defined in Section   | 3(b) of the Federal Deposit Insurance                                       | e Act (12 U.S.C. 1813);  |  |  |  |  |  |
| . ,  | 80a-3  | 80a-3);  |   |  |  |  |  |  |  |
| (j) a non-U.S. institution in accordance with § 240.13d-1(b)(1)(ii)(J); (k) Group, in accordance with § 240.13d-1(b)(1)(ii)(K). If filing as a non-U.S. institution in accordance with § 240.13d-1(b)(1)(ii)(J), please specific of institution: |  |  |   |  |  |  |  |  |  |
| tem 4.   | Ownership.   |  |   |  |  |  |  |  |  |
|  | The securities reported herein are beneficially owned by the Evermore Global Value Fund, a series of Evermore Funds Trust ( <u>EGVF</u> "), an investment company registered under the Investment Company Act of 1940, and other managed account clients of Evermore Global Advisors, LLC ("EGA"). EGA is an investment adviser registered under the Investment Advisers Act of 1940. Pursuant to the investment advisory agreements entered into by EGA and each of Evermore Funds Trust (of which EGVF is a series) and its other managed account clients, sole investment discretion and voting power over the securities held by such persons has been delegated to EGA, although these agreements and the authority granted to EGA thereunder may be terminated without penalty upon proper notice. |  |   |  |  |  |  |  |  |
| (a)  | Amount Beneficially Owned.   |  |   |  |  |  |  |  |  |
|  | EGA -<br>EGVF  |  |   |  |  |  |  |  |  |
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| (b)  | Percent of Cl  | ass.   |   |  |  |  |  |  |  |
|  | EGA -<br>EGVF  | - 0.0%<br>- 0.0%   |   |  |  |  |  |  |  |
| (c)  | Number of shares as to which such person has:  |  |   |  |  |  |  |  |  |
|  | (i)  | sole power to vote or to direct the  | vote:   |  |  |  |  |  |  |
|  |  | $\begin{aligned} & EGA - 0 \\ & EGVF - 0 \end{aligned}$                            |   |  |  |  |  |  |  |
|  | (ii)   | shared power to vote or to direct th   | ne vote:  |  |  |  |  |  |  |
|  |  | $\begin{aligned} &EGA-0\\ &EGVF-0 \end{aligned}$                                   |   |  |  |  |  |  |  |
|  | (iii)  | sole power to dispose or to direct t   | he disposition of:  |  |  |  |  |  |  |

 $\begin{aligned} EGA - 0 \\ EGVF - 0 \end{aligned}$ 

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

EGA - 0EGVF - 0

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

If this statement is being filed to report the fact that as of the date hereof the reporting person has ceased to be the beneficial owner of more than 5 percent of the class of securities, check the following  $\boxtimes$ .

Item 6. Ownership of More than Five 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.

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

Not Applicable.

Item 9. Notice of Dissolution of Group.

Not Applicable.

Item 10. Certifications.

By signing below I certify that, to the best of my knowledge and belief, the securities referred to above were acquired and are held in the ordinary course of business and were not acquired and are not held for the purpose of or with the effect of changing or influencing the control of the issuer of the securities and were not acquired and are not held in connection with or as a participant in any transaction having that purpose or effect.

## 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.

January 18, 2022

Evermore Global Advisors, LLC

By: /s/ Eric LeGoff
Eric LeGoff
President

Evermore Global Value Fund, a series of Evermore Funds Trust

By: /s/ Eric LeGoff Eric LeGoff

CEO