

| OMB APPROVAL                                 |           |
|----------------------------------------------|-----------|
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**STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP**

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

Filed pursuant to Section 16(a) of the Securities Exchange Act of 1934 or Section 30(h) of the Investment Company Act of 1940

|                                                                 |                  |          |                                                                                                                                                                                                                                                      |  |  |                                                                                                                                                                                                                                                       |  |  |
|-----------------------------------------------------------------|------------------|----------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|--|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|--|
| 1. Name and Address of Reporting Person*<br><u>Kintz Samuel</u> |                  |          | 2. Issuer Name and Ticker or Trading Symbol<br><u>Enliven Therapeutics, Inc. [ ELVN ]</u>                                                                                                                                                            |  |  | 5. Relationship of Reporting Person(s) to Issuer (Check all applicable)<br><input checked="" type="checkbox"/> Director 10% Owner<br><input checked="" type="checkbox"/> Officer (give title below) Other (specify below)<br><b>PRESIDENT AND CEO</b> |  |  |
| (Last)                                                          | (First)          | (Middle) | 3. Date of Earliest Transaction (Month/Day/Year)<br><u>02/26/2024</u>                                                                                                                                                                                |  |  | 6. Individual or Joint/Group Filing (Check Applicable Line)<br><input checked="" type="checkbox"/> Form filed by One Reporting Person<br><input type="checkbox"/> Form filed by More than One Reporting Person                                        |  |  |
| C/O ENLIVEN THERAPEUTICS, INC.<br>6200 LOOKOUT ROAD             |                  |          | 4. If Amendment, Date of Original Filed (Month/Day/Year)                                                                                                                                                                                             |  |  |                                                                                                                                                                                                                                                       |  |  |
| (Street)                                                        | BOULDER CO 80301 |          | Rule 10b5-1(c) Transaction Indication                                                                                                                                                                                                                |  |  |                                                                                                                                                                                                                                                       |  |  |
| (City)                                                          | (State)          | (Zip)    | <input checked="" type="checkbox"/> Check this box to indicate that a transaction was made pursuant to a contract, instruction or written plan that is intended to satisfy the affirmative defense conditions of Rule 10b5-1(c). See Instruction 10. |  |  |                                                                                                                                                                                                                                                       |  |  |

**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                    | 02/26/2024                           |                                                    | M <sup>(1)</sup>               |   | 12,000                                                            | A          | \$1.12                   | 12,000                                                                                        | D                                                        |                                                       |
| Common Stock                    | 02/26/2024                           |                                                    | S <sup>(1)</sup>               |   | 7,624                                                             | D          | \$16.6866 <sup>(2)</sup> | 4,376                                                                                         | D                                                        |                                                       |
| Common Stock                    | 02/26/2024                           |                                                    | S <sup>(1)</sup>               |   | 4,376                                                             | D          | \$17.2383 <sup>(3)</sup> | 0                                                                                             | D                                                        |                                                       |
| Common Stock                    |                                      |                                                    |                                |   |                                                                   |            |                          | 1,087,525                                                                                     | I                                                        | See footnote <sup>(4)</sup>                           |
| Common Stock                    |                                      |                                                    |                                |   |                                                                   |            |                          | 88,531                                                                                        | I                                                        | See footnote <sup>(5)</sup>                           |
| Common Stock                    |                                      |                                                    |                                |   |                                                                   |            |                          | 88,531                                                                                        | I                                                        | See footnote <sup>(6)</sup>                           |

**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 |                                                                                        | Date Exercisable                                         | Expiration Date |                                                                                   |                                            |                                                                                                    |                                                           |                                                        | Amount or Number of Shares |
| Stock Option (right to buy)                | \$1.12                                                 | 02/26/2024                           |                                                    | M <sup>(1)</sup>               |   | 12,000                                                                                 | (7)                                                      | 06/15/2030      | Common Stock                                                                      | 12,000                                     | \$0                                                                                                | 272,550                                                   | D                                                      |                            |

**Explanation of Responses:**

- The option exercise and sales reported on this Form 4 were effected pursuant to a Rule 10b5-1 trading plan adopted by the Reporting Person on June 26, 2023.
- This transaction was executed in multiple trades at prices ranging from \$16.00 to \$16.96. The price reported above reflects the weighted average sale price. The Reporting Person undertakes to provide upon request by the staff of the Securities and Exchange Commission, the Issuer, or a security holder of the Issuer, full information regarding the number of shares sold at each separate sale price.
- This transaction was executed in multiple trades at prices ranging from \$17.00 to \$17.56. The price reported above reflects the weighted average sale price. The Reporting Person undertakes to provide upon request by the staff of the Securities and Exchange Commission, the Issuer, or a security holder of the Issuer, full information regarding the number of shares sold at each separate sale price.
- The shares are held of record by The Kintz & Egan Trust Dated March 30, 2019 for which the reporting person serves as trustee.
- The shares are held of record by an irrevocable trust dated October 26, 2021 for the benefit of the Reporting Person's elder son and for which the Reporting Person serves as an investment advisor.
- The shares are held of record by an irrevocable trust dated October 26, 2021 for the benefit of the Reporting Person's younger son and for which the Reporting Person serves as an investment advisor.
- The option, originally for 344,550 shares, is subject to an early exercise provision and is immediately exercisable. Shares subject to the option vest in 48 equal monthly installments beginning on May 3, 2020.

/s/ Ben Hohl, by power of attorney. 02/28/2024

\*\* 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.