FORM 3

UNITED STATES SECURITIES AND EXCHANGE COMMISSION

Washington, D.C. 20549

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INITIAL STATEMENT OF BENEFICIAL OWNERSHIP OF SECURITIES

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* Yi Boyer Jennifer M | | 2. Date of Event Requiring Statement (Month/Day/Year) 07/28/2025 | 3. Issuer Name and Ticker or Trading Symbol Inogen Inc [INGN] | | | | | |
|---|---------|--|--|-------------------------------------|---------------------------------------|---|--------|--|
| (Last) (First) (Middle) | | | 4. Relationship of Reporting Person(s) to (Check all applicable) | | () | 5. If Amendment, Date of Original Filed (Month/Day/Year) | | |
| C/O INOGEN, INC., 859 WARD DRIVE | | x | X | Director Officer (give title below) | 10% Owner Other (specify below) | Individual or Joint/Group Filing (Check Applicable Line) X Form filed by One Reporting Person | | |
| (Street) | | | EVP Entrprs Enblmnt, Ch HR Off | | | Form filed by More than One Reporting | | |
| GOLETA | CA | 93111 | | | | | Person | |
| (City) | (State) | (Zip) | | | | | | |

Table I - Non-Derivative Securities Beneficially Owned

| 1. Title of Security (Instr. 4) | 2. Amount of Securities Beneficially Owned (Instr. 4) | 3. Ownership Form: Direct (D) or Indirect (I) (Instr. 5) | l ' |
|---------------------------------|--|--|-----|
| Common Stock | 13,509 | D | |

Table II - Derivative Securities Beneficially Owned (e.g., puts, calls, warrants, options, convertible securities)

| 1. Title of Derivative Security (Instr. 4) | 2. Date Exercisable and Expiration Date (Month/Day/Year) | | 3. Title and Amount of Securities Underlying Derivative Security (Instr. 4) | | or Exercise | Form: Direct (D) or | 6. Nature of Indirect Beneficial Ownership (Instr. 5) |
|--|--|--------------------|---|-------------------------------------|------------------------------------|----------------------------|---|
| | Date Exercisable | Expiration Date | Title | Amount or Number of Shares | Price of Derivative Security | Indirect (I) (Instr. 5) | |
| Restricted Stock Unit ⁽¹⁾ | (2) | (2) | Common Stock | 4,680 | 0 | D | |
| Restricted Stock Unit ⁽¹⁾ | (3) | (3) | Common Stock | 14,664 | 0 | D | |
| Restricted Stock Unit ⁽¹⁾ | (4) | (4) | Common Stock | 39,015 | 0 | D | |

Explanation of Responses:

- 1. Each restricted stock unit represents a contingent right to receive one share of Inogen common stock.
- 2. Subject to the reporting person's continued service, the restricted stock units shall vest on March 1, 2026.
- $3. \ Subject to the reporting person's continued service, the restricted stock units shall vest on March 1, 2027.$
- 4. Subject to the reporting person's continued service, 1/3rd of the restricted stock units shall vest one year from March 1, 2025 (the "Vesting Commencement Date"), and 1/3rd of the restricted stock units shall vest every year thereafter on the same day of the year as the Vesting Commencement Date.

Remarks:

Exhibit 24 - Power of Attorney.

/s/ Mary Wright, as Attorney-in-

Fact

** Signature of Reporting Person

08/07/2025 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 5 (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.

POWER OF ATTORNEY

The undersigned, as a Section 16 reporting person of Inogen, Inc. (the "Company"), hereby constitutes and appoints Kevin R.M. Smith, Michael Bourque, Kevin P. Smith, Mary Wright, Sarah Griffiths, Kaylee Hernandez and Charlene Carson, the undersigned's true and lawful attorneys-in-fact to:

- 1. complete and execute Forms 3, 4 and 5 and other forms and all amendments thereto as such attorneys-in-fact shall in their discretion determine to be required or advisable pursuant to Section 16 of the Securities Exchange Act of 1934 (as amended) and the rules and regulations promulgated thereunder, or any successor laws and regulations, as a consequence of the undersigned's ownership, acquisition or disposition of securities of the Company; and
- 2. do all acts necessary in order to file such forms with the Securities and Exchange Commission, any securities exchange or national association, the Company and such other person or agency as the attorneys-in-fact shall deem appropriate.

The undersigned hereby ratifies and confirms all that said attorneys in-fact and agent shall do or cause to be done by virtue hereof. The undersigned acknowledges that the foregoing attorneys-in-fact, in serving in such capacity at the request of the undersigned, is not assuming, nor is the Company assuming, any of the undersigned's responsibilities to comply with Section 16 of the Securities Exchange Act of 1934 (as amended).

This Power of Attorney shall remain in full force and effect until the undersigned is no longer required to file Forms 3, 4 and 5 with respect to the undersigned's holdings of and transactions in securities issued by the Company, unless earlier revoked by the undersigned in a signed writing delivered to the Company and the foregoing attorneys-in-fact.

IN WITNESS WHEREOF, the undersigned has caused this Power of Attorney to be executed as of this 6th day of August, 2025.

Signature: /s/ Jennifer Yi Boyer

Print Name: Jennifer Yi Boyer