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

| OMB APP                 | ROVAL     |  |  |  |  |
|-------------------------|-----------|--|--|--|--|
| DMB Number:             | 3235-0287 |  |  |  |  |
| Stimated average burden |           |  |  |  |  |
| ours per respon         | se 0.5    |  |  |  |  |

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

### STATEMENT OF CHANGES IN 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

| (Print or Type I  | Responses | s)                                       |              |   |   |                    |                  |                     |   |                             |                   |  |   |             |  |   |                         |
|---|-----------|--|--------------|---|---|--------------------|------------------|---------------------|---|-----------------------------|-------------------|--|---|-------------|--|---|-------------------------|
| Name and Address of Reporting Person * Bauerlein Alison |           |  |              |   | 2. Issuer Name and Ticker or Trading Symbol Inogen Inc [INGN] |                    |                  |                     |   |                             |                   | 5  | 5. Relationship of Reporting Person(s) to Issuer (Check all applicable)  Director 10% Owner   |             |  |   |                         |
| (Last) (First) (Middle)<br>326 BOLLAY DRIVE             |           |  |              |   | 3. Date of Earliest Transaction (Month/Day/Year) 10/01/2015   |                    |                  |                     |   |                             |                   |  | X Officer (give title below) Other (specify below)  EVP, Finance & CFO  |             |  |   |                         |
| (Street) GOLETA, CA 93117                               |           |  |              | 4. If   | 4. If Amendment, Date Original Filed(Month/Day/Year)          |                    |                  |                     |   |                             |                   |  | 6. Individual or Joint/Group Filing(Check Applicable Line) _X_ Form filed by One Reporting Person _Form filed by More than One Reporting Person |             |  |   |                         |
| (City) (State) (Zip)                                    |           |  |              |   | Table I - Non-Derivative Securities Acqu                      |                    |                  |                     |   |                             |                   | cquir  | ired, Disposed of, or Beneficially Owned  |             |  |   |                         |
| (Instr. 3) Dat  |           | 2. Transaction<br>Date<br>(Month/Day/Yea | Execu<br>any | ZA. Deemed<br>Execution Date, if<br>any<br>(Month/Day/Year) |   | Code<br>(Instr. 8) |                  | (A) or D            | A. Securities Acquired A) or Disposed of (D) Instr. 3, 4 and 5)  (A) or (D) Price |                             | D)                | Beneficially Owned Reported Transaction (Instr. 3 and 4) |   | Following   | 6. Ownership Form: Direct (D) or Indirect (I) (Instr. 4)   | 7. Nature<br>of Indirect<br>Beneficial<br>Ownership<br>(Instr. 4) |                         |
| Common Sto  | ock       |  | 10/01/2015   |   |   |                    | S <sup>(1)</sup> |                     | 10,185  | D                           | \$<br>47.9<br>(2) | 372  | 43,890  |             |  | D   |                         |
| indirectly.   |           |  | Table II     |   |   |                    | es Acquir        | cor<br>the<br>ed, I | ntained i<br>form di<br>Disposed  | n this<br>splay<br>of, or   | forns a c         | n are<br>urrer<br>ficiall                                | not req   | uired to re | nformation<br>espond unl<br>ntrol numb   | ess   | EC 1474 (9-<br>02)      |
| (Instr. 3) Prid<br>De:                                  | onversion | 3. Transacti<br>Date<br>(Month/Day       | Execution    | ed<br>Date, if  | 4.<br>Transacti<br>Code<br>(Instr. 8)                         | on                 | 5. Numbe         | Da Ex               | Date Exer<br>d Expirati<br>Ionth/Day  | reisabl<br>ion Da<br>/Year) | e<br>te<br>)      | 7. Tit<br>Amo<br>Unde<br>Secur<br>(Instr<br>4)           | tle and<br>unt of<br>erlying<br>rities<br>r. 3 and<br>Amount<br>or<br>Number<br>of<br>Shares  |             | 9. Number<br>Derivative<br>Securities<br>Beneficially<br>Owned<br>Following<br>Reported<br>Transaction<br>(Instr. 4) | Owners: Form of Derivati Security Direct (I or Indire             | Ownership (Instr. 4) Co |
| Reporti   | ng O      | wners                                    |              |   | Code  | •                  | (A) (D)          |                     |   |                             |                   |  | Silates   |             |  |   |                         |

| Barrella Orana Nama / Addam                              | Relationships      |  |                    |       |  |  |  |  |
|--|--------------------|--|--------------------|-------|--|--|--|--|
| Reporting Owner Name / Address                           | Director 10% Owner |  | Officer            | Other |  |  |  |  |
| Bauerlein Alison<br>326 BOLLAY DRIVE<br>GOLETA, CA 93117 |                    |  | EVP, Finance & CFO |       |  |  |  |  |

# **Signatures**

| /s/ Alison Bauerlein          | 10/02/2015 |
|-------------------------------|------------|
| 75/ Alison Dauchelli          | 10/02/2013 |
| Signature of Reporting Person | Date       |

# **Explanation of Responses:**

- \* 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).
- (1) The sales reported in this Form 4 were effected pursuant to a Rule 10b5-1 trading plan adopted by the reporting person on May 21, 2015.
- Represents the weighted average share price of an aggregate total of 10,185 shares sold in the price range of \$47.42 to \$48.37 by the reporting person. The reporting person undertakes to provide upon request by the Commission staff, the issuer or a security holder of the issuer, full information regarding the number of shares sold at each separate price.

Note: File three copies of this Form, one of which must be manually signed. If space is insufficient, see Instruction 6 for procedure.

Potential persons who are to respond to the collection of information contained in this form are not required to respond unless the form displays a currently valid OMB number.