

CATABASIS PHARMACEUTICALS INC  
 Form 3  
 February 16, 2016

**FORM 3 UNITED STATES SECURITIES AND EXCHANGE COMMISSION**  
**Washington, D.C. 20549**

OMB APPROVAL

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**INITIAL STATEMENT OF BENEFICIAL OWNERSHIP OF SECURITIES**

Filed pursuant to Section 16(a) of the Securities Exchange Act of 1934,  
 Section 17(a) of the Public Utility Holding Company Act of 1935 or Section  
 30(h) of the Investment Company Act of 1940

(Print or Type Responses)

|   |   |   |   |   |  |
|---|---|---|---|---|--|
| <p>1. Name and Address of Reporting Person *</p> <p>Â Cunnane Deirdre A.</p> <p>(Last) (First) (Middle)</p> <p>C/O CATABASIS PHARMACEUTICALS, INC.,Â ONE KENDALL SQ., BLDG 1400E, STE B14202</p> <p>(Street)</p> <p>CAMBRIDGE,Â MAÂ 02139</p> <p>(City) (State) (Zip)</p> | <p>2. Date of Event Requiring Statement</p> <p>(Month/Day/Year)</p> <p>02/11/2016</p> | <p>3. Issuer Name <b>and</b> Ticker or Trading Symbol</p> <p>CATABASIS PHARMACEUTICALS INC [CATB]</p> | <p>4. Relationship of Reporting Person(s) to Issuer</p> <p>(Check all applicable)</p> <p><input type="checkbox"/> Director <input type="checkbox"/> 10% Owner<br/> <input checked="" type="checkbox"/> Officer <input type="checkbox"/> Other<br/>                 (give title below) (specify below)<br/>                 SVP, General Counsel</p> | <p>5. If Amendment, Date Original Filed(Month/Day/Year)</p> | <p>6. Individual or Joint/Group Filing(Check Applicable Line)</p> <p><input checked="" type="checkbox"/> Form filed by One Reporting Person<br/> <input type="checkbox"/> Form filed by More than One Reporting Person</p> |
|---|---|---|---|---|--|

**Table I - Non-Derivative Securities Beneficially Owned**

| 1. Title of Security<br>(Instr. 4) | 2. Amount of Securities Beneficially Owned<br>(Instr. 4) | 3. Ownership Form:<br>Direct (D)<br>or Indirect (I)<br>(Instr. 5) | 4. Nature of Indirect Beneficial Ownership<br>(Instr. 5) |
|------------------------------------|--|---|--|
|------------------------------------|--|---|--|

Reminder: Report on a separate line for each class of securities beneficially owned directly or indirectly.

SEC 1473 (7-02)

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

| 1. Title of Derivative Security<br>(Instr. 4) | 2. Date Exercisable and Expiration Date<br>(Month/Day/Year) | 3. Title and Amount of Securities Underlying Derivative Security<br>(Instr. 4) | 4. Conversion or Exercise Price of Derivative | 5. Ownership Form of Derivative Security: | 6. Nature of Indirect Beneficial Ownership<br>(Instr. 5) |
|---|---|--|---|---|--|
|---|---|--|---|---|--|

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|                             | Date Exercisable | Expiration Date | Title        | Amount or Number of Shares | Security | Direct (D) or Indirect (I) (Instr. 5) |
|-----------------------------|------------------|-----------------|--------------|----------------------------|----------|---------------------------------------|
| Stock Option (right to buy) | 11/30/2025       | 11/30/2025      | Common Stock | 47,200                     | \$ 8.76  | D                                     |

## Reporting Owners

| Reporting Owner Name / Address  | Relationships |           |                      |       |
|---|---------------|-----------|----------------------|-------|
|   | Director      | 10% Owner | Officer              | Other |
| Cunnane Deirdre A.<br>C/O CATABASIS PHARMACEUTICALS, INC.<br>ONE KENDALL SQ., BLDG 1400E, STE B14202<br>CAMBRIDGE, MA 02139 |               |           | SVP, General Counsel |       |

## Signatures

/s/ Deirdre A. Cunnane 02/16/2016

\*\*Signature of Reporting Person Date

## Explanation of Responses:

- \* 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).
- (1) This option was granted on December 1, 2015 and is scheduled to vest over four years, with 25% of the shares vesting on the first anniversary of November 30, 2016 and the remainder vesting over the ensuing three years at a rate of 2.0833% per month.

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### Remarks:

24.1 Power of Attorney

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.