

---

---

**UNITED STATES  
SECURITIES AND EXCHANGE COMMISSION  
WASHINGTON, DC 20549**

---

**FORM 8-K**

---

**CURRENT REPORT  
Pursuant to Section 13 or 15(d)  
of the Securities Exchange Act of 1934**

**Date of report (Date of earliest event reported): December 11, 2014**

---

**Idera Pharmaceuticals, Inc.**

(Exact Name of Registrant as Specified in Charter)

---

**Delaware**  
(State or Other Jurisdiction  
of Incorporation)

**001-31918**  
(Commission  
File Number)

**04-3072298**  
(IRS Employer  
Identification No.)

**167 Sidney Street**  
**Cambridge, Massachusetts**  
(Address of Principal Executive Offices)

**02139**  
(Zip Code)

**Registrant's telephone number, including area code: (617) 679-5500**

(Former Name or Former Address, if Changed Since Last Report)

---

Check the appropriate box below if the Form 8-K filing is intended to simultaneously satisfy the filing obligation of the registrant under any of the following provisions (see General Instruction A.2. below):

- Written communications pursuant to Rule 425 under the Securities Act (17 CFR 230.425)
  - Soliciting material pursuant to Rule 14a-12 under the Exchange Act (17 CFR 240.14a-12)
  - Pre-commencement communications pursuant to Rule 14d-2(b) under the Exchange Act (17 CFR 240.14d-2(b))
  - Pre-commencement communications pursuant to Rule 13e-4(c) under the Exchange Act (17 CFR 240.13e-4(c))
- 
-

---

**Item 8.01. Other Events.**

On December 11, 2014, Pillar Pharmaceuticals II, L.P. converted 313,341 shares of Idera Pharmaceuticals, Inc.'s (the "Company") Series E convertible preferred stock into 6,266,820 shares of the Company's common stock in accordance with the terms of the Company's Certificate of Designations, Preferences and Rights of Series E Preferred Stock.

Pillar Invest Corporation has advised the Company that on December 9, 2014, December 10, 2014 and December 11, 2014, [Pillar Pharmaceuticals II, L.P. and Participations Besancon] sold an aggregate of [ ] shares of common stock of the Company. Included in the shares sold were 500,000 shares of the Company's common stock that were issued to Participations Besancon on December 9, 2014 upon the exercise of outstanding warrants at an exercise price of \$0.47 per share.

---

**SIGNATURE**

Pursuant to the requirements of the Securities Exchange Act of 1934, as amended, the registrant has duly caused this report to be signed on its behalf by the undersigned hereunto duly authorized.

Date: December 12, 2014

**Idera Pharmaceuticals, Inc.**

By: \_\_\_\_\_ /s/ Louis J. Arcudi, III  
Louis J. Arcudi, III  
*Senior Vice President of Operations, Chief  
Financial Officer, Treasurer and Secretary*