

EPIX Pharmaceuticals, Inc.  
Form 8-K  
July 12, 2006

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**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): July 10, 2006  
**EPIX Pharmaceuticals, Inc.**

(Exact Name of Registrant as Specified in Its Charter)  
**Delaware**

(State or Other Jurisdiction of Incorporation)

**000-21863**

**04-3030815**

(Commission File Number)

(IRS Employer Identification No.)

**161 First Street, Cambridge, Massachusetts 02142**

(Address of Principal Executive Offices) (Zip Code)  
**(617) 250-6000**

(Registrant's Telephone Number, Including Area Code)

(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))
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**Item 1.01. Entry into a Material Definitive Agreement.**

On July 10, 2006, EPIX Pharmaceuticals, Inc. ( EPIX ) entered into Amendment No. 1 (the Amendment ) to the Agreement and Plan of Merger by and among EPIX, EPIX Delaware, Inc. and Predix Pharmaceuticals Holdings, Inc. (together, the Parties ), dated April 3, 2006 (the Merger Agreement ). The Merger Agreement provided that the Parties may terminate the Merger Agreement if the transactions contemplated thereby were not completed by July 31, 2006. The Amendment extends this date to August 31, 2006 in addition to making other technical modifications. The Amendment is attached hereto as Exhibit 99.1 and is incorporated herein by reference.

All other terms of the Merger Agreement remain the same and are incorporated herein by reference to EPIX Current Report on Form 8-K filed with the Securities and Exchange Commission on April 3, 2006 (File No. 000-21863).

**Item 9.01. Financial Statements and Exhibits.**

(d) Exhibits:

Exhibit Number	Description
99.1	Amendment No. 1 to Agreement and Plan of Merger by and among EPIX Pharmaceuticals, Inc., EPIX Delaware, Inc. and Predix Pharmaceuticals Holdings, Inc., dated July 10, 2006.

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**SIGNATURES**

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

EPIX Pharmaceuticals, Inc.  
(Registrant)

Date: July 12, 2006

/s/ Robert B. Pelletier  
Robert B. Pelletier  
*Executive Director of Finance and  
Principal Accounting Officer*