

EPIX Pharmaceuticals, Inc.  
 Form 4  
 January 03, 2008

**FORM 4**

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

OMB APPROVAL

OMB Number: 3235-0287  
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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, 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)

1. Name and Address of Reporting Person \*  
**Kauffman Michael G**  
  
 (Last) (First) (Middle)  
**C/O EPIX PHARMACEUTICALS, INC., 4 MAGUIRE ROAD**  
  
 (Street)  
**LEXINGTON, MA 02421**  
  
 (City) (State) (Zip)

2. Issuer Name and Ticker or Trading Symbol  
**EPIX Pharmaceuticals, Inc. [EPIX]**

3. Date of Earliest Transaction  
 (Month/Day/Year)  
**10/19/2007**

4. If Amendment, Date Original Filed(Month/Day/Year)

5. Relationship of Reporting Person(s) to Issuer  
  
 (Check all applicable)

Director  10% Owner  
 Officer (give title below)  Other (specify below)  
**Chief Executive Officer**

6. Individual or Joint/Group Filing(Check Applicable Line)  
 Form filed by One Reporting Person  
 Form filed by More than One Reporting Person

**Table I - Non-Derivative Securities Acquired, Disposed of, or Beneficially Owned**

1. Title of Security (Instr. 3)	2. Transaction Date (Month/Day/Year)	2A. Deemed Execution Date, if any (Month/Day/Year)	3. Transaction Code (Instr. 8)	4. Securities Acquired (A) or Disposed of (D) (Instr. 3, 4 and 5)	5. Amount of Securities Beneficially Owned Following Reported Transaction(s) (Instr. 3 and 4)	6. Ownership Form: Direct (D) or Indirect (I) (Instr. 4)	7. Nature of Ownership (Instr. 4)
			Code	V	Amount	(D)	Price
							\$
Common Stock	10/19/2007		A		28,666	A	3.08
							229,152
							<u>(1)</u>

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

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SEC 1474 (9-02)

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

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1. Title of Derivative Security (Instr. 3)	2. Conversion or Exercise Price of Derivative Security	3. Transaction Date (Month/Day/Year)	3A. Deemed Execution Date, if any (Month/Day/Year)	4. Transaction Code (Instr. 8)	5. Number of Derivative Securities Acquired (A) or Disposed of (D) (Instr. 3, 4, and 5)	6. Date Exercisable and Expiration Date (Month/Day/Year)	7. Title and Amount of Underlying Securities (Instr. 3 and 4)	8. Price of Derivative Security (Instr. 5)	9. Nu Deriv Secur Bene Own Follo Repo Trans (Instr
						Date Exercisable	Expiration Date	Title	Amount or Number of Shares
						Code	V	(A)	(D)

**Reporting Owners**

Reporting Owner Name / Address	Relationships			
	Director	10% Owner	Officer	Other
Kauffman Michael G C/O EPIX PHARMACEUTICALS, INC. 4 MAGUIRE ROAD LEXINGTON, MA 02421	X		Chief Executive Officer	

**Signatures**

/s/ Kimberlee C. Drapkin,  
Attorney-in-Fact 01/03/2008

\*\*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).  
  
Represents shares issued pursuant to the second and final milestone payment obligation payable to the stockholders, option holders and warrant holders of Predix Pharmaceuticals Holdings, Inc. ("Predix") on October 29, 2007 pursuant to that certain merger agreement by (1) and among the Issuer, EPIX Delaware, Inc. and Predix. Using a formula set forth by the merger agreement, the amount of milestone shares issuable was determined on October 19, 2007 by calculating 75% of the average closing price of EPIX common stock on the NASDAQ Global Market over the 30 trading days ending on October 19, 2007.

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.