EPIX Pharmaceuticals, Inc. Form 4 January 03, 2008 OMB APPROVAL FORM 4 UNITED STATES SECURITIES AND EXCHANGE COMMISSION OMB 3235-0287 Washington, D.C. 20549 Number: Check this box January 31, Expires: if no longer 2005 STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF subject to Estimated average **SECURITIES** Section 16. burden hours per Form 4 or response... 0.5 Form 5 Filed pursuant to Section 16(a) of the Securities Exchange Act of 1934, obligations Section 17(a) of the Public Utility Holding Company Act of 1935 or Section may continue. 30(h) of the Investment Company Act of 1940 See Instruction 1(b). (Print or Type Responses) 1. Name and Address of Reporting Person * 5. Relationship of Reporting Person(s) to 2. Issuer Name and Ticker or Trading Kauffman Michael G Issuer Symbol EPIX Pharmaceuticals, Inc. [EPIX] (Check all applicable) (First) (Middle) (Last) 3. Date of Earliest Transaction (Month/Day/Year) _X__ Director 10% Owner X_Officer (give title Other (specify C/O EPIX PHARMACEUTICALS, 10/19/2007 below) below) **INC., 4 MAGUIRE ROAD** Chief Executive Officer (Street) 4. If Amendment, Date Original 6. Individual or Joint/Group Filing(Check Filed(Month/Day/Year) Applicable Line) _X_ Form filed by One Reporting Person Form filed by More than One Reporting LEXINGTON, MA 02421 Person (City) (State) (Zip) Table I - Non-Derivative Securities Acquired, Disposed of, or Beneficially Owned 1.Title of 2. Transaction Date 2A. Deemed 3. 4. Securities Acquired 5. Amount of 6. Ownership 7. Nature of Security (Month/Day/Year) Execution Date, if Transaction(A) or Disposed of (D) Securities Form: Direct Indirect (Instr. 3) any Code (Instr. 3, 4 and 5) Beneficially (D) or Beneficial (Month/Day/Year) Indirect (I) Ownership (Instr. 8) Owned Following (Instr. 4) (Instr. 4) Reported (A) Transaction(s) or (Instr. 3 and 4) Code V Amount (D) Price \$ Common 10/19/2007 229,152 D Α 28,666 A 3.08 Stock (1)

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

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 Table II - Derivative Securities Acquired, Disposed of, or Beneficially Owned

 (e.g., puts, calls, warrants, options, convertible securities)

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. Transacti Code (Instr. 8)	5. orNumber of Derivative Securities Acquired (A) or Disposed of (D) (Instr. 3, 4, and 5)	6. Date Exercisable and Expiration Date (Month/Day/Year)		Secur	unt of rlying	8. Price of Derivative Security (Instr. 5)	9. Nu Deriv Secu Bene Owne Follo Repo Trans (Instr
				Code V	(A) (D)	Date Exercisable	Expiration Date	Title	Amount or Number of Shares		

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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	Х		Chief Executive Officer					
Signatures								
/s/ Kimberlee C. Drapkin, Attorney-in-Fact	01/	03/2008						
<u>**</u> 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.