Epizyme, Inc. Form 4 June 06, 2013

FORM 4

OMB APPROVAL

UNITED STATES SECURITIES AND EXCHANGE COMMISSION

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF

OMB 3235-0287 Number:

Check this box if no longer subject to Section 16.

Washington, D.C. 20549

January 31, Expires: 2005

SECURITIES

Estimated average burden hours per response... 0.5

5. Relationship of Reporting Person(s) to

Form 4 or Form 5 obligations may continue. See Instruction

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

2. Issuer Name and Ticker or Trading

1(b).

(Print or Type Responses)

1. Name and Address of Reporting Person *

EVNIN LUKE			Symbol Epizyme, Inc. [EPZM]	Issuer
(Last)	(First)	(Middle)	3. Date of Earliest Transaction (Month/Day/Year)	(Check all applicable) DirectorX10% Owner
C/O MPM ASSET MANAGEMENT, 200			06/05/2013	Officer (give title Other (specify below)
	ON STREET,	54TH		
	(Street)		4. If Amendment, Date Original	6. Individual or Joint/Group Filing(Check
BOSTON, M	ИА 02116		Filed(Month/Day/Year)	Applicable Line) Form filed by One Reporting Person _X_ Form filed by More than One Reporting

			Torson
(City)	(State)	(Zip)	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)	Code (Instr. 8)	4. Securities on Disposed (Instr. 3, 4 an	of (D) ad 5) (A) or		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 Indirect Beneficial Ownership (Instr. 4)
Common Stock	06/05/2013		Code V	Amount 2,309,998 (1)	(D)	Price (2)	2,488,329	I	See footnote (3)
Common Stock	06/05/2013		C	392,156 (4)	A	(2)	2,880,485	I	See footnote (5)

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

Persons who respond to the collection of SEC 1474 information contained in this form are not (9-02)required to respond unless the form

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displays a currently valid OMB control

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. Transactio Code (Instr. 8)	5. Number of or Derivative Securities Acquired (A) or Disposed of (D) (Instr. 3, 4, and 5))		7. Title and Amount of Underlying Securities (Instr. 3 and 4)	
				Code V	(A)	(D)	Date Exercisable	Expiration Date	Title	Amount or Number of Shares
Series A Preferred Stock	<u>(2)</u>	06/05/2013		C		6,930,000 (1)	(2)	(2)	Common Stock	2,309,99 (1)
Series B Preferred Stock	<u>(2)</u>	06/05/2013		C		1,176,472 (4)	(2)	(2)	Common Stock	392,156 (4)

Reporting Owners

Reporting Owner Name / Address	Relationships				
F	Director	10% Owner	Officer	Other	
EVNIN LUKE C/O MPM ASSET MANAGEMENT 200 CLARENDON STREET, 54TH FLOOR BOSTON, MA 02116		X			
GADICKE ANSBERT C/O MPM ASSET MANAGEMENT 200 CLARENDON STREET, 54TH FLOOR BOSTON, MA 02116		X			

Signatures

/s/ Luke Evnin	06/06/2013	
**Signature of Reporting Person	Date	
/s/ Ansbert Gadicke	06/06/2013	
**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).

(1)

Reporting Owners 2

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The shares, on a common stock equivalent basis, were converted as follows: 1,850,799 by MPM BioVentures IV-QP, L.P. ("BV IV QP"), 71,303 by MPM BioVentures IV GmbH & Co. Beteiligungs KG ("BV IV KG"), 52,628 by MPM Asset Management Investors BV4 LLC ("AM BV4") and 335,268 shares by MPM BioVentures IV Strategic Fund, L.P. ("BV IV SF"). MPM BioVentures IV GP LLC and MPM BioVentures IV LLC ("BV LLC") are the direct and indirect general partners of BV IV QP, BV IV KG and BV IV SF and BV LLC is the manager of AM BV4. Ansbert Gadicke, Luke Evnin, Vaughn M. Kailian, James Paul Scopa, Todd Foley and John Vander Vort are the members of BV LLC.

- (2) The Series A Preferred Stock and Series B Preferred Stock converted into the Issuer's common stock on a 1-for-3 basis upon the closing of the Issuer's initial public offering without payment of further consideration. The shares had no expiration date.
- (3) The shares are held as follows: 2,016,806 by BV IV QP, 77,698 by BV IV KG, 57,348 by AM BV4 and 336,477 shares by BV IV SF. Each Reporting Person disclaims beneficial of the securities except to the extent of his or its respective pecuniary interest therein.
- (4) The shares, on a common stock equivalent basis, were converted as follows: 312,152 by BV IV QP, 12,026 by BV IV KG, 8,876 by AM BV4 and 59,102 shares by BV IV SF.
 - The shares are held as follows: 2,328,958 by BV IV QP, 89,724 by BV IV KG, 66,224 by AM BV4 and 395,579 shares by BV IV SF.
- (5) Each Reporting Person disclaims beneficial ownership of the securities except to the extent of his or its respective pecuniary interest therein

Remarks:

See Form 4 for MPM BioVentures IV-QP, L.P. for additional members of this joint filing.

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.