

OMB APPROVAL	
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STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP

Check this box if no longer subject to Section 16. Form 4 or Form 5 obligations may continue. See instruction 1(b).

Filed pursuant to Section 16(a) of the Securities Exchange Act of 1934 or Section 30(h) of the Investment Company Act of 1940

1. Name and Address of Reporting Person* <u>Amgen Ventures LLC</u> (Last) (First) (Middle) <u>ONE AMGEN CENTER DRIVE</u> (Street) <u>THOUSAND OAKS CA 91320-1799</u> (City) (State) (Zip)	2. Issuer Name and Ticker or Trading Symbol <u>Epizyme, Inc. [EPZM]</u>	5. Relationship of Reporting Person(s) to Issuer (Check all applicable) Director <input checked="" type="checkbox"/> 10% Owner Officer (give title below) Other (specify below)
	3. Date of Earliest Transaction (Month/Day/Year) <u>06/05/2013</u>	
	4. If Amendment, Date of Original Filed (Month/Day/Year)	6. Individual or Joint/Group Filing (Check Applicable Line) <input checked="" type="checkbox"/> Form filed by One Reporting Person <input type="checkbox"/> 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 Indirect Beneficial Ownership (Instr. 4)
			Code	V	Amount	(A) or (D)	Price			
Common Stock	06/05/2013		C		317,460	A	(1)	317,460	D(2)(3)	
Common Stock	06/05/2013		P		16,666	A	\$15	334,126	D(2)(3)	

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. 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 Securities Underlying Derivative Security (Instr. 3 and 4)	8. Price of Derivative Security (Instr. 5)	9. Number of derivative Securities Beneficially Owned Following Reported Transaction(s) (Instr. 4)	10. Ownership Form: Direct (D) or Indirect (I) (Instr. 4)	11. Nature of Indirect Beneficial Ownership (Instr. 4)	
				Code	V	(A)	(D)	Date Exercisable	Expiration Date						Title
Series B Preferred Stock	(1)	06/05/2013		C		952,381		(1)	(1)	Common Stock	317,460	\$0	0	D(2)(3)	

1. Name and Address of Reporting Person* <u>Amgen Ventures LLC</u> (Last) (First) (Middle) <u>ONE AMGEN CENTER DRIVE</u> (Street) <u>THOUSAND OAKS CA 91320-1799</u> (City) (State) (Zip)
1. Name and Address of Reporting Person* <u>AMGEN INC</u> (Last) (First) (Middle) <u>ONE AMGEN CENTER DRIVE</u> (Street) <u>THOUSAND OAKS CA 91320-1799</u> (City) (State) (Zip)

Explanation of Responses:

- Each share of Series B Preferred Stock automatically converted into 1/3rd of a share of common stock upon the closing of the Issuer's initial public offering without payment of further consideration. The shares had no expiration date.
- These shares are owned directly by Amgen Ventures LLC, a wholly-owned subsidiary of Amgen Inc. (Amgen), and Amgen has the power to vote, acquire, hold and dispose of all shares. Amgen disclaims beneficial ownership of the securities except to the extent of its pecuniary interest therein.
- Upon the closing of the Issuer's initial public offering on June 5, 2013, the shares held by the reporting persons represent less than 10% beneficial ownership of the outstanding shares of common stock.

/s/ David J. Scott, Senior Vice President, General Counsel and Secretary on behalf of Amgen Ventures LLC and Amgen Inc.

06/05/2013

** Signature of Reporting Person Date

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

* 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).

Note: File three copies of this Form, one of which must be manually signed. If space is insufficient, see Instruction 6 for procedure.

Persons who respond to the collection of information contained in this form are not required to respond unless the form displays a currently valid OMB Number.