

INITIAL STATEMENT OF BENEFICIAL OWNERSHIP OF SECURITIES

OMB APPROVAL	
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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) ONE AMGEN CENTER DRIVE (Street) THOUSAND CA 91320-1799 OAKS (City) (State) (Zip)	2. Date of Event Requiring Statement (Month/Day/Year) 05/30/2013	3. Issuer Name and Ticker or Trading Symbol <u>Epizyme, Inc.</u> [EPZM]	
		4. Relationship of Reporting Person(s) to Issuer (Check all applicable) Director <input checked="" type="checkbox"/> 10% Owner Officer (give title below) Other (specify below)	5. If Amendment, Date of Original Filed (Month/Day/Year) 6. Individual or Joint/Group Filing (Check Applicable Line) Form filed by One Reporting Person <input checked="" type="checkbox"/> Form filed by More than One Reporting Person

Table I - Non-Derivative Securities Beneficially Owned

1. Title of Security (Instr. 4)	2. Amount of Securities Beneficially Owned (Instr. 4)	3. Ownership Form: Direct (D) or Indirect (I) (Instr. 5)	4. Nature of Indirect Beneficial Ownership (Instr. 5)
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Table II - Derivative Securities Beneficially Owned (e.g., puts, calls, warrants, options, convertible securities)

1. Title of Derivative Security (Instr. 4)	2. Date Exercisable and Expiration Date (Month/Day/Year)		3. Title and Amount of Securities Underlying Derivative Security (Instr. 4)	4. Conversion or Exercise Price of Derivative Security	5. Ownership Form: Direct (D) or Indirect (I) (Instr. 5)	6. Nature of Indirect Beneficial Ownership (Instr. 5)
	Date Exercisable	Expiration Date				
Series B Preferred Stock	(1)	(1)	Common Stock	317,460	(1)	D ⁽²⁾ (3)

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

- Each share of Series B preferred stock is convertible at the option of the holder into 1/3rd of a share of common stock without payment of further consideration and will automatically convert 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 have 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.
- 10% beneficial ownership is calculated in accordance with SEC rules based on the number of shares of the Issuer's common stock outstanding on the date hereof and the conversion of only the reporting person's shares of preferred stock. Upon the closing of the Issuer's initial public offering, the shares held by the reporting persons will 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. 05/30/2013

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 5 (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.