STEINMETZ MICHAEL

Form 3

March 12, 2010

FORM 3

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

OMB

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INITIAL STATEMENT OF BENEFICIAL OWNERSHIP OF SECURITIES

Filed pursuant to Section 16(a) of the Securities Exchange Act of 1934, response...
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 2. Date of Event Requiring 3. Issuer Name and Ticker or Trading Symbol Person * Statement AVEO PHARMACEUTICALS INC [AVEO] À MPM BIOVENTURES II OP (Month/Day/Year) LP 03/11/2010 (Last) (First) (Middle) 4. Relationship of Reporting 5. If Amendment, Date Original Person(s) to Issuer Filed(Month/Day/Year) C/O MPM ASSET (Check all applicable) MANAGEMENT, Â 200 **CLARENDON STREET, 54TH** Director __X__ 10% Owner **FLOOR** Officer Other (give title below) (specify below) (Street) 6. Individual or Joint/Group Filing(Check Applicable Line) Form filed by One Reporting Person BOSTON. MAÂ 02116 _X_ Form filed by More than One Reporting Person (City) (State) (Zip) Table I - Non-Derivative Securities Beneficially Owned 4. Nature of Indirect Beneficial 1. Title of Security 2. Amount of Securities 3. (Instr. 4) Beneficially Owned Ownership Ownership (Instr. 4) Form: (Instr. 5) Direct (D) or Indirect (I) (Instr. 5) Reminder: Report on a separate line for each class of securities beneficially SEC 1473 (7-02) owned directly or indirectly. Persons who respond to the collection of information contained in this form are not required to respond unless the form displays a

Table II - Derivative Securities Beneficially Owned (e.g., puts, calls, warrants, options, convertible securities)

currently valid OMB control number.

1. Title of Derivative Security 2. Date Exercisable and 3. Title and Amount of 5. 6. Nature of Indirect (Instr. 4) **Expiration Date** Securities Underlying Conversion Ownership Beneficial Ownership (Month/Day/Year) **Derivative Security** or Exercise Form of (Instr. 5) (Instr. 4) Price of Derivative

	Date Exercisable	Expiration Date	Title	Amount or Number of Shares	Derivative Security	Security: Direct (D) or Indirect (I) (Instr. 5)	
Series A Convertible Preferred Stock	(1)	(1)	Common Stock	1,037,036 (3)	\$ <u>(2)</u>	I	See Footnote (3)
Series B Convertible Preferred Stock	(1)	(1)	Common Stock	977,850 (4)	\$ <u>(2)</u>	I	See Footnote (4)
Series D Convertible Preferred Stock	(1)	(1)	Common Stock	194,075 (5)	\$ <u>(2)</u>	I	See Footnote (5)

Reporting Owners

Reporting Owner Name / Address		Relationships				
	Director	10% Owner	Officer	Other		
MPM BIOVENTURES II QP LP C/O MPM ASSET MANAGEMENT 200 CLARENDON STREET, 54TH FLOOR BOSTON, MA 02116	Â	ÂX	Â	Â		
MPM BIOVENTURES II LP C/O MPM ASSET MANAGEMENT 200 CLARENDON STREET, 54TH FLOOR BOSTON, MA 02116	Â	ÂX	Â	Â		
MPM ASSET MANAGEMENT II LLC C/O MPM ASSET MANAGEMENT 200 CLARENDON STREET, 54TH FLOOR BOSTON, MA 02116	Â	ÂX	Â	Â		
MPM ASSET MANAGEMENT INVESTORS 2002 BVII LLC C/O MPM ASSET MANAGEMENT 200 CLARENDON STREET, 54TH FLOOR BOSTON, MA 02116	Â	ÂX	Â	Â		
MPM BIOVENTURES GMBH & CO PARALLEL BETEILIGUNGS KG C/O MPM ASSET MANAGEMENT 200 CLARENDON STREET, 54TH FLOOR BOSTON, MA 02116	Â	ÂX	Â	Â		
MPM ASSET MANAGEMENT II LP C/O MPM ASSET MANAGEMENT 200 CLARENDON STREET, 54TH FLOOR BOSTON, MA 02116	Â	ÂX	Â	Â		
EVNIN LUKE C/O MPM ASSET MANAGEMENT 200 CLARENDON STREET, 54TH FLOOR BOSTON, MA 02116	Â	ÂX	Â	Â		
	Â	ÂX	Â	Â		

Reporting Owners 2

GADICKE ANSBERT C/O MPM ASSET MANAGEMEN 200 CLARENDON STREET, 54T BOSTON, MA 02116						
STEINMETZ MICHAEL C/O MPM ASSET MANAGEMEN 200 CLARENDON STREET, 54T BOSTON, MA 02116		Â	ÂX	Â	Â	
WHEELER KURT C/O MPM ASSET MANAGEMENT 200 CLARENDON STREET, 54TH FLOOR BOSTON, MA 02116 X Â					Â	
Signatures						
By Luke Evnin, manager of MPM Asset Management II, L.P., the gen Evnin	e ·				03/12/2010	
	**Signature of Reporting Person				Date	
By Luke Evnin, manager of MPM Asset Management II LLC, the general partner of MPM Asset Management II, L.P., the general partner of MPM BioVentures II, L.P. /s/ Luke Evnin					03/12/2010	
	**Signature of Reporting Person				Date	
By Luke Evnin, manager of MPM	Asset Management II LLC /s/ L	uke Evnin			03/12/2010	
	**Signature of Reporting Person				Date	
By Luke Evnin, manager of MPM Evnin	Asset Management Investors 20	02 BVII LLC /s/	Luke		03/12/2010	
	**Signature of Reporting Person				Date	
By Luke Evnin, manager of MPM Asset Management II LLC, the general partner of MPM Asset Management II, L.P., the special limited partner of MPM BioVentures GmbH & Co. Parallel-Beteiligungs KG /s/ Luke Evnin						
	**Signature of Reporting Person				Date	
By Luke Evnin, manager of MPM Asset Management II LLC, the general partner of MPM Asset Management II, L.P. /s/ Luke Evnin						
	**Signature of Reporting Person				Date	
/s/ Luke Evnin						
	**Signature of Reporting Person				Date	
/s/ Ansbert Gadicke					03/12/2010	
	**Signature of Reporting Person				Date	
/s/ Michael Steinmetz						
	**Signature of Reporting Person				Date	
/s/ Kurt Wheeler					03/12/2010	
	**Signature of Reporting Person				Date	

Signatures 3

Explanation of Responses:

- * 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).
- (1) These securities are preferred stock of the Issuer and do not have an expiration date. These securities will automatically convert into shares of common stock upon the closing of the Issuer's initial public offering.
- Each share of Series A Convertible Preferred Stock, Series B Convertible Preferred Stock and Series D Convertible Preferred Stock will convert automatically into shares of Common Stock on a 0.25 for 1 basis immediately prior to the closing of the Issuer's initial public offering.
 - The shares, on a post-conversion basis, are held as follows: 701,037 by MPM BioVentures II-QP, L.P. ("BV II QP"), 77,259 by MPM BioVentures II, L.P. ("BV II"), 11,926 by MPM Asset Management Investors 2002 BVII LLC ("AM 2002") and 246,814 by MPM BioVentures GmbH & Co. Parallel-Beteiligungs KG ("BV KG"). MPM Asset Management II, L.P. ("AM II GP") and MPM Asset
- (3) Management II LLC ("AM II LLC") are the direct and indirect general partners of BV II QP, BV II and BV KG. Luke Evnin, Ansbert Gadicke, Nicholas Galakatos, Michael Steinmetz and Kurt Wheeler are the investment managers of AM II LLC and AM 2002. Each member of the group disclaims beneficial ownership of the securities except to the extent of his or its respective pecuniary interest therein.
- The shares, on a post-conversion basis, are held as follows: 661,027 by BV II QP, 72,850 by BV II, 11,245 by AM 2002 and 232,728 by BV KG. Each member of the group disclaims beneficial ownership of the securities except to the extent of his or its respective pecuniary interest therein.
- The shares, on a post-conversion basis, are held as follows: 131,196 by BV II QP, 14,458 by BV II, 2,231 by AM 2002 and 46,190 by BV (5) KG. Each member of the group disclaims beneficial ownership of the securities except to the extent of his or its respective pecuniary interest therein

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.