

SECURITIES AND EXCHANGE COMMISSION

FORM 4

Statement of changes in beneficial ownership of securities

Filing Date: **2013-01-28** | Period of Report: **2013-01-24**
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REPORTING OWNER

Slichenmyer William

CIK: **1486428**

Type: **4** | Act: **34** | File No.: **001-34655** | Film No.: **13552942**

Mailing Address
*AVEO PHARMACEUTICALS,
INC.
75 SIDNEY STREET
CAMBRIDGE MA 02139*

ISSUER

AVEO PHARMACEUTICALS INC

CIK: **1325879** | IRS No.: **000000000** | State of Incorpor.: **DE** | Fiscal Year End: **1231**
SIC: **2834** Pharmaceutical preparations

Mailing Address
*75 SIDNEY STREET
4TH FLOOR
CAMBRIDGE MA 02139*

Business Address
*75 SIDNEY STREET
4TH FLOOR
CAMBRIDGE MA 02139
6172995000*

FORM 4

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

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

OMB APPROVAL	
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STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP

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

1. Name and Address of Reporting Person Slichenmyer William			2. Issuer Name and Ticker or Trading Symbol AVEO PHARMACEUTICALS INC [AVEO]			5. Relationship of Reporting Person(s) to Issuer (Check all applicable) <input type="checkbox"/> Director <input type="checkbox"/> 10% Owner <input checked="" type="checkbox"/> Officer (give title below) <input type="checkbox"/> Other (specify below) Chief Medical Officer		
(Last)	(First)	(Middle)	3. Date of Earliest Transaction (Month/Day/Year) 01/24/2013					
C/O AVEO PHARMACEUTICALS, INC., 75 SIDNEY STREET			4. If Amendment, Date 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		
(Street) CAMBRIDGE, MA 02139								
(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)	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	01/24/2013		A		37,500	A	\$ 0	61,193	D	
Common Stock	01/28/2013		S	(1)	1,150	D	\$7.7711	60,043	D	

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 of Derivative Security: Direct (D) or Indirect (I) (Instr. 4)	11. Nature of Indirect Beneficial Ownership (Instr. 4)	
				Code	V	(A)	(D)	Date Exercisable	Expiration Date						Title
Stock Option (right-to-buy)	\$7.72	01/24/2013		A		32,500		(2)	01/24/2023	Common Stock	32,500	\$ 0	32,500	D	

Explanation of Responses:

1. The sale reported in this Form 4 was effected pursuant to a Rule 10b5-1 trading plan adopted by the reporting person on March 14, 2011, which was implemented to cover taxable events related to the partial vesting of certain restricted stock.
2. This option vests in equal monthly installments from January 1, 2013 through January 1, 2017.

Signatures

/s/ Joseph D. Vittiglio, attorney-in-fact

** Signature of Reporting Person

01/28/2013

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.