COTMAN CARL W Form 4 March 04, 2010

FORM 4

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

OMB APPROVAL

OMB 3235-0287 Number:

January 31, Expires: 2005

10% Owner

Other (specify

0.5

Estimated average burden hours per response...

if no longer

Check this box

subject to Section 16. Form 4 or

Form 5 obligations may continue.

See Instruction

SECURITIES

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF

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

(Print or Type Responses)

1(b).

(Last)

1. Name and Address of Reporting Person *

(First)

COTMAN CARL W

15241 BARRANCA PKWY

2. Issuer Name and Ticker or Trading Symbol

CORTEX PHARMACEUTICALS INC/DE/[COR]

(Middle) 3. Date of Earliest Transaction

> (Month/Day/Year) 03/03/2010

(Street)

Filed(Month/Day/Year)

4. If Amendment, Date Original

Applicable Line) _X_ Form filed by One Reporting Person

Officer (give title

Form filed by More than One Reporting Person

6. Individual or Joint/Group Filing(Check

5. Relationship of Reporting Person(s) to

(Check all applicable)

Issuer

below)

X_ Director

IRVINE, CA 92618

(City) (State) (Zip)

Table I - Non-Derivative Securities Acquired, Disposed of, or Beneficially Owned

2. Transaction Date 2A. Deemed 1.Title of Security (Month/Day/Year) (Instr. 3)

Execution Date, if (Month/Day/Year)

3. 4. Securities TransactionAcquired (A) or Code Disposed of (D) (Instr. 8) (Instr. 3, 4 and 5) 5. Amount of Securities Beneficially Owned Following Reported

6. Ownership 7. Nature of Form: Direct Indirect (D) or Indirect Beneficial Ownership (I) (Instr. 4) (Instr. 4)

(A) Transaction(s) or (Instr. 3 and 4) Code V Amount (D) Price

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 displays a currently valid OMB control number.

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

1. Title of 3. Transaction Date 3A. Deemed 4. 5. Number of 6. Date Exercisable and 7. Title and Amount of TransactionDerivative Derivative (Month/Day/Year) Execution Date, if **Expiration Date Underlying Securities** Conversion (Month/Day/Year) (Instr. 3 and 4) Security or Exercise Code Securities any

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(Instr. 3)	Price of Derivative Security		(Month/Day/Year)	(Instr.	8)	Acquired (A) or Disposed of (D) (Instr. 3, 4, and 5)					
				Code	V	(A)	(D)	Date Exercisable	Expiration Date	Title	Amount or Number of Shares
Options to Purchase Common Stock	\$ 0.16	03/03/2010		A		30,000		<u>(1)</u>	03/03/2020	Common Stock	30,000

Reporting Owners

Reporting Owner Name / Address	Relationships						
	Director	10% Owner	Officer	Other			
COTMAN CARL W 15241 BARRANCA PKWY IRVINE, CA 92618	X						

Signatures

Maria S. Messinger, Attorney in fact 03/03/2010

**Signature of Reporting Person

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) The option becomes vested and exercisable in three equal annual installments beginning on March 3, 2011.

Date

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.

Reporting Owners 2