COLEMAN JAMES H

Check this box

if no longer

subject to

Form 4

December 05, 2005

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

OMB Number:

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STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF

SECURITIES Section 16. Form 4 or Form 5

Filed pursuant to Section 16(a) of the Securities Exchange Act of 1934, obligations Section 17(a) of the Public Utility Holding Company Act of 1935 or Section may continue. 30(h) of the Investment Company Act of 1940 See Instruction

1(b).

(Print or Type Responses)

1. Name and Address of Reporting Person * **COLEMAN JAMES H**

2. Issuer Name and Ticker or Trading

Issuer

Director

Symbol

CORTEX PHARMACEUTICALS INC/DE/[COR]

(Check all applicable)

Sr. VP, Business Development

5. Relationship of Reporting Person(s) to

(Last) (First) (Middle)

3. Date of Earliest Transaction (Month/Day/Year)

X_ Officer (give title Other (specify below) below)

15241 BARRANCA PKWY 12/01/2005

(Street)

4. If Amendment, Date Original

6. Individual or Joint/Group Filing(Check

Filed(Month/Day/Year)

Applicable Line) _X_ Form filed by One Reporting Person

Form filed by More than One Reporting Person

IRVINE, CA 92618

(City) (State) (Zip) Table I - Non-Derivative Securities Acquired, Disposed of, or Beneficially Owned

(Month/Day/Year)

(Instr. 4)

1. Title of Security (Instr. 3)

2. Transaction Date 2A. Deemed (Month/Day/Year) Execution Date, if

3. 4. Securities TransactionAcquired (A) or Code Disposed of (D)

5. Amount of Securities Beneficially Owned

6. Ownership 7. Nature of Form: Direct Indirect (D) or Indirect Beneficial (T)

Ownership (Instr. 4)

10% Owner

(A)

(Instr. 8)

Following Reported Transaction(s)

(Instr. 3 and 4)

Code V Amount (D) Price

(Instr. 3, 4 and 5)

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

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SEC 1474 (9-02)

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

1. Title of Derivative Security

Conversion or Exercise

3. Transaction Date 3A. Deemed (Month/Day/Year) Execution Date, if

any

4. 5. Number of **Transaction**Derivative Code Securities

6. Date Exercisable and **Expiration Date** (Month/Day/Year)

7. Title and Amount of **Underlying Securities** (Instr. 3 and 4)

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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 o Number o Shares
Options to Purchase Common	\$ 2.35	12/01/2005		A		100,000		<u>(1)</u>	12/01/2015	Common Stock	100,000

Reporting Owners

Reporting Owner Name / Address Relationships

Director 10% Owner Officer Other

COLEMAN JAMES H 15241 BARRANCA PKWY IRVINE, CA 92618

Sr. VP, Business Development

Signatures

Stock

Maria Messinger, Attorney

in fact 12/02/2005

**Signature of Reporting Person Date

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 options become exercisable in three equal annual installments beginning on December 1, 2006.

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.

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