## FORM 5

Check this box if no longer subject to Section 16. Form 4 or Form 5 obligations may continue See Instruction 1(b).
Form 3 Holdings Reported.

## UNITED STATES SECURITIES AND EXCHANGE COMMISSION

Washington, D.C. 20549

## ANNUAL 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

## OMB APPROVAL

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Form 4 Tran Reported.	nsactions		Investmer	it Company	/ Act of 1940	)							
1. Name and A Williams Marti	-	orting Person *	2. Issuer Name <b>and</b> Ticker or Trading Symbol SYNTA PHARMACEUTICALS CORP [SNTA]						1				
(Last) C/O SYNTA P CORP., 45 HA			3. Statement for Issuer's Fiscal Year Ended (Month/Day/Year) 12/31/2007						(Check all applicable) Director 10% Owr  X Officer (give title below) (specify below) Sr. VP, Business Dev., CBO				
(City)	MA (State)	02421 (Zip)	4. If Amendment, Date of Original Filed (Month/Day/Year)						Individual or Joint/Group Filing Check Applicable Line)  X Form filed by One Reporting Person Form filed by More than One Reporting Person				
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	3. Transaction	4. Securities Acquired (A) or Disposed Of (D) (Instr. 3, 4 and			d 5) Securities		Ownership	7. Nature of Indirect		
			any(Month/Day/Year)	Code (Instr. 8)	Amount	(A) or (D)	Price	e	Beneficially Owned at end of Issuer's Fiscal Year (Instr. 3 and 4)	Form: Direct (D) or Indirect (I) (Instr. 4)	Beneficial Ownership (Instr. 4)		
Common Stock		11/16/2007		G	200	D	\$ 0		0	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 Excercise 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		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: Direct (D) or Indirect (I) (Instr. 4)	11. Nature of Indirect Beneficial Ownership (Instr. 4)
					(A)	(D)	Date Exercisable	Expiration Date	Title	Amount or Number of Shares				

**Explanation of Responses:** 

<u>/s/ Ann Margaret Eames,</u> <u>Attorney-in-Fact</u>

02/14/2008

\*\* Signature of Reporting Person

Date

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

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.

<sup>\*</sup> If the form is filed by more than one reporting person, see Instruction 4(b)(v).

<sup>\*\*</sup> Intentional misstatements or omissions of facts constitute Federal Criminal Violations See18 U.S.C. 1001 and 15 U.S.C. 78ff(a).