FORM 4

UNITED STATES SECURITIES AND EXCHANGE COMMISSION

Washington, D.C. 20549

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

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP

Filed pursuant to Section 16(a) of the Securities Exchange Act of 1934 or Section 30(h) of the Investment Company Act of 1940

REAR (Last)	nd Address o DON WI (Fi	SYN SNTA	Synta Pharmaceuticals Corp [SNTA] 3. Date of Earliest Transaction (Month/Day/Year) 07/01/2010											all app	blicable) tor er (give title	r 109		wner (specify			
45 HAR (Street) LEXING (City)	TWELL AV	-	4. If Amendment, Date of Original Filed (Month/Day/Year)											vidual or Joint/Group Filing (Check Applicable 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 2A. Deemed 3. 4. Securities Acquired (A) or 5. Amount of 6. Ownership 7. Nature																					
1. Title of Security (Instr. 3) 2. Transacti Date (Month/Day.						Execution Date,				Transaction Dis			sed Of (3, 4 Secur Benef Owne Follow		rities Foricially (Discounting)		wnership n: Direct or rect (I) tr. 4)	7. Nature of Indirect Beneficial Ownership (Instr. 4)
										e	V	Amou	mount (A) or (D)		Pric	е	Reported Transaction(s) (Instr. 3 and 4)				
Common Stock 07/01/20							2010					3,861(1)		A	\$0	(1)	12,237			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)	if any		4. Transact Code (In 8)				6. Date Exercisab Expiration Date (Month/Day/Year)			Amount Securiti Underly Derivati		nt of ities lying ative ity (Instr. 3		8. Price of Derivative Security (Instr. 5)		9. Number of derivative Securities Beneficially Owned Following Reported Transaction (Instr. 4)	Ownership Form: Direct (D) or Indirect (I) (Instr. 4)	11. Nature of Indirect Beneficial Ownership (Instr. 4)	
					Code	v	(A)	(D)	Date Exercis	able	Exp Date	iration	Title	of	mber						
Director Stock Option (Right to Buy)	\$2.59	07/01/2010			A		5,500		(2)		07/0	01/2020	Commo Stock		,500	\$	60	5,500		D	

Explanation of Responses:

- 1. Represents a restricted stock grant subject to the Issuer's lapsing forfeiture right, which lapses as to 25% of the shares on each of September 30, 2010, December 31, 2010, March 31, 2011 and June 30, 2011, provided the Reporting Person continues to serve as a director of the Issuer on such date.
- 2. The option vests as to 25% of the shares on each of September 30, 2010, December 31, 2010, March 31, 2011 and June 30, 2011, provided the Reporting Person continues to serve as a director of the Issuer on such date.

/s/ Ann Margaret Eames, Attorney-in-Fact 07/06/2010

** Signature of Reporting Person Dat

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.

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