FORM	4
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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).

02421

LEXINGTON MA

UNITED STATES SECURITIES AND EXCHANGE COMMISSION

Washington, D.C. 20549

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP

Expires:

-	obligations may continue. See Instruction 1(b). 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 an Vukovic Voj		porting Person [*]	2. Issuer Name and Ticker or Trading Symbol SYNTA PHARMACEUTICALS CORP [SNTA]	Issuer		ng Person(s) to				
	(First) VPHARMACEUT HARTWELL AVI		3. Date of Earliest Transaction (Month/Day/Year) 06/29/2012	(Check all app Directo X Officer title bel SVP, C	r (give	10% Owner Other (specify below) al Officer				
(Street)			4. If Amendment, Date of Original Filed	6. Individual or Joint/Group Filing						

OMB APPROVAL

3235-0287

2014

December 31,

OMB

(Check Applicable Line)

X Form filed by One Reporting Person

Number:

(City)	(State)	(Zip)	Form filed by More than One Reporting Person									
Table I - Non-Derivative Securities Acquired, Disposed of, or Beneficially Owned												
Security	2. Transaction Date (Month/Day/Year)		Code		4. Securities Acquired (A) or Disposed of (D) (Instr. 3, 4 and 5)			5. Amount of Securities Beneficially Owned	6. Ownership Form: Direct (D)	7. Nature of Indirect Beneficial Ownership		
			Code	v	Amount	(A) Report or (Instr. 3		Following Reported Transaction(s) (Instr. 3 and 4)	or Indirect (I) (Instr. 4)	(Instr. 4)		
Common Stock	06/29/2012		Р		3,000	Α	\$ 5.585 ⁽¹⁾	25,249	D			

(Month/Day/Year)

	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)	Code	ansaction de 5. Number of Derivative		6. Date Exercisable and Expiration Date (Month/Day/Year)		7. Title and Amount of Underlying Securities (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	Amount or Number of Shares				

Explanation of Responses:

1. The shares were purchased in multiple transactions at prices ranging from \$5.5699 to \$5.6199 per share. The price reported above is the weighted average purchase price. The Reporting Person hereby undertakes to provide upon request to the staff of the SEC, the Issuer or a security holder of the Issuer, full information regarding the number of shares purchased at each separate price within the range set forth above.

/s/ Ann Margaret Eames,
Attorney-in-Fact07/02/2012** Signature of Reporting
PersonDate

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.