

**STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP**

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

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

OMB APPROVAL	
OMB Number:	3235-0287
Estimated average burden hours per response:	0.5

1. Name and Address of Reporting Person* <b>SMITH IAN F</b>  (Last) (First) (Middle) <b>C/O VERTEX PHARMACEUTICALS INCORPORATED</b> <b>130 WAVERLY ST.</b>  (Street) <b>CAMBRIDGE MA 02139</b>  (City) (State) (Zip)	2. Issuer Name and Ticker or Trading Symbol <b>VERTEX PHARMACEUTICALS INC / MA [ VRTX ]</b>	5. Relationship of Reporting Person(s) to Issuer (Check all applicable) Director 10% Owner <input checked="" type="checkbox"/> Officer (give title below) Other (specify below) <b>EVP &amp; CFO</b>
	3. Date of Earliest Transaction (Month/Day/Year) <b>04/19/2013</b>	
	4. If Amendment, Date of Original Filed (Month/Day/Year)	6. Individual or Joint/Group Filing (Check Applicable Line) <input checked="" type="checkbox"/> Form filed by One Reporting Person <input type="checkbox"/> 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 any (Month/Day/Year)	3. Transaction Code (Instr. 8)		4. Securities Acquired (A) or Disposed Of (D) (Instr. 3, 4 and 5)			5. Amount of Securities Beneficially Owned Following Reported Transaction(s) (Instr. 3 and 4)	6. Ownership Form: Direct (D) or Indirect (I) (Instr. 4)	7. Nature of Indirect Beneficial Ownership (Instr. 4)
			Code	V	Amount	(A) or (D)	Price			
Common Stock	04/19/2013		M		15,858	A	\$51.75	46,068	D	
Common Stock	04/19/2013		M		27,187	A	\$38.8	73,255	D	
Common Stock	04/19/2013		M		24,921	A	\$33.82	98,176	D	
Common Stock	04/19/2013		M		40,781	A	\$39.05	138,957	D	
Common Stock	04/19/2013		M		54,375	A	\$33.55	193,332	D	
Common Stock	04/19/2013		M		33,983	A	\$33.28	227,315	D	
Common Stock	04/19/2013		M		36,250	A	\$35.35	263,565	D	
Common Stock	04/19/2013		M		54,375	A	\$36.3	317,940	D	
Common Stock	04/19/2013		M		28,570	A	\$28.84	346,510	D	
Common Stock	04/19/2013		M		36,250	A	\$32.16	382,760	D	
Common Stock	04/19/2013		M		73,500	A	\$35.64	456,260	D	
Common Stock	04/19/2013		M		300,000	A	\$33	756,260	D	
Common Stock	04/19/2013		M		13,593	A	\$37.86	769,853	D	
Common Stock	04/19/2013		S <sup>(1)</sup>		691,318	D	\$81.5	78,535	D	
Common Stock	04/19/2013		S <sup>(1)</sup>		54,367	D	\$85	24,168	D	
Common Stock								5,205	I	401(k)

**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)	4. Transaction Code (Instr. 8)		5. Number of Derivative Securities Acquired (A) or Disposed of (D) (Instr. 3, 4 and 5)		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)
				Code	V	(A)	(D)	Date Exercisable	Expiration Date	Title	Amount or Number of Shares				
Employee Stock Option (right to buy)	\$35.64	04/19/2013		M			73,500	(2)	02/01/2016	Common Stock	73,500	\$0.00	0	D	
Employee Stock Option (right to buy)	\$35.35	04/19/2013		M			36,250	(2)	07/19/2016	Common Stock	36,250	\$0.00	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 Exercise 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 Securities Acquired (A) or Disposed of (D) (Instr. 3, 4 and 5)		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)
				Code	V	(A)	(D)	Date Exercisable	Expiration Date	Title	Amount or Number of Shares				
Employee Stock Option (right to buy)	\$36.3	04/19/2013		M			54,375	(2)	01/23/2017	Common Stock	54,375	\$0.00	0	D	
Employee Stock Option (right to buy)	\$28.84	04/19/2013		M			28,570	(2)	07/11/2017	Common Stock	28,570	\$0.00	0	D	
Employee Stock Option (right to buy)	\$32.16	04/19/2013		M			36,250	(2)	07/23/2018	Common Stock	36,250	\$0.00	0	D	
Employee Stock Option (right to buy)	\$33.55	04/19/2013		M			54,375	(2)	02/04/2019	Common Stock	54,375	\$0.00	0	D	
Employee Stock Option (right to buy)	\$33.28	04/19/2013		M			33,983	(3)	07/15/2019	Common Stock	33,983	\$0.00	2,267	D	
Employee Stock Option (right to buy)	\$33	04/19/2013		M			300,000	(2)	10/21/2019	Common Stock	300,000	\$0.00	0	D	
Employee Stock Option (right to buy)	\$39.05	04/19/2013		M			40,781	(4)	02/03/2020	Common Stock	40,781	\$0.00	13,594	D	
Employee Stock Option (right to buy)	\$33.82	04/19/2013		M			24,921	(5)	07/13/2020	Common Stock	24,921	\$0.00	11,329	D	
Employee Stock Option (right to buy)	\$38.8	04/19/2013		M			27,187	(6)	02/02/2021	Common Stock	27,187	\$0.00	27,188	D	
Employee Stock Option (right to buy)	\$51.75	04/19/2013		M			15,858	(7)	07/12/2021	Common Stock	15,858	\$0.00	20,392	D	
Employee Stock Option (right to buy)	\$37.86	04/19/2013		M			13,593	(8)	02/01/2022	Common Stock	13,593	\$0.00	40,782	D	

**Explanation of Responses:**

- Transaction made pursuant to Mr. Smith's company approved trading plan under Rule 10b5-1.
- Fully vested.
- Right to buy under 2006 Stock and Option Plan, vesting in 16 quarterly installments from 07/16/2009.
- Right to buy under 2006 Stock and Option Plan, vesting in 16 quarterly installments from 02/04/2010.
- Right to buy under 2006 Stock and Option Plan, vesting in 16 quarterly installments from 07/14/2010.
- Right to buy under 2006 Stock and Option Plan, vesting in 16 quarterly installments from 02/03/2011.
- Right to buy under 2006 Stock and Option Plan, vesting in 16 quarterly installments from 07/13/2011.
- Right to buy under 2006 Stock and Option Plan, vesting in 16 quarterly installments from 02/02/2012.

**Remarks:**

Kenneth L. Horton, Attorney- 04/23/2013  
In-Fact

\*\* Signature of Reporting Person      Date

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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