

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP

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).

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

1. Name and Address of Reporting Person* <u>LEIDEN JEFFREY M</u> (Last) (First) (Middle) <u>C/O VERTEX PHARMACEUTICALS INCORPORATED</u> <u>50 NORTHERN AVENUE</u> (Street) <u>BOSTON MA 02210</u> (City) (State) (Zip)	2. Issuer Name and Ticker or Trading Symbol <u>VERTEX PHARMACEUTICALS INC / MA [VRTX]</u>	5. Relationship of Reporting Person(s) to Issuer (Check all applicable) <input checked="" type="checkbox"/> Director 10% Owner <input checked="" type="checkbox"/> Officer (give title below) Other (specify below) CEO & President
	3. Date of Earliest Transaction (Month/Day/Year) <u>07/19/2017</u>	
	4. If Amendment, Date of Original Filed (Month/Day/Year)	

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	07/19/2017		M		110,624	A	\$45.11	400,266	D	
Common Stock	07/19/2017		M		73,750	A	\$48.74	474,016	D	
Common Stock	07/19/2017		S ⁽¹⁾		184,374	D	\$161	289,642	D	
Common Stock	07/21/2017		S ⁽¹⁾		700	D	\$157.42 ⁽²⁾⁽³⁾	288,942	D	
Common Stock	07/21/2017		S ⁽¹⁾		4,837	D	\$158.46 ⁽³⁾⁽⁴⁾	284,105	D	
Common Stock	07/21/2017		S ⁽¹⁾		3,500	D	\$159.34 ⁽³⁾⁽⁵⁾	280,605	D	
Common Stock	07/21/2017		S ⁽¹⁾		900	D	\$160.42 ⁽³⁾⁽⁶⁾	279,705	D	
Common Stock	07/21/2017		S ⁽¹⁾		17,255	D	\$161.43 ⁽³⁾⁽⁷⁾	262,450	D	
Common Stock	07/21/2017		S ⁽¹⁾		5,058	D	\$162.08 ⁽³⁾⁽⁸⁾	257,392	D	
Common Stock								440	I	401k

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				
Stock Option (Right to Buy)	\$45.11	07/19/2017		M			110,624	(9)	02/04/2023	Common Stock	110,624	\$0.00	66,376	D	
Stock Option (Right to Buy)	\$48.74	07/19/2017		M			73,750	(9)	07/24/2022	Common Stock	73,750	\$0.00	44,250	D	

Explanation of Responses:

- Transaction made pursuant to Dr. Leiden's company-approved trading plan under Rule 10b5-1.
- Open market sales reported on this line occurred at a weighted average price of \$157.42 (range \$156.81 to \$157.71).
- Dr. Leiden undertakes to provide (upon request by the SEC staff, the issuer or a security holder of the issuer) full information regarding the number of shares sold at each separate price.
- Open market sales reported on this line occurred at a weighted average price of \$158.46 (range \$157.88 to \$158.86).
- Open market sales reported on this line occurred at a weighted average price of \$159.34 (range \$158.89 to \$159.77).
- Open market sales reported on this line occurred at a weighted average price of \$160.42 (range \$159.90 to \$160.86).
- Open market sales reported on this line occurred at a weighted average price of \$161.43 (range \$160.92 to \$161.91).
- Open market sales reported on this line occurred at a weighted average price of \$162.08 (range \$161.92 to \$162.45).
- Fully vested.

Remarks:

/s/ Omar White, Attorney-in-Fact

07/21/2017

** 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.

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.