

Mirati Therapeutics, Inc.  
Form 4  
January 10, 2017

**FORM 4**

**UNITED STATES SECURITIES AND EXCHANGE COMMISSION  
Washington, D.C. 20549**

OMB APPROVAL

OMB Number: 3235-0287  
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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 OF SECURITIES**

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

(Print or Type Responses)

1. Name and Address of Reporting Person \*  
Boxer Capital, LLC

(Last) (First) (Middle)

11682 EL CAMINO REAL, SUITE 320,

(Street)

SAN DIEGO, CA 92130

(City) (State) (Zip)

2. Issuer Name and Ticker or Trading Symbol  
Mirati Therapeutics, Inc. [MRTX]

3. Date of Earliest Transaction (Month/Day/Year)  
01/06/2017

4. If Amendment, Date Original Filed(Month/Day/Year)

5. Relationship of Reporting Person(s) to Issuer

(Check all applicable)

\_\_\_ Director \_\_\_X\_\_\_ 10% Owner  
\_\_\_ Officer (give title below) \_\_\_ Other (specify below)

6. Individual or Joint/Group Filing(Check Applicable Line)

\_\_\_ Form filed by One Reporting Person  
\_X\_ 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 Ownership (Instr. 4)
			Code	V	Amount	(A) or (D)	Price
Common Stock	01/06/2017		P		280,059	A	\$ 5.6
Common Stock	01/06/2017		P		6,104	A	\$ 5.6
Common Stock							30,518
Common Stock							13,131
Common Stock							37,241

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Common Stock	77,038	D <u>(7)</u>
Common Stock	87,052	D <u>(8)</u>

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

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**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 Underlying Securities (Instr. 3 and 4)
				Code	V (A) (D)	Date Exercisable Expiration Date	Title Amount Number of Shares
Warrant (right to purchase)	\$ 0.001	01/06/2017		P	2,341,786	01/06/2017 <u>(9)</u>	Common Stock 2,341,786
Warrant (right to purchase)	\$ 0.001	01/06/2017		P	51,047	01/06/2017 <u>(9)</u>	Common Stock 51,047

## Reporting Owners

Reporting Owner Name / Address	Relationships			
	Director	10% Owner	Officer	Other
Boxer Capital, LLC 11682 EL CAMINO REAL, SUITE 320 SAN DIEGO, CA 92130		X		
LEWIS JOSEPH C/O CAY HOUSE P.O. BOX N-7776 E.P. TAYLOR DRIVE LYFORD CAY NEW PROVIDENCE, C5		X		
Boxer Asset Management Inc. C/O CAY HOUSE P.O. BOX N-7776 E.P. TAYLOR DRIVE LYFORD CAY NEW PROVIDENCE, C5		X		
MVA Investors, LLC		X		

11682 EL CAMINO REAL, SUITE 320 SAN DIEGO, CA 92130	
LAPPE RODNEY W 4660 LA JOLLA VILLAGE DRIVE, SUITE 500 SAN DIEGO, CA 92121	X
LIEBERBURG IVAN M 11682 EL CAMINO REAL, SUITE 320 SAN DIEGO, CA 92130	X
Davis Aaron I. 11682 EL CAMINO REAL, SUITE 320 SAN DIEGO, CA 92130	X
Reisman Neil 11682 EL CAMINO REAL, SUITE 320 SAN DIEGO, CA 92130	X
Dissanayake Shehan Bharatha 11682 EL CAMINO REAL, SUITE 320 SAN DIEGO, CA 92130	X
Fuglesang Christopher 11682 EL CAMINO REAL, SUITE 320 SAN DIEGO, CA 92130	X

## Signatures

Boxer Capital, LLC, By: /s/ Aaron Davis, Aaron Davis __Signature of Reporting Person	01/10/2017 Date
Boxer Asset Management Inc., By: /s/ Jefferson Voss, Jefferson Voss __Signature of Reporting Person	01/10/2017 Date
MVA Investors, LLC, By: /s/ Aaron Davis, Aaron Davis __Signature of Reporting Person	01/10/2017 Date
Joseph Lewis, /s/ Joseph Lewis, Joseph Lewis __Signature of Reporting Person	01/10/2017 Date
Rodney W. Lappe, By: /s/ Rodney W. Lappe, Rodney W. Lappe __Signature of Reporting Person	01/10/2017 Date
Ivan M. Lieberburg, By: /s/ Ivan M. Lieberburg, Ivan M. Lieberburg __Signature of Reporting Person	01/10/2017 Date
Aaron I. Davis, By: /s/ Aaron I. Davis, Aaron I. Davis __Signature of Reporting Person	01/10/2017 Date
Neil Reisman, By: /s/ Neil Reisman, Neil Reisman __Signature of Reporting Person	01/10/2017 Date
Shehan B. Dissanayake, By: /s/ Shehan B. Dissanayake, Shehan B. Dissanayake __Signature of Reporting Person	01/10/2017 Date
	01/10/2017

Christopher Fuglesang, By: /s/ Christopher Fuglesang, Christopher Fuglesang

\_\_Signature of Reporting Person

Date

## Explanation of Responses:

\* 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).

(1) These securities are owned directly by Boxer Capital, LLC ("Boxer Capital"), which may be deemed to be a member of a "group" for purposes of Section 13(d) of the Securities Exchange Act of 1934, as amended, consisting of (i) Braslyn Ltd. ("Braslyn"), (ii) Boxer Capital, (iii) Boxer Asset Management Inc. ("Boxer Management"), (v) MVA Investors, LLC ("MVA Investors"), (vi) Joe Lewis, (vii) Rodney W. Lappe, (viii) Ivan M. Lieberburg, (ix) Aaron I. Davis, (x) Neil Reisman, (xi) Shehan B. Dissanayake, and (xii) Christopher Fuglesang (collectively, the "Boxer Group"), and indirectly by Boxer Management and Messrs.

(2) (Continued from Footnote 1) Lewis, Fuglesang, Reisman, Lieberburg, Dissanayake and Davis, by virtue of their ownership in Boxer Capital. Each of Messrs. Fuglesang, Reisman, Lieberburg, Dissanayake and Davis is a member of Boxer Capital. Each member of the Boxer Group other than Boxer Capital disclaims beneficial ownership of these securities to the extent it or he does not have a pecuniary interest therein.

(3) These securities are owned directly and solely by MVA Investors, which has sole voting and dispositive power with respect to these securities. Each of Messrs. Fuglesang, Reisman, Lieberburg, Dissanayake and Davis is a member of MVA Investors. Each member of the Boxer Group other than MVA Investors disclaims beneficial ownership of these securities to the extent it or he does not have a pecuniary interest therein.

(4) These securities are owned directly by Christopher Fuglesang, who may be deemed to be a member of the Boxer Group, and includes 11,436 shares received in connection with the pro rata distribution by Boxer Capital to its members on March 16, 2016 (the "Boxer Capital Pro Rata Distribution").

(5) These securities are owned directly by Neil Reisman, who may be deemed to be a member of the Boxer Group, and includes 4,921 shares received in connection with the Boxer Capital Pro Rata Distribution.

(6) These securities are owned directly by Ivan M. Lieberburg, who may be deemed to be a member of the Boxer Group, and includes 34,981 shares received in connection with the Boxer Capital Pro Rata Distribution.

(7) These securities are owned directly by Shehan B. Dissanayake, who may be deemed to be a member of the Boxer Group, and includes 28,869 shares received in connection with the Boxer Capital Pro Rata Distribution.

(8) These securities are owned directly by Aaron I. Davis, who may be deemed to be a member of the Boxer Group, and includes 32,622 shares received in connection with the Boxer Capital Pro Rata Distribution.

(9) The warrants do not have an expiration date and are not exercisable to the extent that, following exercise of such warrants, the warrant holder and its affiliates would beneficially own more than 19.99% of the issuer's common stock.

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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