Mirati Therapeutics, Inc. Form 4 November 12, 2013

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

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF

SECURITIES

OMB APPROVAL

OMB 3235-0287 Number:

January 31, Expires: 2005

> 10% Owner Other (specify

Estimated average burden hours per

response... 0.5

if no longer subject to Section 16. Form 4 or Form 5

Check this box

obligations may continue. See Instruction

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(b).

(Last)

(Print or Type Responses)

1. Name and Address of Reporting Person * **CHEN ISAN**

(First)

(Street)

(Middle)

2. Issuer Name and Ticker or Trading Symbol

Mirati Therapeutics, Inc. [MRTX]

3. Date of Earliest Transaction

(Month/Day/Year) 11/08/2013

5. Relationship of Reporting Person(s) to Issuer

(Check all applicable)

C/O MIRATI THERAPEUTICS, INC., 9363 TOWNE CENTRE DRIVE, STE 200

4. If Amendment, Date Original

Filed(Month/Day/Year)

below) Chief Medical & Dev't Officer

6. Individual or Joint/Group Filing(Check

Director

X_ Officer (give title

Applicable Line) _X_ Form filed by One Reporting Person Form filed by More than One Reporting

SAN DIEGO, CA 92121

(City) (State) (Zip)

Table I - Non-Derivative Securities Acquired, Disposed of, or Beneficially Owned

1. Title of 2. Transaction Date 2A. Deemed Security (Month/Day/Year) Execution Date, if (Instr. 3)

(Month/Day/Year)

3. 4. Securities TransactionAcquired (A) or Code Disposed of (D) (Instr. 3, 4 and 5) (Instr. 8)

5. Amount of Securities Beneficially Owned Following

6. Ownership 7. Nature of Form: Direct Indirect (D) or Indirect Beneficial Ownership (I) (Instr. 4) (Instr. 4)

Reported (A) Transaction(s) or (Instr. 3 and 4) Code V Amount (D) Price

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

Persons who respond to the collection of SEC 1474 information contained in this form are not (9-02)required to respond unless the form displays a currently valid OMB control number.

Table II - Derivative Securities Acquired, Disposed of, or Beneficially Owned (e.g., puts, calls, warrants, options, convertible securities)

1. Title of Derivative Conversion 3. Transaction Date 3A. Deemed (Month/Day/Year) Execution Date, if

5. Number of TransactionDerivative

6. Date Exercisable and **Expiration Date**

7. Title and Amount of **Underlying Securities**

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Security (Instr. 3)	or Exercise Price of Derivative Security		any (Month/Day/Year)	Code (Instr. 8)	Securities Acquired (A) or Disposed of (D) (Instr. 3, 4, and 5)	(Month/Day/Year)		(Instr. 3 and 4)	
				Code V	(A) (D)	Date Exercisable	Expiration Date	Title	Amount Number Shares
Employee Stock Option (Right to Buy)	\$ 15.79	11/08/2013		A	110,000	<u>(1)</u>	11/07/2023	Common Stock	110,00
Employee Stock Option (Right to Buy)	\$ 15.79	11/08/2013		A	12,000	<u>(1)</u>	11/07/2023	Common Stock	12,000

Reporting Owners

Reporting Owner Name / Address Relationships

Director 10% Owner Officer Other

CHEN ISAN C/O MIRATI THERAPEUTICS, INC. 9363 TOWNE CENTRE DRIVE, STE 200 SAN DIEGO, CA 92121

Chief Medical & Dev't Officer

Signatures

/s/ Jamie A. Donadio, Attorney-in-Fact

**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) 1/4th of the shares subject to the Option shall vest and become exercisable on September 1, 2014, and 1/48th of the shares subject to the Option shall vest each month thereafter until fully vested.

Note: File three copies of this Form, one of which must be manually signed. If space is insufficient, *see* Instruction 6 for procedure. Potential persons who are to respond to the collection of information contained in this form are not required to respond unless the form displays a currently valid OMB number.

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