Sorrento Therapeutics, Inc. Form SC 13G May 23, 2014

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

SCHEDULE 13G

Under the Securities Exchange Act of 1934

(Amendment No. ___)*

Sorrento Therapeutics, Inc. (Name of Issuer)

Common Stock, par value \$0.0001 per share (Title of Class of Securities)

83587F202 (CUSIP Number)

May 15, 2014

(Date of Event which Requires Filing of this Statement)

Check the appropriate box to designate the rule pursuant to which this Schedule is filed.

o Rule 13d-1(b) x Rule 13d-1(c) o Rule 13d-1(d)

*The remainder of this cover page shall be filled out for a reporting person's initial filing on this form with respect to the subject class of securities, and for any subsequent amendment containing information which would alter disclosures provided in a prior cover page.

The information required on the remainder of this cover page shall not be deemed to be "filed" for the purpose of Section 18 of the Securities Exchange Act of 1934 ("Act") or otherwise subject to the liabilities of that section of the Act but shall be subject to all other provisions of the Act (however, see the Notes).

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| CUSIP No. 83587F202 | | S | Page CHEDULE 13G | age 2 of 13 | 3 |
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| 1 | | | REPORTING PERSON OR FIFICATION NO. OF ABOVE PERSON | | |
| 2 | CHECK | THE | tal III, LP E APPROPRIATE BOX IF A MEMBER OF A GROUP | | (a) c (b) x |
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| 12 | 6.3% TYPE O | F RE | EPORTING PERSON | | |
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| CUSIP No. 83587F202 | | S | Page CHEDULE 13G | ge 3 of 1. | 3 |
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| 1 | | | REPORTING PERSON OR TIFICATION NO. OF ABOVE PERSON | | |
| 2 | Aisling (| | (a) (b) 2 | | |
| 3 | SEC US | E Ol | NLY | | |
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| | | | REPORTING PERSON OR TIFICATION NO. OF ABOVE PERSON | | |
| | Steve El | ms | | | |
| 2 | CHECK | THI | E APPROPRIATE BOX IF A MEMBER OF A GROUP | | (a) o (b) x |
| 3 | SEC US | E OI | NLY | | |
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| CUSIP No. 83587F202 | | S | SCHEDULE 13G | age 6 of 13 | |
|-------------------------------------|----------------|--------|---|-------------|--------------|
| 1 | | | REPORTING PERSON OR TIFICATION NO. OF ABOVE PERSON | | |
| | Dennis l | Purce | ell | | |
| 2 | CHECK | THI | E APPROPRIATE BOX IF A MEMBER OF A GROUP | | a) o b) z |
| 3 | SEC US | E Ol | NLY | | |
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| | 1,763,50 | 00 (S | See Item 4) | | |
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| CUSIP No. 83587F202 | | S | SCHEDULE 13G | age 7 of 13 | 3 | |
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| 1 | | | REPORTING PERSON OR TIFICATION NO. OF ABOVE PERSON | | | |
| 2 | Andrew Schiff CHECK THE APPROPRIATE BOX IF A MEMBER OF A GROUP | | | | | |
| 3 | SEC US | E Ol | NLY | | | |
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| 11 | PERCE | NT C | OF CLASS REPRESENTED BY AMOUNT IN ROW (9) | | | |
| 12 | 6.3% TYPE O | F RI | EPORTING PERSON | | | |
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CUSIP No.
83587F202

SCHEDULE 13G

Name of Issuer:

Sorrento Therapeutics, Inc. (the "Issuer")

(b)

Address of Issuer's Principal Executive Offices:
6042 Cornerstone Ct. West, Suite B, San Diego, California 92121

I T E M(a)
Name of Person Filing:
2.

This Schedule 13G (this "Statement") is being filed by the following persons (collectively, the "Reporting Persons"):

(i) Aisling Capital III, LP, a Delaware limited partnership ("Aisling");

- (ii) Aisling Capital Partners III, LP, a Delaware limited partnership ("Aisling Partners" and a general partner of Aisling);
- (iii) Aisling Capital Partners III LLC, a Delaware limited liability company ("Aisling Partners GP" and a general partner of Aisling Partners);

(iv)Mr. Steve Elms ("Mr. Elms" and a managing member of Aisling Partners GP); (v)Mr. Dennis Purcell ("Mr. Purcell" and a managing member of Aisling Partners GP); and (vi)Mr. Andrew Schiff ("Mr. Schiff" and a managing member of Aisling Partners GP).

(b) Address of Principal Business Office, or if None, Residence:

The address of the principal business offices of each of the Reporting Persons is 888 Seventh Avenue, 30th Floor, New York, New York 10106.

(c) Citizenship:

(i)Aisling — a Delaware limited partnership
(ii)Aisling Partners — a Delaware limited partnership
(iii)Aisling Partners GP — a Delaware limited liability company
(iv)Mr. Elms — United States
(v)Mr. Purcell — United States
(vi)Mr. Schiff — United States

(d) Title of Class of Securities:

Common Stock, par value \$0.0001 per share (the "Common Stock").

(e) CUSIP Number:

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83587F202

| ITEM 3. | IIF THIS STATEMENT IS WHETHER THE PERSO | S FILED PURSUANT TO §240.13D-1(B) OR 240.13D-2(B) OR (C), CHECK ON FILING IS A: |
|------------|--|---|
| | (a) | [] Broker or dealer registered under Section 15 of the Act (15 U.S.C. 78o) |
| | (b) | [_] Bank as defined in Section 3(a)(6) of the Act (15 U.S.C. 78c) |
| | (c) | [] Insurance company as defined in Section 3(a)(19) of the Act (15 U.S.C. |
| | | 78c) |
| | (d) | [] Investment company registered under Section 8 of the Investment |
| | | Company Act of 1940 (15 U.S.C. 80a-8) |
| | (e) | [] An investment adviser in accordance with §240.13d-1(b)(1)(ii)(E) |
| | (f) | [] An employee benefit plan or endowment fund in accordance with |
| | | §240.13d-1(b)(1)(ii)(F); |
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|------------------------|------------|--|--|
| | (g) | [] A Parent hold §240.13d-1(b)(1)(ii | ing company or control person in accordance with)(G): |
| | (h) | | ociations as defined in Section 3(b) of the Federal Deposit |
| | (i) | [] A church plan | that is excluded from the definition of an investment tion 3(c)(14) of the Investment Company Act of 1940 (15 |
| | (j) (k) | | stitution in accordance with \$240.13d-1(b)(1)(ii)(J); ordance with \$240.13d-1(b)(1)(ii)(J). |
| ITEM 4. | OWNERSHIP | | |
| | (a) | Amount beneficiall | y owned: |
| | | _ | ng Persons may be deemed to beneficially own an aggregate of Common Stock. |
| | (b) | Percent of class: | |
| | | | ations made in accordance with Rule 13d-3(d), each of the may be deemed to beneficially own approximately 6.3% of mmon Stock. |
| | | presented in this State outstanding number | ownership of the Common Stock by Reporting Persons atement is based on 27,818,100 shares which is the total r of shares of the Common Stock reported in the Issuer's nent filed with the Securities and Exchange Commission by 15, 2014. |
| | (c) | Number of shares a | s to which such person has: |
| | | (i), (iii) | Sole power to vote or to direct the vote/Sole power to dispose of or to direct the disposition of: |
| | | | Each of Aisling, Aisling Partners and Aisling Partners GP may be deemed to have sole power to direct the voting and disposition of the 1,763,500 shares of Common Stock beneficially owned by Aisling. |
| | | (ii), (iv) | Shared power to vote or to direct the vote/Shared power to dispose of or to direct the disposition of: |
| | | | By virtue of the relationships between and among the |

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Reporting Persons as described in Item 2, each of Mr. Elms, Mr. Purcell and Mr. Schiff may be deemed to share the power to direct the voting and the disposition of the 1,763,500 shares of Common Stock beneficially owned by Aisling.

ITEM 5. OWNERSHIP OF FIVE PERCENT OR LESS OF A CLASS.

Not Applicable.

If this statement is being filed to report the fact that as of the date hereof the reporting person has ceased to be the beneficial owner of more than five percent of the class of securities, check the following ".

ITEM 6. OWNERSHIP OF MORE THAN FIVE PERCENT ON BEHALF OF ANOTHER PERSON.

The partners of Aisling have the right to participate in the receipt of dividends from, or proceeds from the sale of, the Shares held for the account of Aisling in accordance with their ownership interests in Aisling.

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ITEM 7. IDENTIFICATION AND CLASSIFICATION OF THE SUBSIDIARY WHICH

ACQUIRED THE SECURITY BEING REPORTED ON BY THE PARENT HOLDING

COMPANY.

Not Applicable.

ITEM 8. IDENTIFICATION AND CLASSIFICATION OF MEMBERS OF THE GROUP.

Not Applicable.

ITEM 9. NOTICE OF DISSOLUTION OF GROUP

Not Applicable.

ITEM 10. CERTIFICATIONS.

Each of the Reporting Persons hereby makes the following certification:

By signing below each Reporting Person certifies that, to the best of his or its knowledge and belief, the securities referred to above were not acquired and are not held for the purpose of or with the effect of changing or influencing the control of the issuer of the securities and were not acquired and are not held in connection with or as a participant in any transaction having that purpose or effect, other than activities solely in connection with

a nomination under section 240.14a-11.

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SIGNATURE

After reasonable inquiry and to the best of my knowledge and belief, I certify that the information set forth in this statement is true, complete and correct.

Dated: May 23, 2014

AISLING CAPITAL III, LP

By: Aisling Capital Partners III, LP,

As its General Partner

By: Aisling Capital Partners III LLC,

As its General Partner

By: /s/ Dennis Purcell

Name: Dennis Purcell Title: Managing Member

AISLING CAPITAL PARTNERS III, LP

By: Aisling Capital Partners III LLC,

As its General Partner

By: /s/ Dennis Purcell

Name: Dennis Purcell Title: Managing Member

AISLING CAPITAL PARTNERS III LLC

By: /s/ Dennis Purcell

Name: Dennis Purcell Title: Managing Member

STEVE ELMS

By: /s/ Steve Elms

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DENNIS PURCELL

By: /s/ Dennis Purcell

ANDREW SCHIFF

By: /s/ Andrew Schiff

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EXHIBIT INDEX

Joint Filing Agreement as required by Rule 13d-1(k)(1) under the Securities Exchange Act of 1934, as Exhibit 1. amended.