



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

DIVISION OF
CORPORATION FINANCE

July 8, 2013

Via E-mail

Dr. Henry Ji
Chief Executive Officer
Sorrento Therapeutics, Inc.
6042 Cornerstone Ct. West, Suite B
San Diego, California 92121

**Re: Sorrento Therapeutics, Inc.
Registration Statement on Form S-3
Filed June 24, 2013
File No. 333-189538**

Dear Dr. Ji:

We have limited our review of your registration statement to the resolution of your pending confidential treatment request. We will not be in a position to accelerate the effectiveness of your registration statement until we have completed processing your confidential treatment request.

We urge all persons who are responsible for the accuracy and adequacy of the disclosure in the filing to be certain that the filing includes the information the Securities Act of 1933 and all applicable Securities Act rules require. Since the company and its management are in possession of all facts relating to a company's disclosure, they are responsible for the accuracy and adequacy of the disclosures they have made.

Notwithstanding our comments, in the event you request acceleration of the effective date of the pending registration statement please provide a written statement from the company acknowledging that:

- should the Commission or the staff, acting pursuant to delegated authority, declare the filing effective, it does not foreclose the Commission from taking any action with respect to the filing;
- the action of the Commission or the staff, acting pursuant to delegated authority, in declaring the filing effective, does not relieve the company from its full responsibility for the adequacy and accuracy of the disclosure in the filing; and
- the company may not assert staff comments and the declaration of effectiveness as a defense in any proceeding initiated by the Commission or any person under the federal securities laws of the United States.

Dr. Henry Ji
Sorrento Therapeutics, Inc.
July 8, 2013
Page 2

Please refer to Rules 460 and 461 regarding requests for acceleration. We will consider a written request for acceleration of the effective date of the registration statement as confirmation of the fact that those requesting acceleration are aware of their respective responsibilities under the Securities Act of 1933 and the Securities Exchange Act of 1934 as they relate to the proposed public offering of the securities specified in the above registration statement. Please allow adequate time for us to review any amendment prior to the requested effective date of the registration statement.

Please contact Matthew Jones at (202) 551-3786, Bryan Pitko at (202) 551-3203 or me at (202) 551-3715 with any other questions.

Sincerely,

/s/ Bryan J. Pitko for

Jeffrey P. Riedler
Assistant Director

cc: Jeffrey Fessler
Marcelle Balcombe
Sichenzia Ross Friedman Ference LLP
61 Broadway, 32nd Floor
New York, New York 10006