

June 14, 2021

Daniel O Connell
Chief Executive Officer
Acumen Pharmaceuticals, Inc.
427 Park St.
Charlottesville, VA 22902

Re: Acumen

Pharmaceuticals, Inc.

Registration

Statement on Form S-1

Filed June 9, 2021
File No. 333-256945

Dear Mr. O Connell:

We have reviewed your registration statement and have the following comments. In some of our comments, we may ask you to provide us with information so we may better understand your disclosure.

Please respond to this letter by amending your registration statement and providing the requested information. If you do not believe our comments apply to your facts and circumstances or do not believe an amendment is appropriate, please tell us why in your response.

After reviewing any amendment to your registration statement and the information you provide in response to these comments, we may have additional comments.

Registration Statement on Form S-1

Use of Proceeds, page 78

1. Refer to comment 5 from our letter dated May 10, 2021. Please disclose your intended use of the proceeds from the offering. Your disclosure should describe how far the proceeds are expected to enable you to progress in the clinical development of ACU193.

We remind you that the company and its management are responsible for the accuracy and adequacy of their disclosures, notwithstanding any review, comments, action or absence of action by the staff.

Refer to Rules 460 and 461 regarding requests for acceleration. Please allow adequate time for us to review any amendment prior to the requested effective date of the registration statement.

Daniel O Connell
Acumen Pharmaceuticals, Inc.
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You may contact Jeanne Bennett at 202-551-3606 or Mary Mast at 202-551-3613 if you have questions regarding comments on the financial statements and related matters. Please contact David Gessert at 202-551-2326 or Celeste Murphy at 202-551-3257 with any other questions.

Sincerely,

FirstName LastNameDaniel O Connell

Division of Corporation

Finance

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cc: Darren DeStefano

FirstName LastName