

May 11, 2021

Robert B. Bazemore
President and Chief Executive Officer
Epizyme, Inc.
400 Technology Square, 4th Floor
Cambridge, Massachusetts 02139

Re: Epizyme, Inc.
Registration

Statement on Form S-3

Filed May 6, 2021
File No. 333-255806

Dear Mr. Bazemore:

This is to advise you that we have not reviewed and will not review your registration statement.

Please refer to Rules 460 and 461 regarding requests for acceleration. 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.

Please contact Irene

Paik at 202-551-6553 with any questions.

Sincerely,

Division of Corporation Finance
Office of Life Sciences

cc:

Molly W. Fox