

September 27, 2021

Grant Bogle  
President and Chief Executive Officer  
Epizyme, Inc.  
400 Technology Square, 4th Floor  
Cambridge, Massachusetts 02139

Re: Epizyme, Inc.  
Registration

Statement on Form S-3  
2021

Filed September 21,  
File No. 333-259680

Dear Mr. Bogle:

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 Chris

Edwards at 202-551-6761 with any questions.

Sincerely,

Division of Corporation Finance

Office of Life Sciences

cc:

Molly W. Fox, Esq.