

**EPIZYME, INC.**  
400 Technology Square, 4th Floor  
Cambridge, MA 02139

September 27, 2021

**VIA EDGAR**

Securities and Exchange Commission  
Division of Corporation Finance  
100 F Street, N.E.  
Washington, D.C. 20549

Re: Epizyme, Inc.  
Registration Statement on Form S-3  
File No. 333-259680  
Request for Acceleration

Ladies and Gentlemen:

Pursuant to Rule 461 promulgated under the Securities Act of 1933, as amended, Epizyme, Inc. (the "Registrant") hereby requests acceleration of the effective date of its Registration Statement on Form S-3 (File No. 333-259680), so that it may become effective at 4:00 p.m. Eastern time on September 29, 2021, or as soon thereafter as practicable, or at such later time as the Registrant or its counsel may orally request via telephone call to the staff.

Very truly yours,

**EPIZYME, INC.**

By: /s/ Grant Bogle

Name: Grant Bogle

Title: President and Chief Executive Officer

cc: Stuart M. Falber  
Molly W. Fox  
*Wilmer Cutler Pickering Hale and Dorr LLP*