

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

May 11, 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. 333-255806  
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. 333-255806), so that it may become effective at 4:00 p.m. Eastern time on May 13, 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/ Paolo Tombesi

Name: Paolo Tombesi

Title: Chief Financial Officer

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