



DIVISION OF
CORPORATION FINANCE

UNITED STATES
SECURITIES AND EXCHANGE COMMISSION
WASHINGTON, D.C. 20549

August 13, 2020

Steven O'Loughlin
Chief Financial Officer
Actinium Pharmaceuticals, Inc.
275 Madison Avenue, 7th Floor
New York, NY 10016

Re: Actinium Pharmaceuticals, Inc.
Registration Statement on Form S-3
Filed August 7, 2020
File No. 333-242322

Dear Mr. O'Loughlin:

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 Laura Crotty at (202) 551-7614 with any questions.

Sincerely,

Division of Corporation Finance
Office of Life Sciences

cc: Rick Werner