December 7, 2023

Keith Goldan Chief Financial Officer Syndax Pharmaceuticals Inc 35 Gatehouse Drive, Building D, Floor 3 Waltham, Massachusetts 02451

Re: Syndax

Pharmaceuticals Inc

Form 10K for Fiscal

Year Ended December 31, 2022

File No. 001-37708

Dear Keith Goldan:

 $\,$  We have completed our review of your filings. We remind you that the company and its

 $$\operatorname{\mathtt{man}}$  agement are responsible for the accuracy and adequacy of their disclosures, notwithstanding

any review, comments, action or absence of action by the staff.

Sincerely,

Division of Corporation Finance
Office of Life Sciences