



DIVISION OF
CORPORATION FINANCE

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

January 5, 2011

Matthew K. Fust
Executive Vice President and Chief Financial Officer
Onyx Pharmaceuticals, Inc.
2100 Powell Street
Emeryville, CA 94608

Re: Onyx Pharmaceuticals, Inc.
Form 10-K for the Fiscal Year Ended December 31, 2009
Filed February 23, 2010
Definitive Proxy Statement filed April 9, 2010
File Number: 000-28298

Dear Mr. Fust:

We have completed our review of your filings and do not have any further comments at this time.

Sincerely,

Jeffrey Riedler
Assistant Director

cc: Michael E. Tenta
Cooley LLP
3175 Hanover Street
Palo Alto, CA 94304-1130