



NDA 203283

**TENTATIVE APPROVAL**

AB Pharmaceuticals, LLC  
Attn: Andrej Gasperlin  
U.S. Agent for Macleods Pharmaceuticals Limited  
17471 Highland Way Drive  
Chesterfield, MO 63005

Dear Mr. Gasperlin:

Please refer to Macleods Pharmaceuticals Limited's New Drug Application (NDA) 203283 dated June 3, 2011, received June 6, 2011, submitted pursuant to section 505(b)(2) of the Federal Food, Drug, and Cosmetic Act for Lamivudine and Tenofovir disoproxil fumarate Tablets, 300 mg/300 mg.

We acknowledge receipt of your submissions dated:

July 5, 2011	September 27, 2011	March 21, 2012
August 19, 2011	January 20, 2012	May 8, 2012
September 17, 2011	February 28, 2012	October 25, 2012

The May 8, 2012, submission constituted a complete response to our April 4, 2012, action letter.

This NDA provides for the use of Lamivudine and Tenofovir disoproxil fumarate Tablets, 300 mg/300 mg in combination with other antiretrovirals for the treatment of HIV-1 infection in adults and pediatric patients 12 years of age and older and weighing at least 35 kg.

This NDA was reviewed under the President's Emergency Plan for AIDS Relief (PEPFAR).

We completed our review of this application. It is **tentatively approved** under 21 CFR 314.105 for use as recommended in the agreed-upon labeling (refer to the enclosed text for the package insert, patient package insert, immediate container and carton labels). Also refer to your October 25, 2012, submission for the revised immediate container and carton labels and the agreed-upon labeling emailed on October 24, 2012, for the package insert and patient package insert. Based on the data provided, the expiration dating period for Lamivudine and Tenofovir disoproxil fumarate Tablets, 300 mg/300 mg is 24 months when packaged in HDPE bottles of 30 tablets with silica gel desiccant, induction seal, and child resistant closure, and stored at 20-25°C.

This determination is based upon information available to the Agency at this time [i.e., information in your application and the status of current good manufacturing practices (cGMPs)]

of the facilities used in manufacturing and testing of the drug product]. This determination is subject to change on the basis of any new information that may come to our attention.

The listed reference drug products [Epivir<sup>®</sup> (lamivudine) and Viread<sup>®</sup> (tenofovir disoproxil fumarate)] upon which you base your application are subject to a period of patents' protection and therefore, final approval of your application under section 505(c)(3) of the Act [21 U.S.C. 355(c)(3)] may not be made effective until the period has expired. If you have questions as to when this date will be, please contact the Agency at the information provided below.

Two or six months prior to the expiration of the patents' protection, as appropriate, submit an amendment to this application identifying changes, if any, in the conditions under which your product was tentatively approved. Any changes to the conditions outlined in this NDA require our review before final approval and the goal date for our review will be set accordingly. Your amendment should include updated labeling, chemistry, manufacturing and controls data, and a safety update. This amendment should include draft final printed labels and labeling which comply with all United States regulations (uniqueness of drug product appearance per 21 CFR 206; child-resistant packaging per 16 CFR 1700, etc.). This amendment should be designated clearly in your cover letter as a "**FINAL APPROVAL REQUESTED.**"

We remind you that you are expected to comply with the reporting requirements provided in 21 CFR 314.80 and 314.81. If the product is to be mass distributed in developing countries, a system of collecting and reporting adverse drug reactions by the distributor would be desirable (e.g., through governmental or nongovernmental agencies distributing the products).

We remind you that, should you intend to market this product in the United States after the period of patents' protection, you are required to join the antiretroviral pregnancy registry at that time and make the appropriate labeling change that references the existence of the pregnancy registry. In addition, an updated package insert (PI) must be submitted under the Structured Product Labeling requirements (<http://www.fda.gov/oc/datacouncil/spl.html>) as defined by the Physician's Labeling Rule [21 CFR 201.56, 201.57].

Before we issue a final approval letter, this NDA is not deemed approved. If you believe that there are grounds for issuing the final approval letter before the period of patents' protection has expired, you should amend your application accordingly.

Please note that this drug product may not be marketed in the United States without final Agency approval under Section 505 of the Act. The introduction or delivery for introduction into interstate commerce of this drug product before the final approval date is prohibited under Section 501 of the Act and 21 U.S.C. 331(d).

If you have any questions, please contact David Araujo, Pharm.D., Senior Program Consultant, at (301) 796-0669 or email at [david.araujo@fda.hhs.gov](mailto:david.araujo@fda.hhs.gov).

Sincerely yours,

*{See appended electronic signature page}*

Jeffrey Murray, M.D., M.P.H.  
Deputy Director  
Division of Antiviral Products  
Office of Antimicrobial Products  
Center for Drug Evaluation and Research

Enclosures: PI, PPI, immediate container and carton labels

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**This is a representation of an electronic record that was signed electronically and this page is the manifestation of the electronic signature.**  
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/s/  
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JEFFREY S MURRAY  
11/08/2012