

**Draft Guidance on Emtricitabine; Tenofovir Disoproxil Fumarate
October 2024**

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Active Ingredients: Emtricitabine; Tenofovir disoproxil fumarate

Dosage Form: Tablet

Route: Oral

Strengths: 100 mg; 150 mg, 133 mg; 200 mg, 167 mg; 250 mg,
200 mg; 300 mg

Recommended Study: One in vivo bioequivalence study with pharmacokinetic endpoints

1. Type of study: Fasting
Design: Single-dose, two-treatment, two-period crossover in vivo
Strength: 200 mg; 300 mg
Subjects: Healthy males and non-pregnant, non-lactating females
Additional comments: None

Analytes to measure: Emtricitabine and tenofovir in plasma

Bioequivalence based on (90% CI): Emtricitabine and tenofovir

Waiver request of in vivo testing: 100 mg; 150 mg, 133 mg; 200 mg, and 167 mg; 250 mg based on (i) acceptable bioequivalence study on the 200 mg; 300 mg strength, (ii) acceptable in vitro dissolution testing of all strengths, and (iii) proportional similarity of the formulations across all strengths

Dissolution test method and sampling times: The dissolution information for this drug product can be found in the FDA's Dissolution Methods database, <http://www.accessdata.fda.gov/scripts/cder/dissolution/>. Conduct comparative dissolution testing on 12 dosage units for each of all strengths of the test product and reference listed drug (RLD).¹ Specifications will be determined upon review of the abbreviated new drug application.

Document History: Recommended June 2015; Revised May 2017, October 2024

Unique Agency Identifier: PSG_021752

¹ If the RLD is not available, refer to the most recent version of the FDA guidance for industry on *Referencing Approved Drug Products in ANDA Submissions*.