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Draft Guidance on Anastrozole

October 2024

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Active Ingredient: Anastrozole

Dosage Form: Tablet

Route: Oral

Strength: 1 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: 1 mg
   Subjects: Healthy females not of reproductive potential
   Additional comments: (1) Do not include subjects who are using female hormone replacement therapies, thyroid hormone replacement therapies, or antihypertensive therapies in the study population. (2) Anastrozole has a long terminal half-life. Ensure an adequate washout period between treatments in the crossover study due to the long elimination half-life of anastrozole. Alternatively, a parallel study design may be considered.

Analyte to measure: Anastrozole in plasma

Bioequivalence based on (90% CI): Anastrozole

Waiver request of in vivo testing: Not applicable

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 the test product and reference listed drug (RLD).[1] Specifications will be determined upon review of the abbreviated new drug application.

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[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.*