

## Draft Guidance on Loperamide Hydrochloride

This draft guidance, once finalized, will represent the Food and Drug Administration's (FDA's) current thinking on this topic. It does not create or confer any rights for or on any person and does not operate to bind FDA or the public. You can use an alternative approach if the approach satisfies the requirements of the applicable statutes and regulations. If you want to discuss an alternative approach, contact the Office of Generic Drugs.

**Active Ingredient:** Loperamide hydrochloride

**Dosage Form; Route:** Tablet; oral

**Recommended Studies:** Two studies

1. Type of study: Fasting  
Design: Single-dose, two-way crossover in vivo  
Strength: 2 mg at a dose of 8 mg (4x2 mg)  
Subjects: Healthy males and nonpregnant females, general population  
Additional comments: Not applicable (N/A)
  
2. Type of study: Fed  
Design: Single-dose, two-way crossover in vivo  
Strength: 2 mg at a dose of 8 mg (4x2 mg)  
Subjects: Healthy males and nonpregnant females, general population  
Additional comments: N/A

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**Analytes to measure (in appropriate biological fluid):** Loperamide in plasma

**Bioequivalence based on (90% CI):** Loperamide

**Waiver request of in vivo testing:** N/A

**Dissolution test method and sampling times:** The dissolution information for this drug product can be found on the FDA-Recommended Dissolution Methods website available to the public at the following location: <http://www.accessdata.fda.gov/scripts/cder/dissolution/>. Conduct comparative dissolution testing on 12 dosage units each of all strengths of the test and reference products. Specifications will be determined upon review of the abbreviated new drug application (ANDA).