

Contains Nonbinding Recommendations

Draft Guidance on Sulfasalazine

This draft guidance, once finalized, will represent the Food and Drug Administration's (FDA's) current thinking on this topic.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: Sulfasalazine

Form/Route: Tablet/Oral

Recommended studies: 2 studies

1. Type of study: Fasting
Design: Single-dose, two-way crossover *in-vivo*
Strength: 500 mg
Subjects: Healthy males and nonpregnant females, general population
Additional Comments: It is permissible to administer more than one tablet (up to four 500 mg tablets) to obtain adequate plasma concentration of the analytes to be measured.

2. Type of study: Fed
Design: Single-dose, two-way crossover *in-vivo*
Strength: 500 mg
Subjects: Normal healthy males and females, general population.
Additional Comments: Please see comments above.

Analytes to measure: Sulfasalazine, and the metabolites sulfapyridine and 5-Aminosalicylic (-ASA) acid (mesalamine) in plasma

Bioequivalence based on (90% CI): Sulfasalazine and 5-Aminosalicylic Acid

Please submit the metabolite sulfapyridine data as supportive evidence of comparable therapeutic outcome. For the metabolites, the following data should be submitted: individual and mean concentrations, individual and mean pharmacokinetic parameters, and geometric means and ratios of means for AUC and C_{max}.

Waiver request of in-vivo testing: Not Applicable

Dissolution test method and sampling times:

Please note that a **Dissolution Methods Database** is available to the public at the OGD website at <http://www.accessdata.fda.gov/scripts/cder/dissolution/>. Please find the dissolution information for this product at this website. Please 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 application