

Bridge the Gap Between Dissolution Studies and Bioequivalence Testing

The Logan PERMETRO™ system consists of a proprietary, novel artificial intestinal membrane and dynamic dissolution-permeation apparatus. PERMETRO was developed to overcome the limitations and bottlenecks of traditional IVVC permeation testing. PERMETRO enables researchers to REPLACE, REDUCE, REFINE experiments to minimize the need for animal experimentation.

PERMETRO System Applications

- OSD R&D, to assist with formulation screening
- Provide data support before in vivo BE experiments
- Generic vs. original comparison studies
- Quality control of OSD tablets
- IVVC and IVVC model development
- Gastrointestinal absorption of fasted/fed medication
- Gastrointestinal absorption differences of controlled-release formulation in different modes of administration (water/Alcohol etc.)



USP 1&2



USP 3



PERMETRO 4000 USP 4

