

CHAPTER 3

OBJECTIVES

The objectives of the present study were to

1. conduct the bioequivalence testing of a generic 850-mg metformin tablet (manufactured by GPO, Bangkok, Thailand) with the reference formulation (Glucophage®) when given as equal dose in healthy Thai male volunteers.
2. determine the pharmacokinetic parameters of metformin HCl after a single oral 850-mg dose in healthy Thai male volunteers.
3. provide information regarding the quality of metformin HCl manufactured in Thailand and whether this generic metformin HCl could be used as an alternative to the innovator metformin HCl when metformin HCl therapy is required for Thai patients with diabetes.

ลิขสิทธิ์มหาวิทยาลัยเชียงใหม่

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