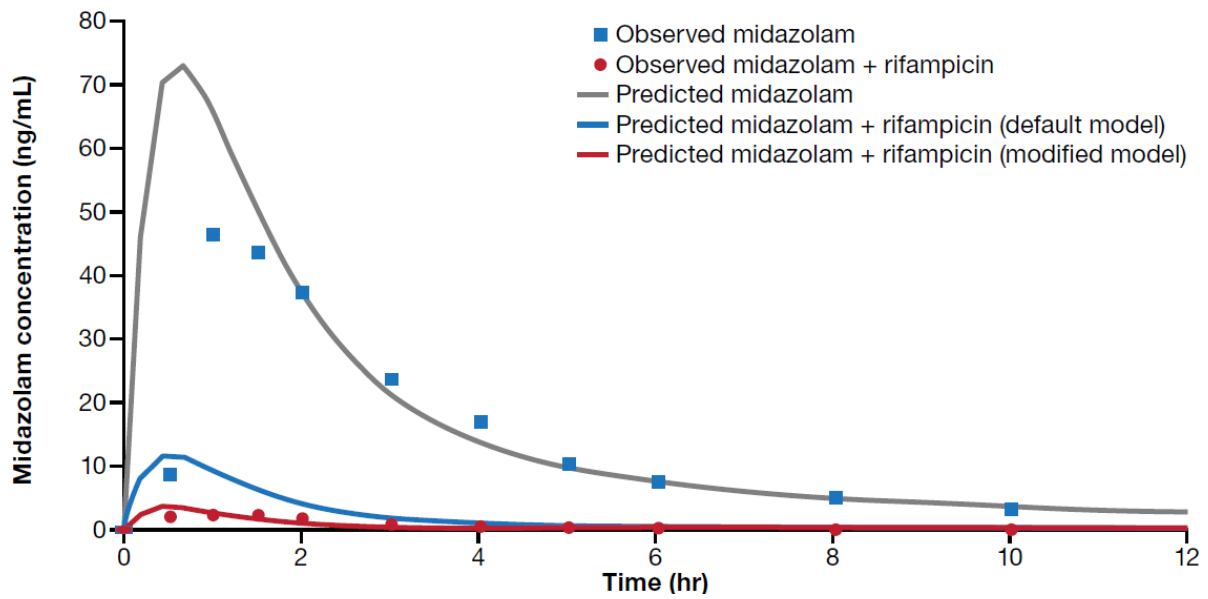


Figure S3. Observed and simulated plasma concentration-time profiles of midazolam with and without rifampicin



Plasma concentrations of midazolam after a 15-mg oral dose following pretreatment with rifampicin 600 mg once daily for 5 days. The observed data were based on the work of Backman et al.⁴ Simulations based on the rifampicin default compound file in Simcyp library (Simcyp version 16) or modified rifampicin model (with parameters changes in Ind_{max} and Ind_{C50} according to the work of Yamashita et al⁵ and Fahmi et al⁶) are shown. Abbreviations: Ind_{50} , half maximum-fold induction concentration; Ind_{max} , maximum-fold induction.