

Prediction of altered bile acid disposition due to inhibition of multiple transporters: An integrated approach using sandwich-cultured hepatocytes, mechanistic modeling and simulation

Cen Guo, Kyunghye Yang, Kenneth R. Brouwer, Robert L. St. Claire III and Kim L.R. Brouwer

Fig. S1. Simulated effect of telmisartan at (A) 1 μM and (B) 10 μM on TCA $C_{t,\text{Cells}}$ after a 120-min uptake. Simulations were based on cellular total concentration ($[I]_{t,\text{cell}}$), cellular unbound concentration ($[I]_{u,\text{cell}}$), and cytosolic unbound concentration ($[I]_{u,\text{cyt}}$) measured in this study (Table 3), and telmisartan inhibition constants (Table 1).

Fig. S1