Supplemental Data

Increased Plasma Exposures of Conjugated Metabolites of Morinidazole in Renal Failure Patients: A Critical Role of Uremic Toxins

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Drug Metabolism and Disposition

Supplemental figure 1. Inhibitions of four uremic toxins mixtures or probenecid (200 μM) on the M7(A) uptake in the OAT1-overexpressed HEK293 cells; M7(B), M8-1(C), and M8-2(D) uptakes in the OAT3-overexpressed HEK293 cells. The concentrations of CMPF, IS, HA, and IAA were 10, 10, 10, and 1 μM for mix 1; 30, 30, 30, and 3 μM for mix 2; 100, 100, 100, and 10 μM for mix 3; and 300, 1000, 3000, and 100 μM for mix 4. The incubation period was 1 min for M7 and 3 min for M8-1 and M8-2. Transporter-mediated M7, M8-1, and M8-2 accumulations were corrected by subtracting the nonspecific accumulation in the mock-transfected HEK293 cells from that in the OAT overexpressed HEK293 cells. The values were expressed as a percentage of the uptake in the absence of uremic toxins. Each uptake value is represented as mean ± SD (n = 3). ***, p < 0.001 compared with control.
Supplemental Figure 1