

Supplementary Information-1

Supplementary Fig 1

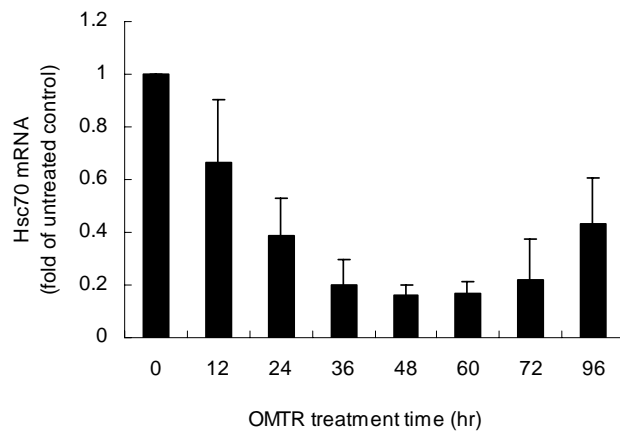
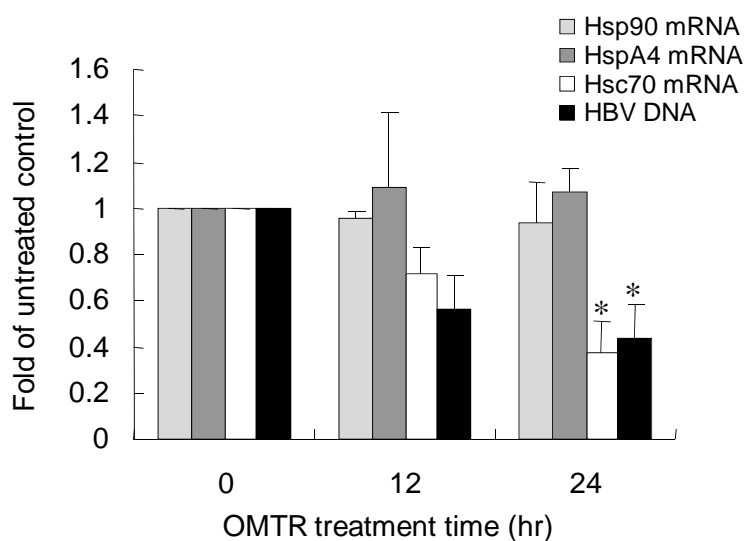


Figure 1. Down-regulation of Hsc70 by OMTR (0.4 mg/ml, 1.51 mM) in the HepG2.2.15 cells was reversible in a single-dose treatment.

Supplementary Fig 2

a



b

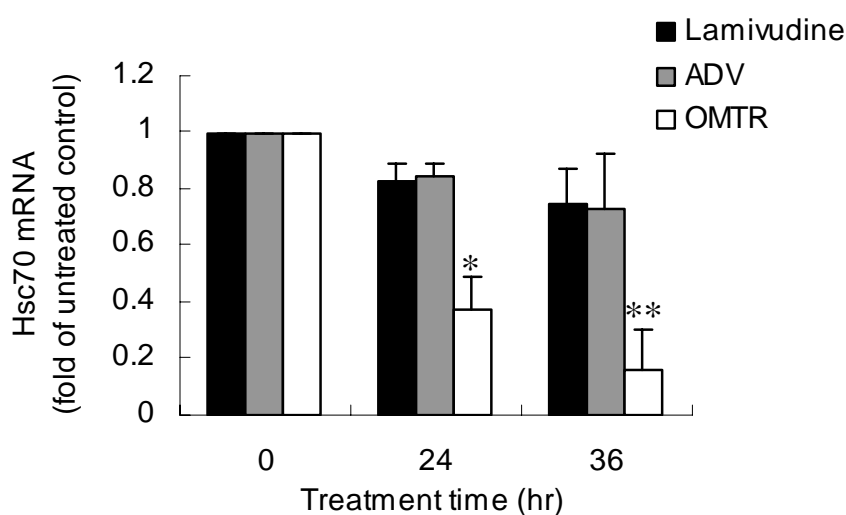


Figure 2. Selectivity of OMTR's action on Hsc70

(a) OMTR (0.4 mg/ml, 1.51mM, 24 hrs) selectively down-regulated Hsc70 mRNA expression and suppressed HBV DNA in the HepG2.2.15 cells; the down-regulatory effect was detected in neither Hsp90 nor HspA4. The experiment was performed 3 times. * $p < 0.01$, vs untreated

(b) Different from OMTR (0.4 mg/ml, 1.51mM), lamivudine (3 μ g/ml, 13 μ M) and ADV (3 μ g/ml, 5.9 μ M) did not change Hsc70 mRNA expression in the HepG2.2.15 cells. For each of the agents in this experiment, their anti-HBV IC_{50} was used. The experiment was performed 3 times. * $p < 0.01$, ** $p < 0.001$, vs untreated.