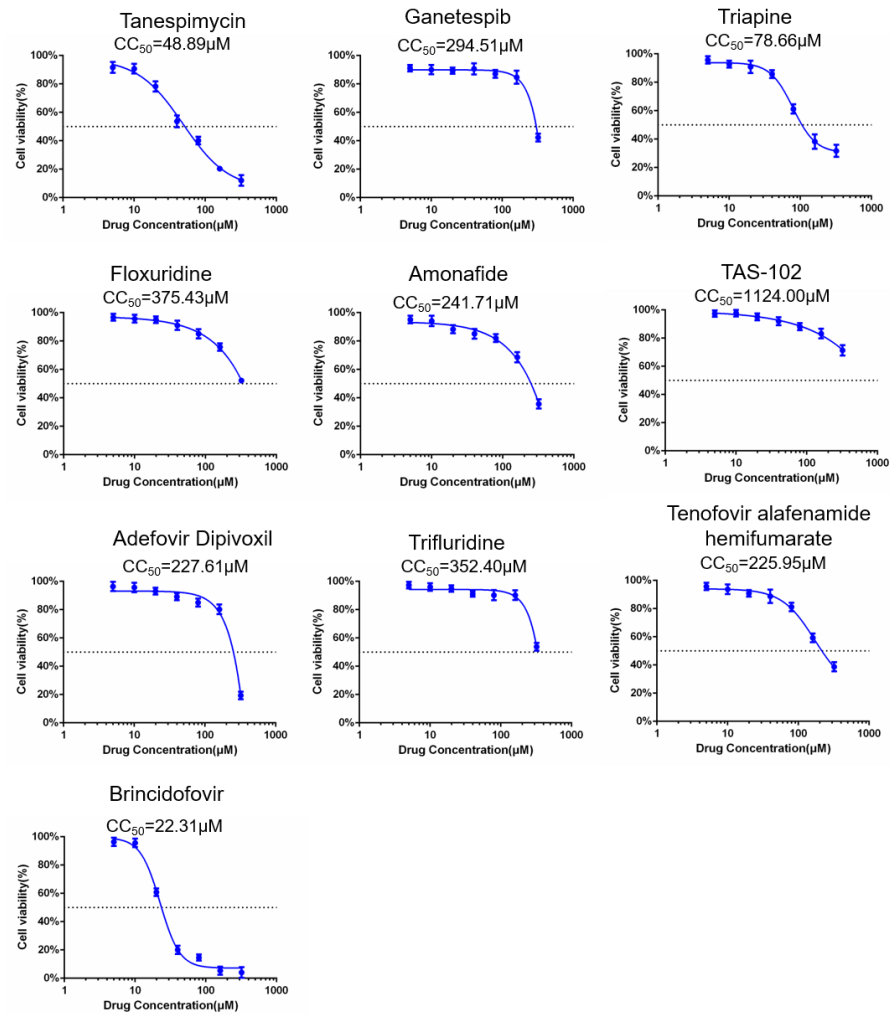
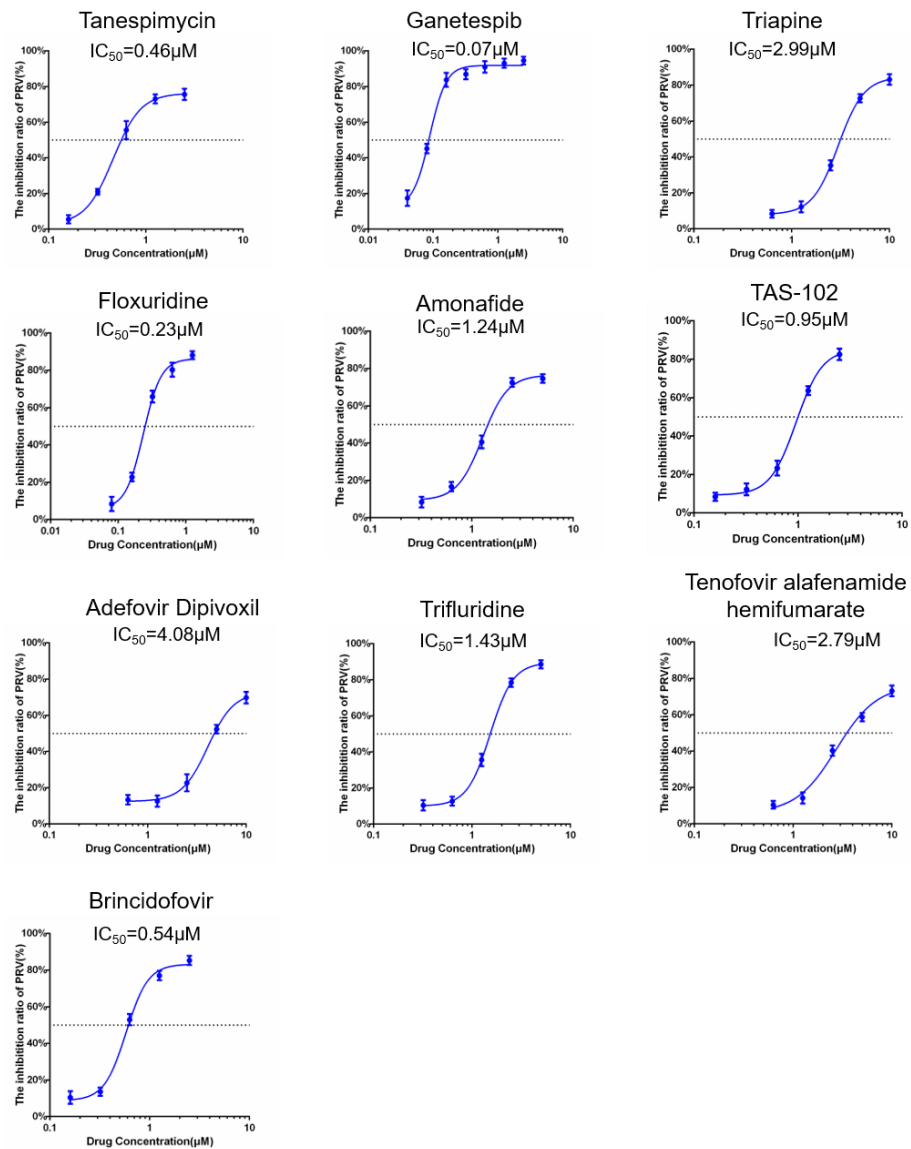


## Supplementary Material



**Figure S1.** The 50% cytotoxic concentration ( $CC_{50}$ ) measurement of 10 drugs. 10 candidate drugs were diluted to 320, 160, 80, 40, 20, and 10  $\mu M$ , respectively, and added to PK-15 cells at 80% confluence in a 96-well plate. 6 replicate wells were set for each dilution as well as the cell control without drug treatment. After 36 h incubation at 37°C and 5%  $CO_2$ , 10  $\mu L$  CCK-8 reagent per well was added and the plate was then incubated for another 1 h. Absorbance values at 450 nm were measured. Viability of cells treated with drugs was calculated according to the formula: Average absorbance value (cells treated with the drug) / Average absorbance value (cell control). Nonlinear regression (curve fitting) analysis was then conducted to obtain the concentration cytotoxicity 50% ( $CC_{50}$ ).



**Figure S2.** Half maximal inhibitory concentration ( $IC_{50}$ ) of the 10 candidate drugs. In a 96-well plate, PK-15 cells monolayers at 80% confluence were treated with drugs at different concentrations and infected with hSD-1/2019 at 0.01 MOI. After 36 h incubation at 37°C and 5%  $CO_2$ , 10  $\mu L$  CCK-8 reagent per well was added. Absorbance values at 450 nm were measured after another 1 h incubation. The inhibition ratio of drug against PRV was calculated according to the formula: (Average absorbance value (cells infected with PRV) – Average absorbance value (cells treated with drugs and infected with PRV)) / Average absorbance value (cell infected with PRV).  $IC_{50}$  was illustrated by non-linear regression analysis using GraphPad Prism.