Supplement 1

The binding model of zanamivir (b) and oseltamivir carboxylate (c) to the NA active center were redrawn by modification of the model originally suggested by Laver WG, Brishofberger N, and Webster RG. Diasarming flu viruses. Sci Am. 1999 ; 280 ; 78-87. The binding model of laninamivir (a) was drawn based on that of zanamivir.

Supplement 1. Structures of laninamivir, zanamivir and oseltamivir carboxylate, and binding models of the NA inhibitors to NA active center