Ligand Binding Mechanism and Its Relationship with Conformational Changes in Adenine Riboswitch

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Figure S1 The decomposition of inhibitors on a per-nucleotide basis.
Figure S2  The same as in Fig. 3 except for the RNA is the AR.

Figure S3  The same as in Fig. 4 except for the RNA is the AR.
Figure S4  (A) The RMSDs of apo and comp calculated on P, O3', O5', C3', C4', and C5' atoms of the nucleotides of AR relative to their starting structures. (B) RMSFs for the P, O3', O5', C3', C4', and C5' atoms of the nucleotides. The experimental RMSFs from the B-factor are also given.
Figure S5  The key distances describe in Fig. 6 versus the MD simulation time for conformational state change at the starting of the MD simulation stage.