Mapping the binding site
of an aptamer to the Adenine of ATP
with MicroScale Thermophoresis

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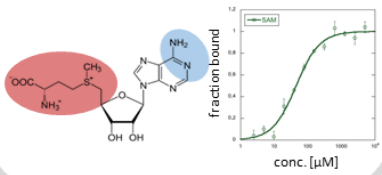
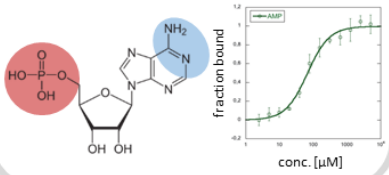
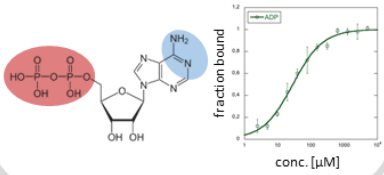
SAM
EC_{50} = 45.1 ± 7.9 µM



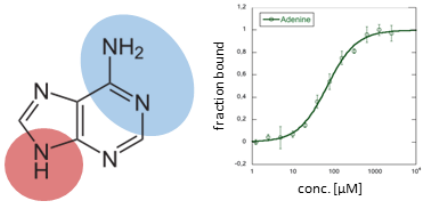
AMP
EC_{50} = 67.9 ± 8.3 µM



ADP
EC_{50} = 28.9 ± 5.2 µM

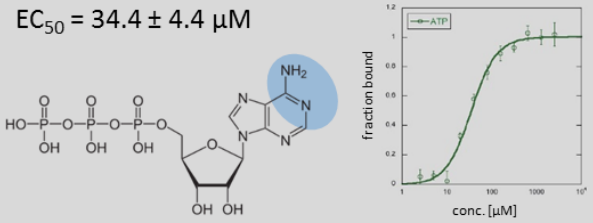


Adenine
EC_{50} = 68.4 ± 5.8 µM

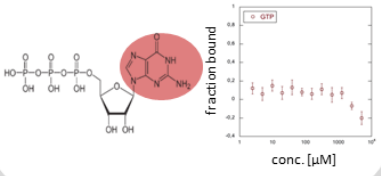


ATP
Aptamer binding site
difference to ATP

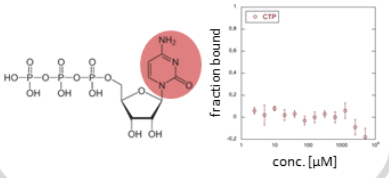
EC_{50} = 34.4 ± 4.4 µM



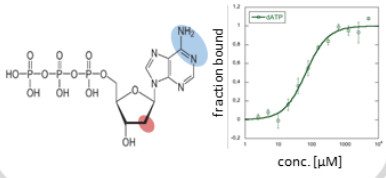
GTP
Aptamer does not bind



CTP
Aptamer does not bind



dATP
EC_{50} = 66.7 ± 10.1 µM



Entzian et al. AIMS press, 2015

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