

Hydrolysis of DNA-model substrates catalyzed by metal-substituted Wells-Dawson polyoxometalates

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Supporting Information

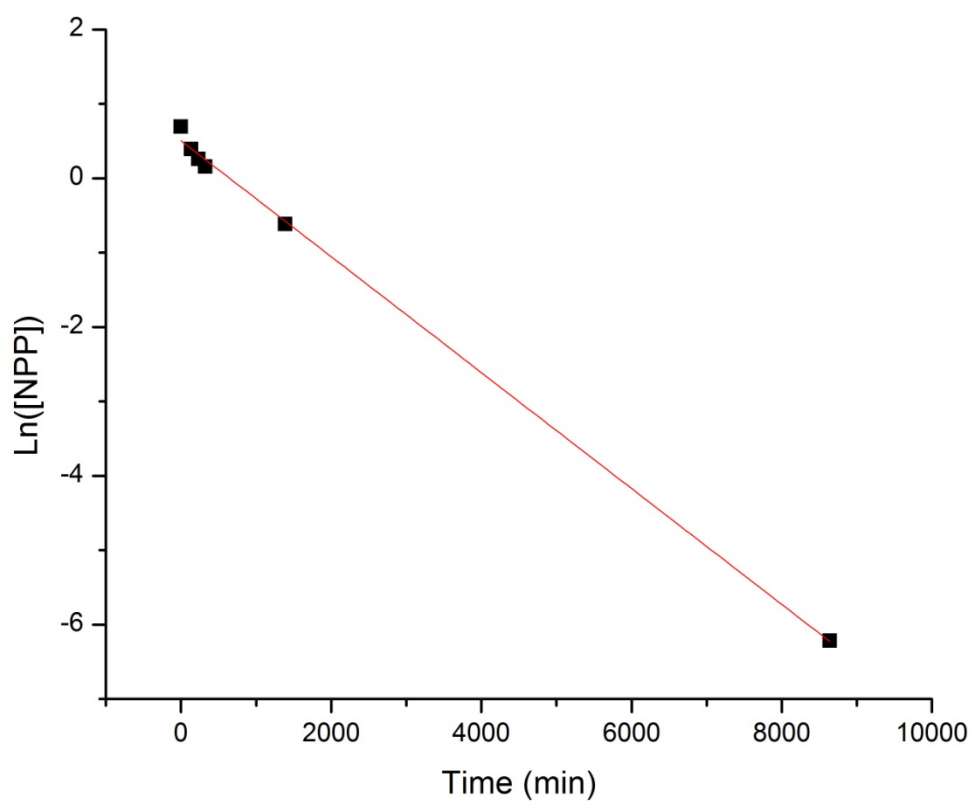


Figure S1: Natural logarithm of the concentration of NPP as a function of time of the reaction of 2.0 mM of NPP in the presence of 2.0 mM of **1** at pD 7.2. The slope of the least square fit gives the hydrolysis rate constant.

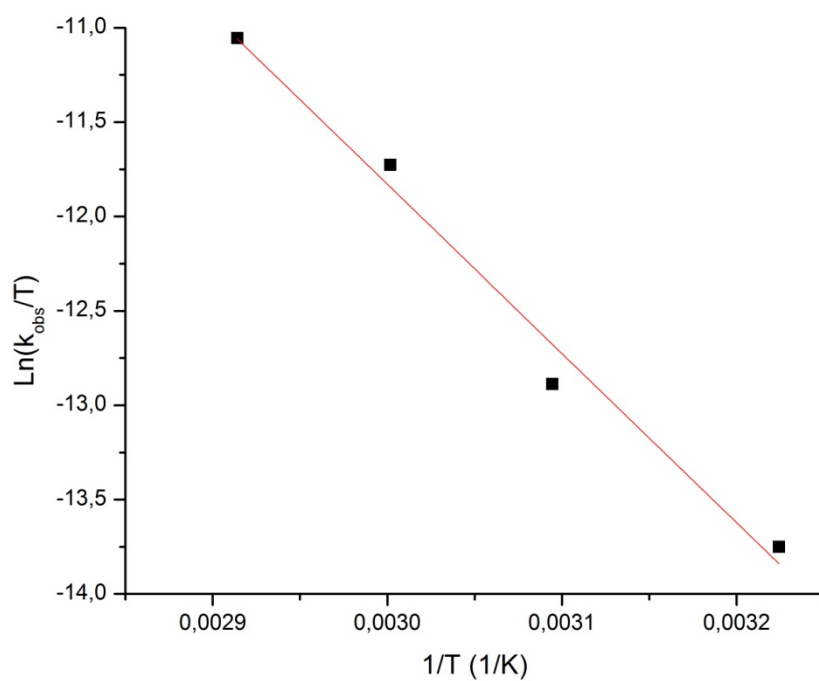


Figure S2: Eyring plot of the reaction of 2.0 mM of NPP in the presence of 2.0 mM of **1** at pD 7.2 at different reaction temperatures.

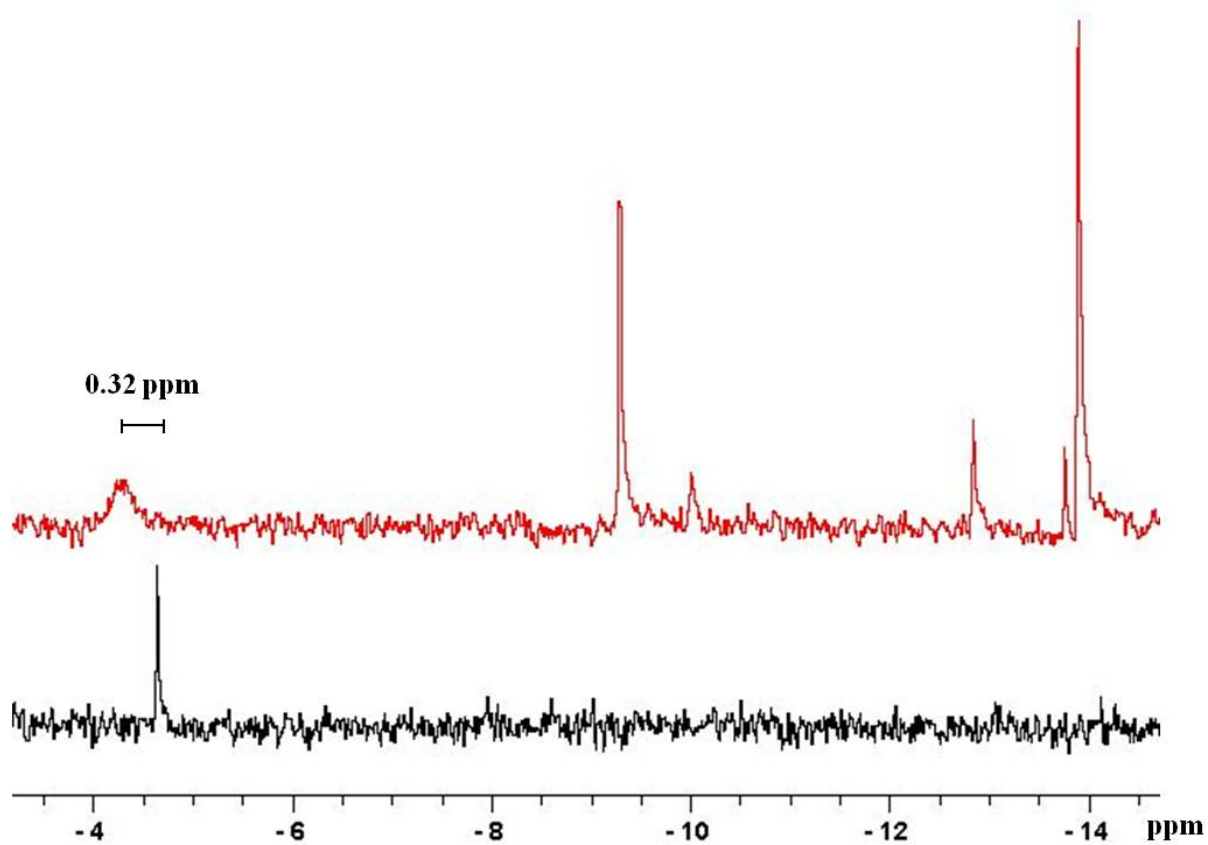


Figure S3: ^{31}P NMR spectra of 2.0 mM of NPP in the absence (black) and presence (red) of 2.0 mM of **1** at pD 3.8.

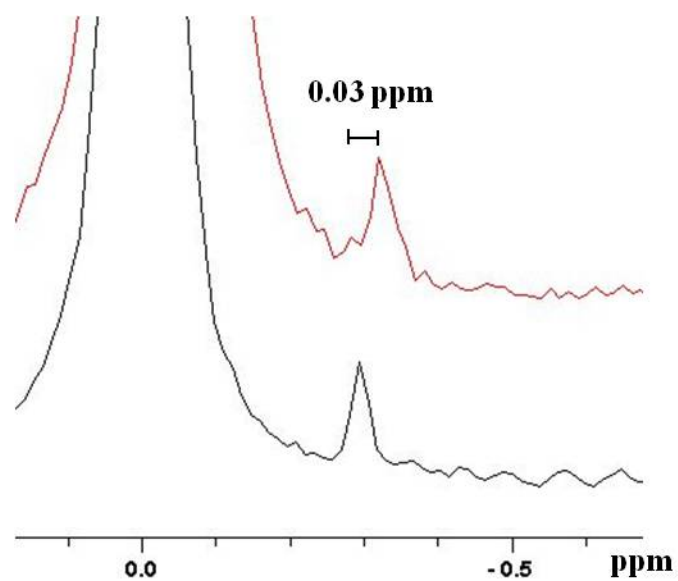


Figure S4: ^{31}P NMR spectra of 2.0 mM of NPP in the absence (black) and presence (red) of 2.0 mM of **1** at pD 7.3.