Supporting Information

for

Thermodynamic and kinetic stabilization of divanadate in the monovanadate/divanadate equilibrium using a Zn-cyclene derivative: Towards a simple ATP synthase model

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$^{51}$V NMR spectra and data fitting results
Figure ESI.1: $^{51}$V NMR spectra of EPPS buffered solution (pH ~8.5) [100 mM EPPS; 1.5 mM $\text{Na}_3\text{VO}_4$; 25 °C].
Figure S2: $^{51}$V NMR spectra of HEPES buffered solution (pH ~7.6) [100 mM HEPES; 1.5 mM [Na$_3$VO$_4$]; 25 °C].
Fits to experimental $^{51}$V NMR data

Figure S3: Fit to the $^{51}$V NMR data of the titration in CHES buffered solution.

Figure S4: Fit to the $^{51}$V NMR data of the titration in EPPS buffered solution.
Figure S5: Fit to the $^{51}$V NMR data of the titration in HEPES buffered solution.