Inorganic Chemistry
including bioinorganic chemistry
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Supporting Information

Legends for Figures

Figure S1 Plot of lnk_{obs} versus pressure for the reaction

$(NH_3)_4(isn)Ru^{III}$-Cyt $c^{II} \rightarrow (NH_3)_4(isn)Ru^{II}$-Cyt c^{III}

Experimental conditions: [Ru-Cyt *c*] = 12 μM; [Tris] = 10 mM; $[NaN_3]$ = 10 mM; $[NaClO_4]$ = 80 mM; pH = 7.0

Figure S2 Plots of lnK versus pressure for the equilibrium

$(NH_3)_4(4\text{-Etpy})Ru^{III}$-Cyt $c^{II} \rightleftharpoons (NH_3)_4(4\text{-Etpy})Ru^{II}$-Cyt c^{III}

Data were recorded during a decrease in pressure

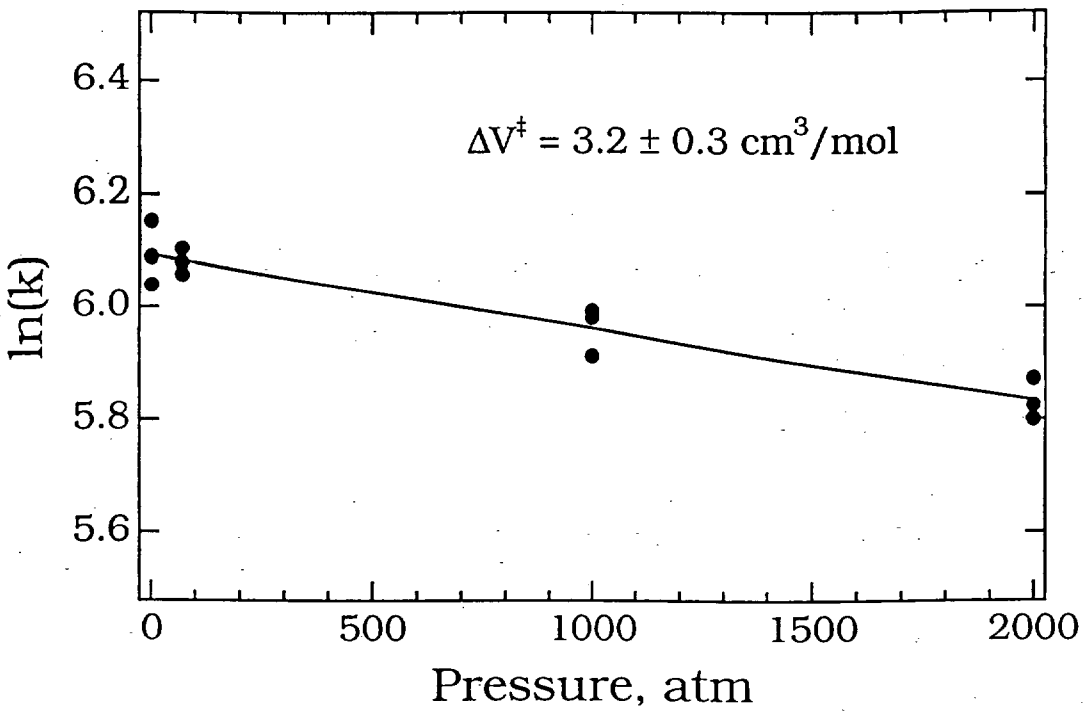
Experimental conditions: [Ru-Cyt *c*] = 29 μM; [Tris] = 10 mM; $[NaN_3]$ = 10 mM; $[NaClO_4]$ = 80 mM; pH = 7.0

Figure S3 Plot of lnK versus pressure for the equilibrium

$(NH_3)_4(3,5\text{-lut})Ru^{III}$-Cyt $c^{II} \rightleftharpoons (NH_3)_4(3,5\text{-lut})Ru^{II}$-Cyt c^{III}

Experimental conditions: [Ru-Cyt *c*] = 35 μM; [Tris] = 10 mM; $[NaN_3]$ = 10 mM; $[NaClO_4]$ = 80 mM; pH = 7.0

Fig. S1



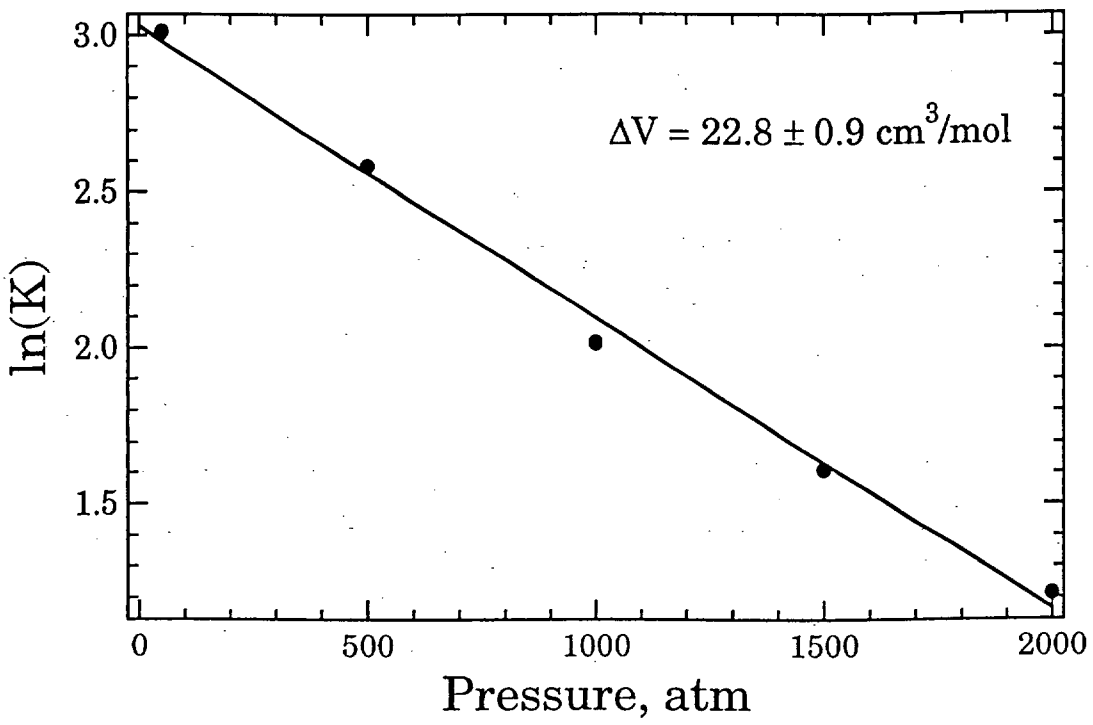

3.0
2.5
2.0
1.5
ln(K)
ΔV = 22.8 ± 0.9 cm3/mol
0
500
1000
1500
2000
Pressure, atm

Fig. 33