Electronic Supplementary Information for Dalton Transactions

Structure and dioxygen-reactivity of the copper(I) complexes supported by bis(6-methylpyridin-2-yl-methyl)amine tridentate ligands

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Fig. S1

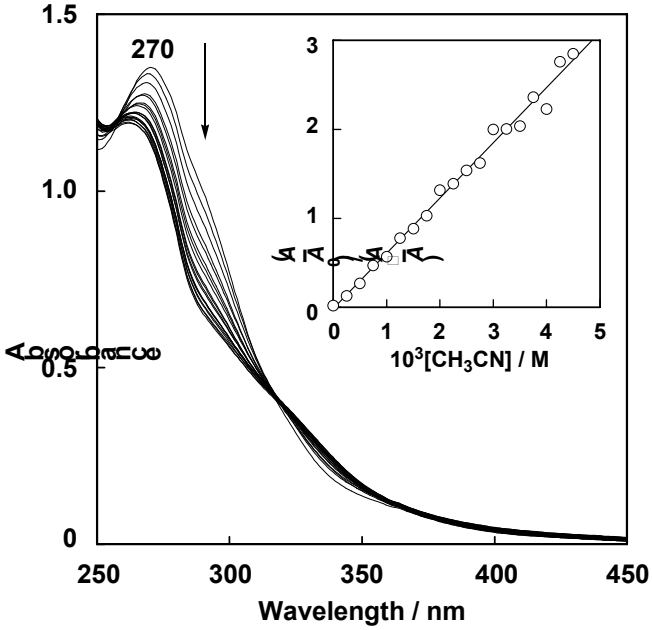

Fig. S1 Spectral change in the titration of **2**$^{\mathbf{Phe}}$ (1.0 x 10^{-4} M) with CH_3CN at –20 ˚C in CH_2Cl_2. at –20 ˚C. Inset: plot of $(A - A_0)/(A_\infty - A)$ *vs*. [CH_3CN] based on the absorption change at 270 nm.

Fig. S2

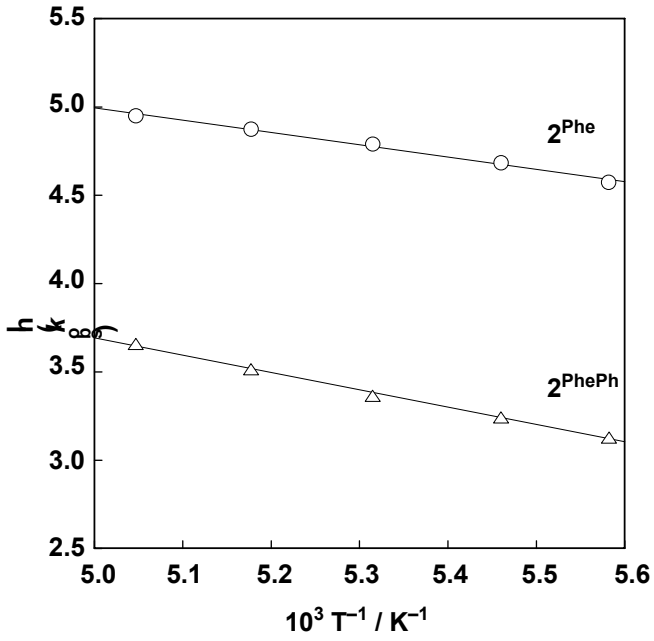

Fig. S2 Arrhenius plots for the oxygenation reaction of **2**$^{\mathbf{Phe}}$ (○) and **2**$^{\mathbf{PhePh}}$ (□).