

Aerobic Catechol Oxidation Catalyzed by a Bis(π -oxo)dimanganese(III,III) Complex via a Manganese(II)–semiquinonate Complex

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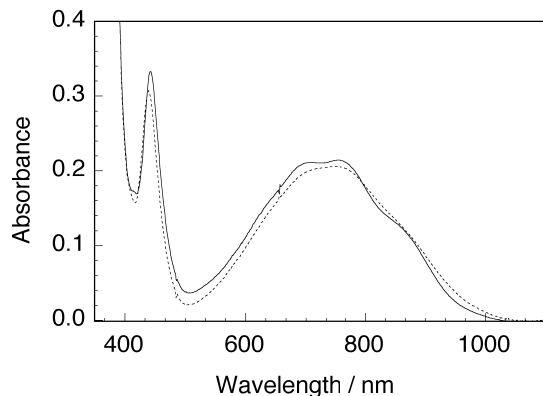


Figure S1. Electronic absorption spectra of **1** in propionitrile (0.5 mM) at 213 K (solid line) and 298 K (dotted line).

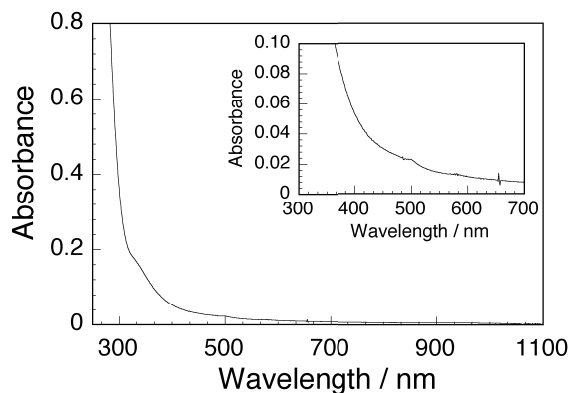


Figure S2. Electronic absorption spectrum of **2** in acetonitrile at 298 K.

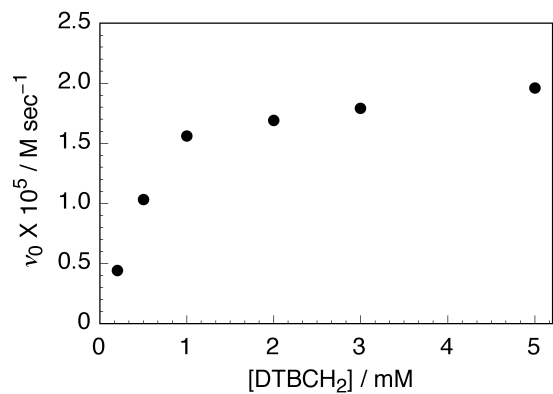


Figure S3. Michaelis-Menten plot of DTBCH₂ oxidation in acetonitrile under 1 atm of O₂ at 298 K. [2] = 0.1 mM.

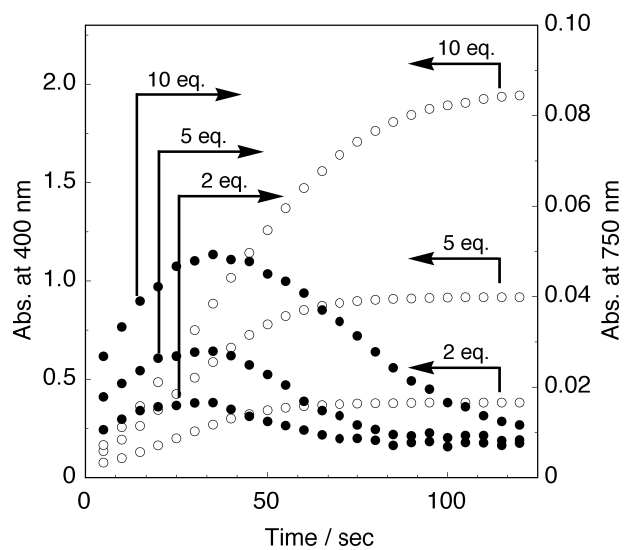


Figure S4. Time course of the absorbance changes at 400 and 750 nm in varied concentrations of DTBCH₂. Conditions: [2] = 0.1 mM, [DTBCH₂] = 0.2, 0.5, and 1.0 mM.