

Supplementary Information
Dalton Transactions
DT-ART-04-2010-000282

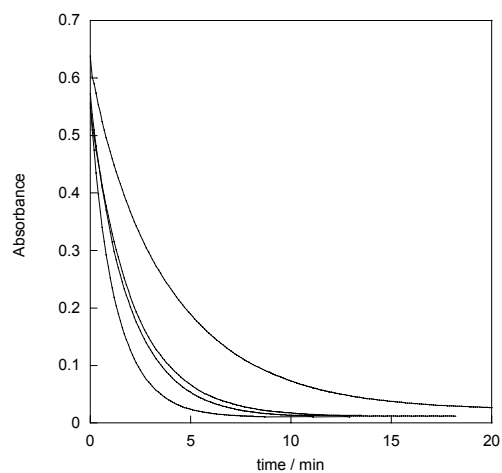


Fig. 1S Absorbance-time curves for the reaction of $[\text{Pt}(p\text{-MeC}_6\text{H}_4)_2(\text{phen})]$, **1a**, with MeI in $[\text{bmim}][\text{bta}]$ at 25 °C.

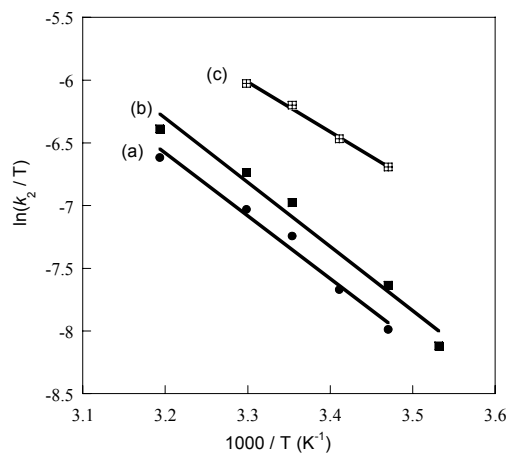


Fig. 2S Eyring plots for the reaction of MeI with (a) $[\text{Pt}(p\text{-MeC}_6\text{H}_4)_2(\text{phen})]$, **1a**, in $[\text{bmim}][\text{bta}]$, (b) $[\text{Pt}(p\text{-MeC}_6\text{H}_4)_2(t\text{-Bu}_2\text{bpy})]$, **1b**, in $[\text{bmim}][\text{bta}]$ and (c) $[\text{Pt}(p\text{-MeC}_6\text{H}_4)_2(\text{phen})]$, **1a**, in $[\text{bmim}][\text{BF}_4]$.