

Supporting Information

Different transition metal (Fe^{2+} , Co^{2+} , Ni^{2+} , Cu^{2+} or VO^{2+}) Schiff complexes immobilized onto three-dimensional mesoporous silica KIT-6 for the epoxidation of styrene

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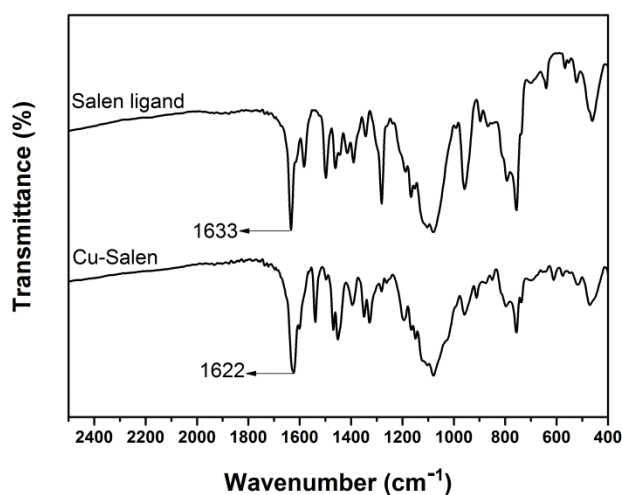


Fig. S1 FT-IR spectra of Salen ligand and Cu-Salen.

IR (KBr pellets, cm^{-1}): 1633 $\nu(\text{C}=\text{N})$, 1281 $\nu(\text{C}=\text{O})$, 1583-1342 $\nu(\text{C}=\text{C})$, 1080 $\nu(\text{Si}-\text{O})$ for Salen ligand

IR (KBr pellets, cm^{-1}): 1622 $\nu(\text{C}=\text{N})$, 1193 $\nu(\text{C}=\text{O})$, 1537-1280 $\nu(\text{C}=\text{C})$ for Cu-Salen