Electronic Supplementary Information for Dalton Transactions

Supplementary Material

Figure S1: Simulated (black) and experimental (red) X-ray powder diffraction patterns of [Cu (H_2btec)(bipy)]$_\infty$, at room temperature

Figure S2: TGA and calculated DTA curves of [Cu(H_2btec)(bipy)]$_\infty$

Figure S3: The field dependence of magnetization at two different temperatures

Figure S4:Catalytic activity of [Cu(H_2btec)(bipy)]$_\infty$ for the cyclohexene oxidation. (a) Substrate conversion (%) (b) Chemoselectivity for cyclohexene epoxide (%) (white bars = 30 ºC; gray bars =50 ºC; black bars = 75 ºC)

Figure S5: Catalytic activity of [Cu(H_2btec)(bipy)]$_\infty$ for the styrene oxidation.(a) Substrate conversion (%) (b) Chemoselectivity for styrene epoxide (%) (white bars = 30 ºC; gray bars = 50 ºC; black bars = 75 ºC).

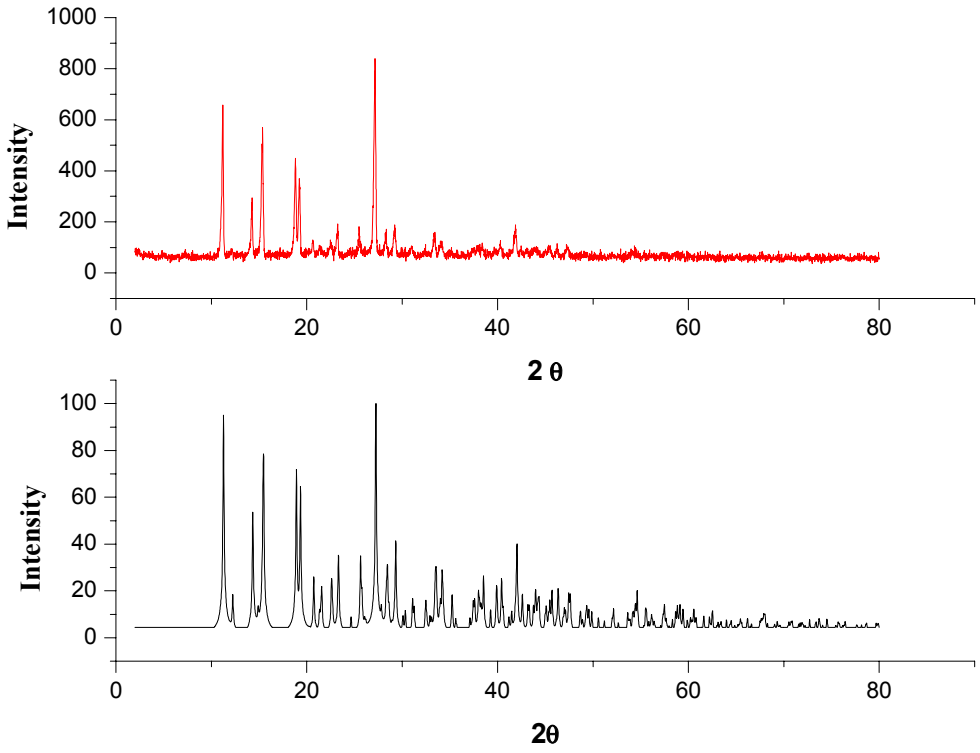

Figure S1

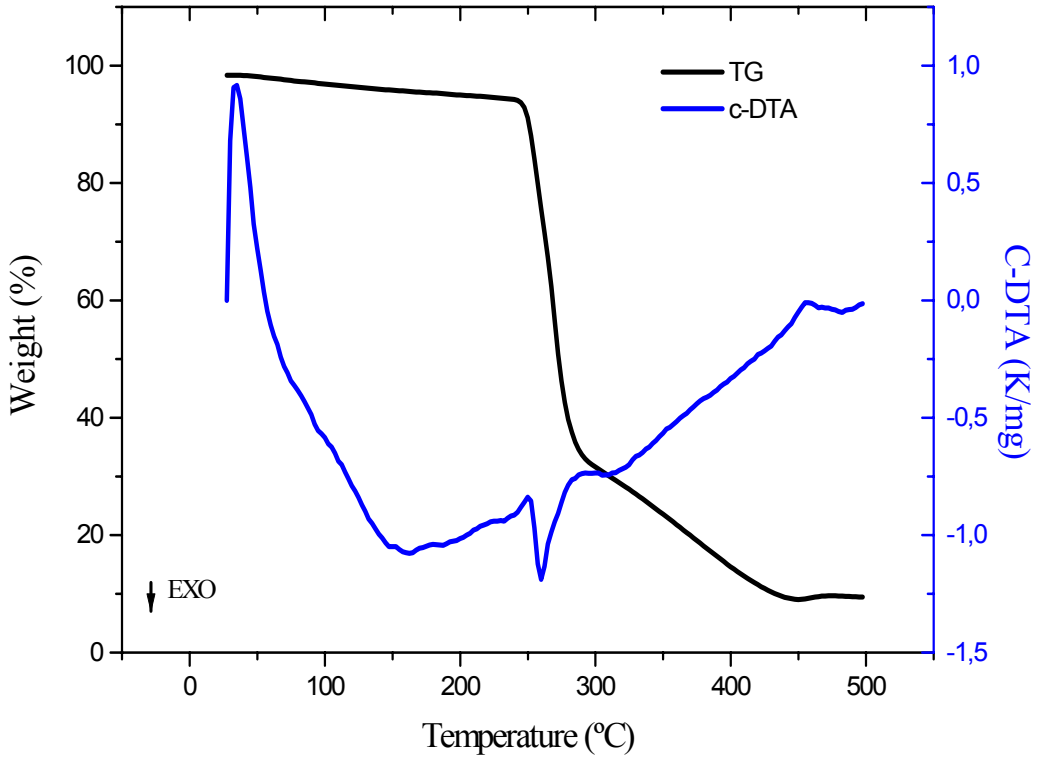

Figure S2

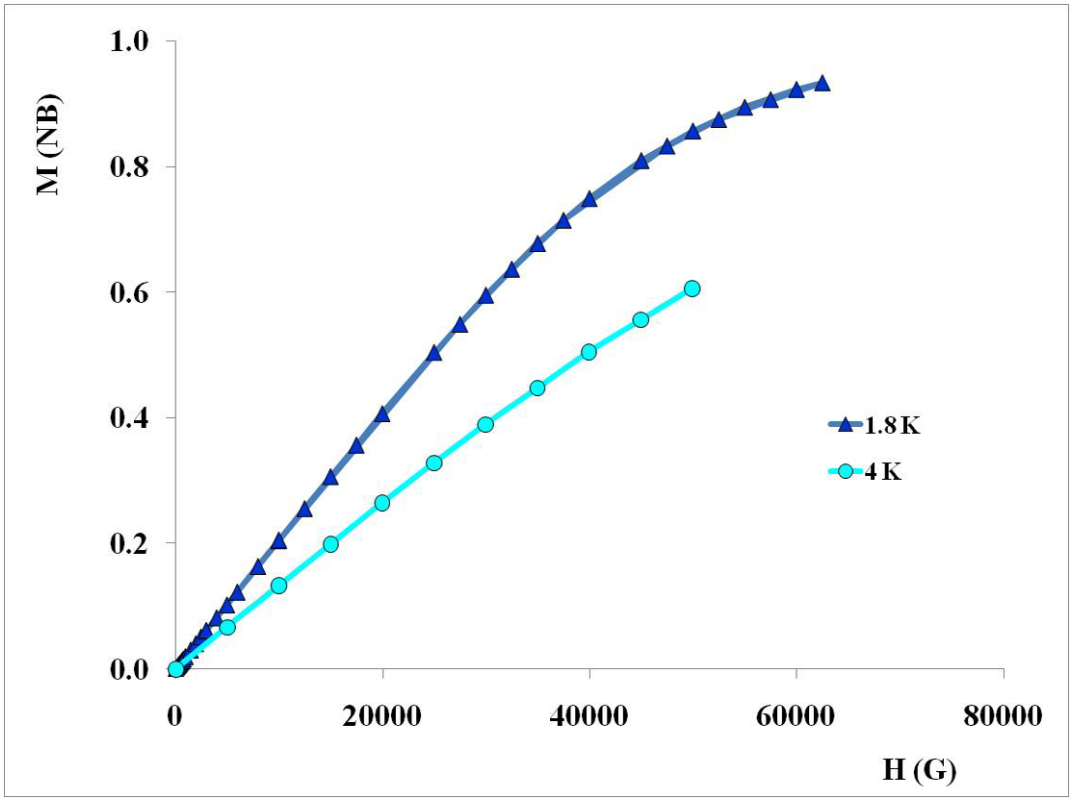

Figure S3

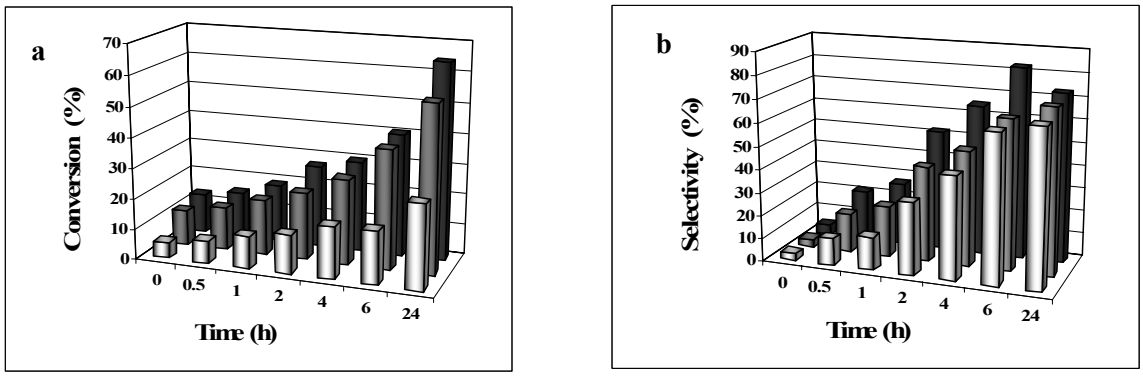

Figure S4

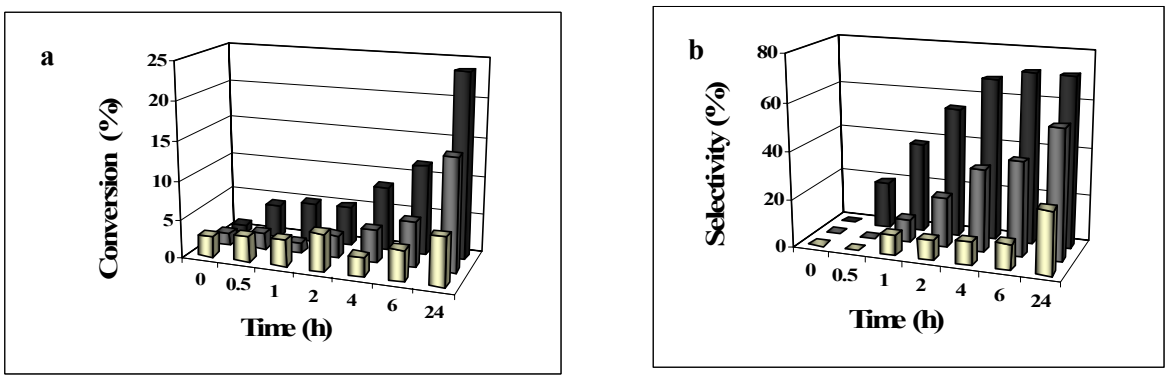

Figure S5