

Supporting Information

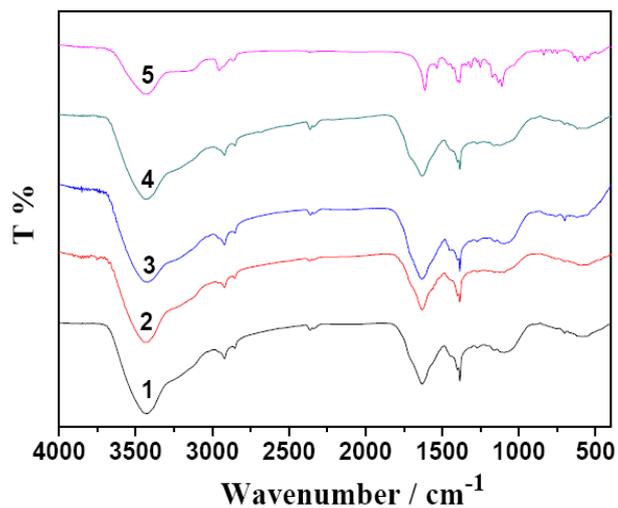


Fig. S1 FT-IR spectra of (1) **5a**; (2) **5b**; (3) **5c**; (4) **5d**; (5) the neat chiral salen Mn(III)Cl

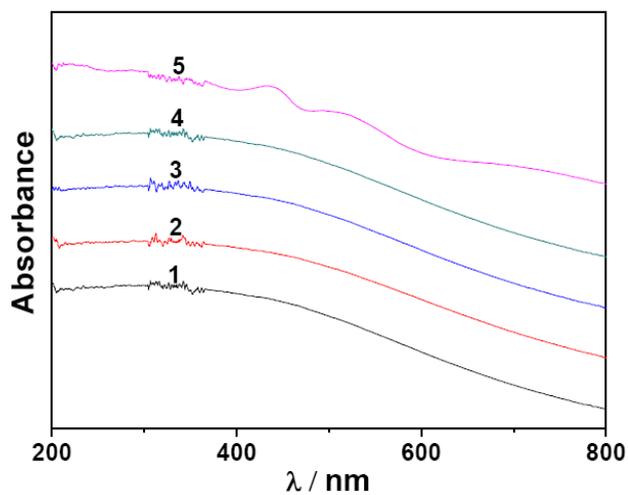
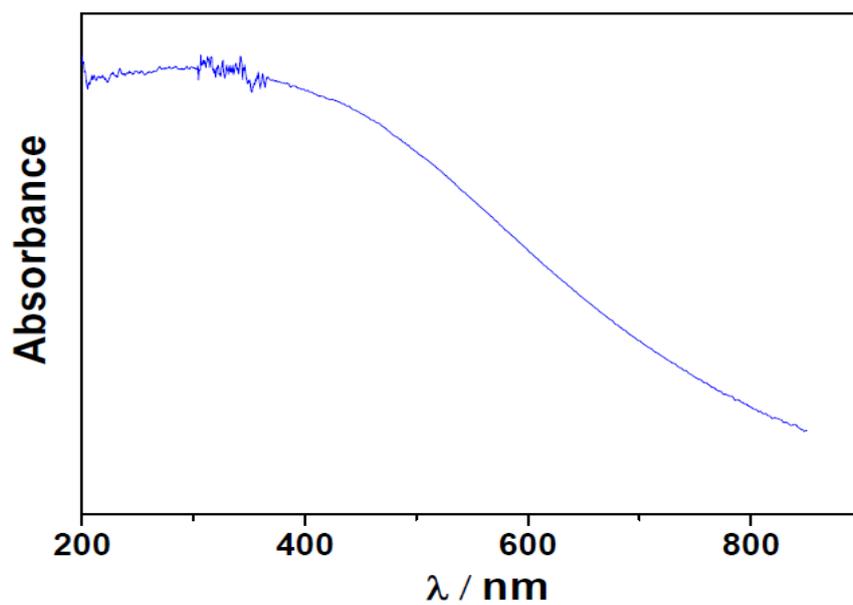


Fig. S2 UV-vis spectra of (1) **5a**; (2) **5b**; (3) **5c**; (4) **5d**; (5) chiral salen Mn (III)Cl.



UV-vis spectra of **5d**

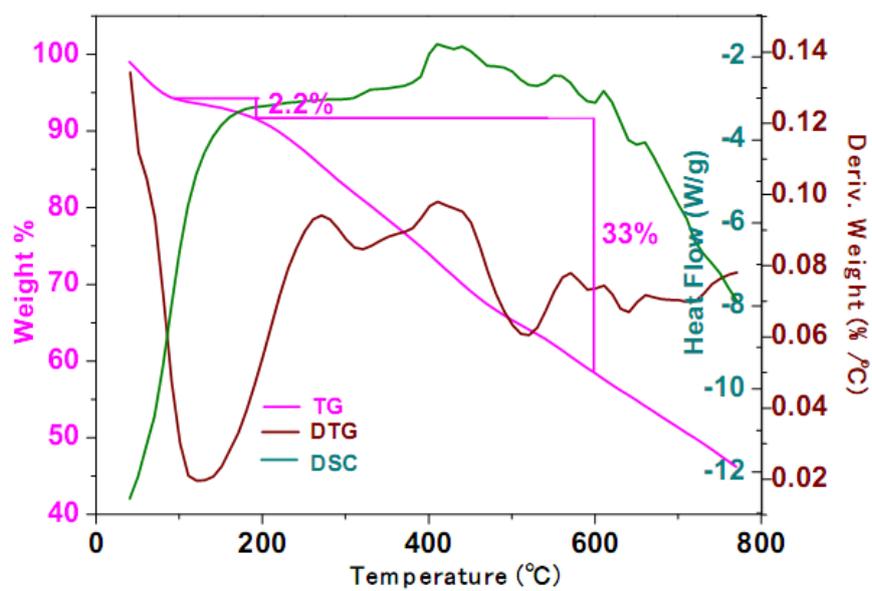


Fig. S3 TG curves of the catalyst **5d** (B).

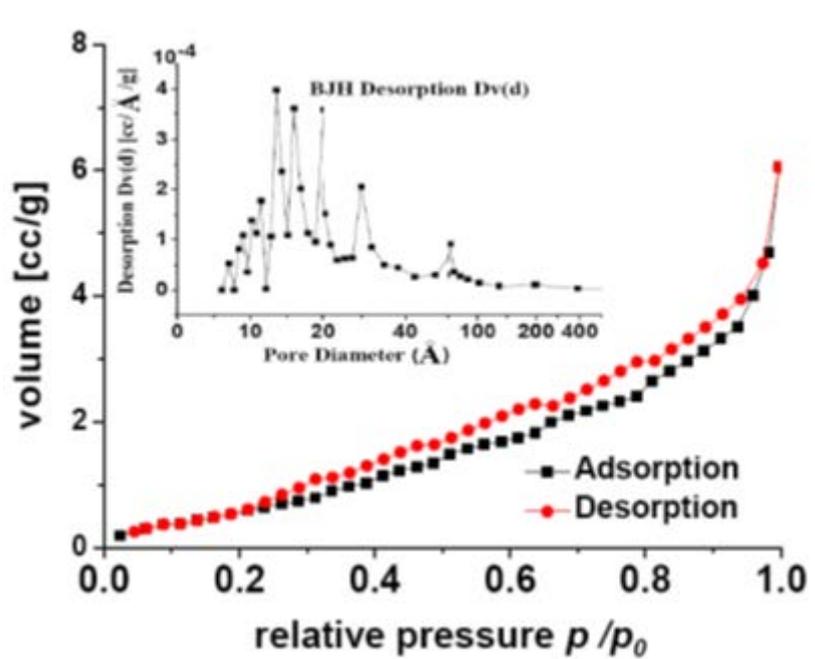


Fig. S4 The nitrogen adsorption-desorption isotherm and pore distribution of the supported catalyst **6d**.

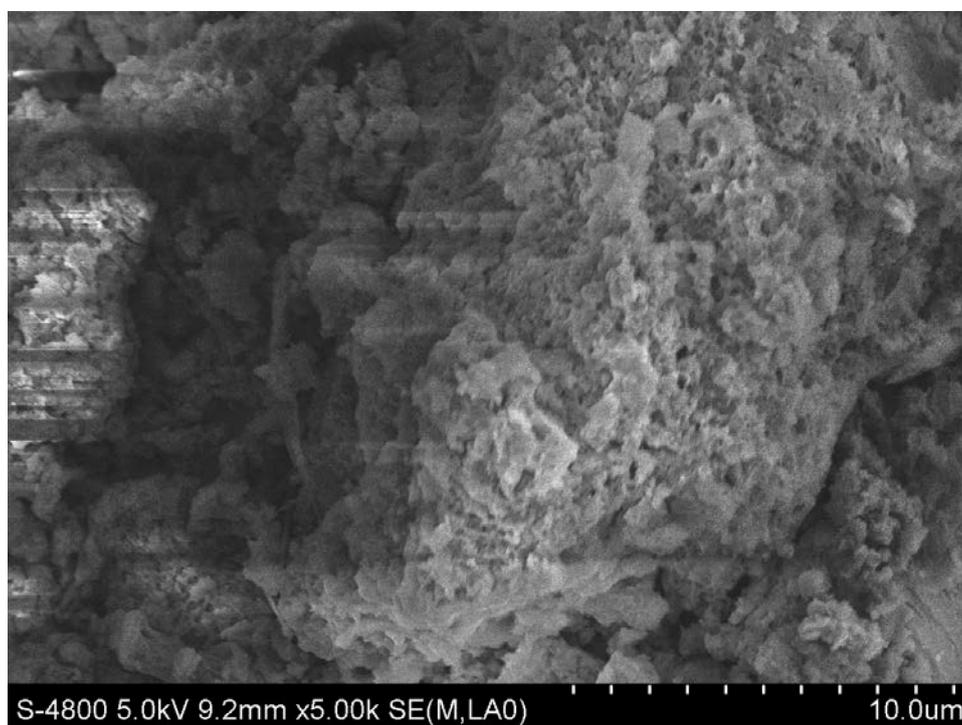


Fig. S5 SEM images of **5d**.

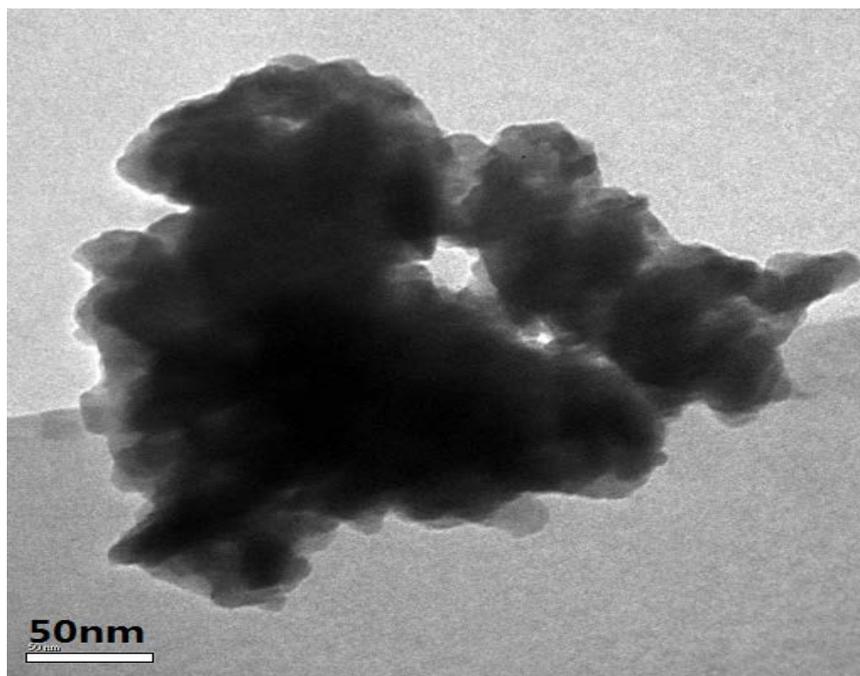
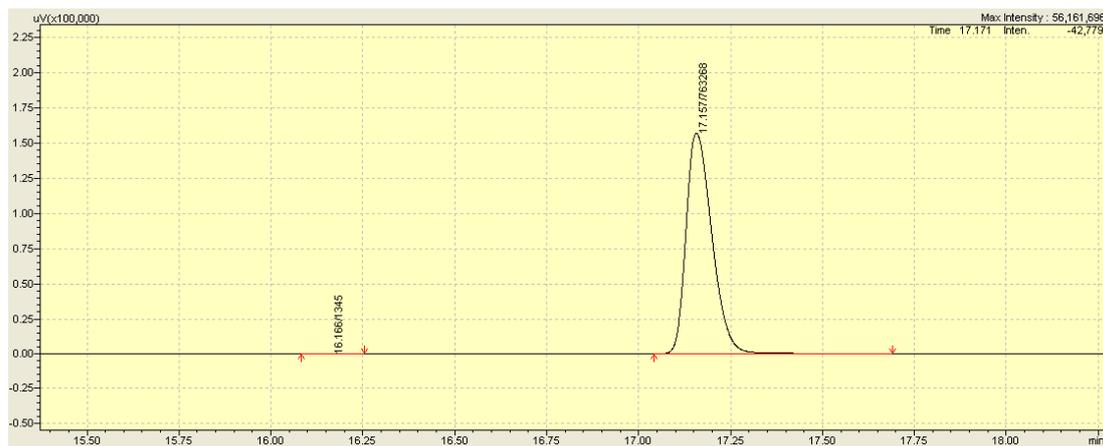


Fig. S6 Caption TEM photograph of the heterogeneous catalyst **5d**.



Entry 5 in Table 2



Entry 15 in Table 2