

Supporting Information

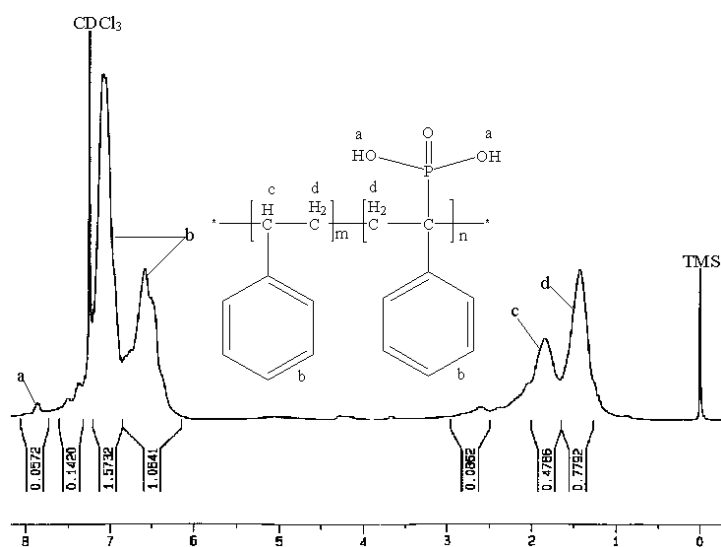


Fig. S1 ^1H NMR of copolymer

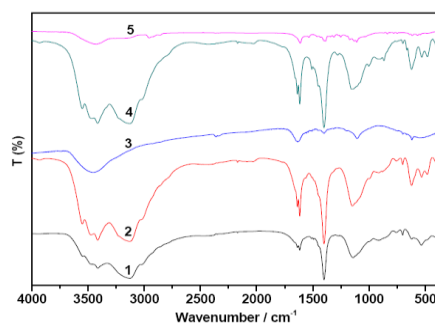
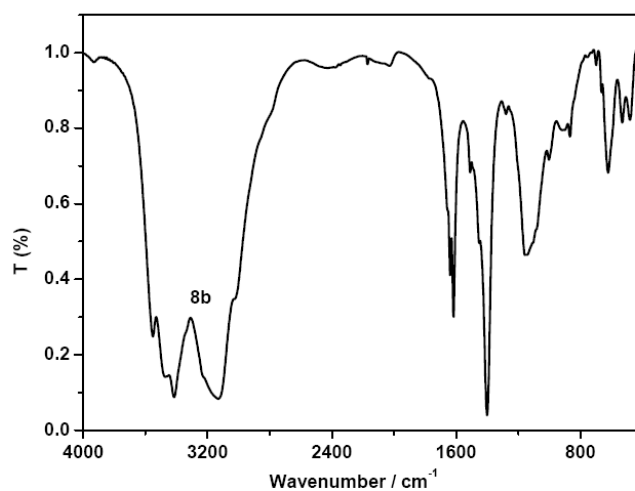


Fig.S2 FT-IR spectra of (1) 7a; (2) 7b; (3) 8a; (4) 8b; (5) the neat chiral salen Mn(III)Cl



FT-IR spectra of 8b

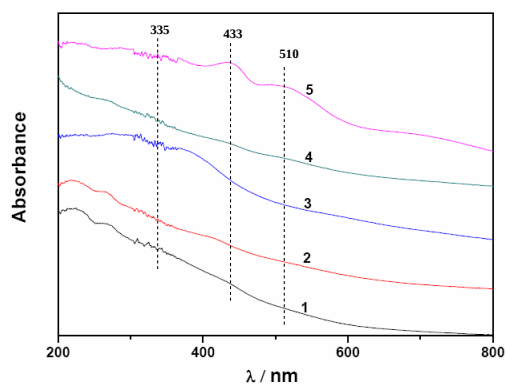


Fig. S3 UV-vis spectra of (1) 7 a; (2) 7 b; (3) 8 a; (4) 8 b; (5) chiral salen Mn(III)Cl.

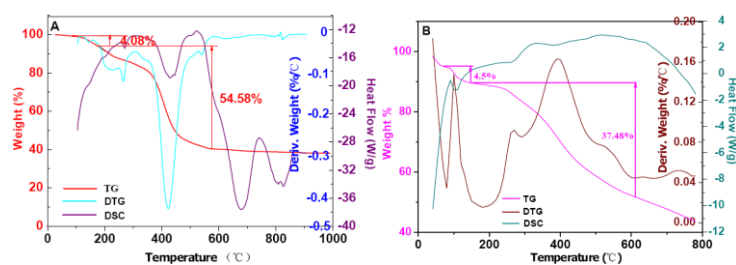


Fig. S4 TG curves of ZnPS-PVPA(A) and 7 b (B)

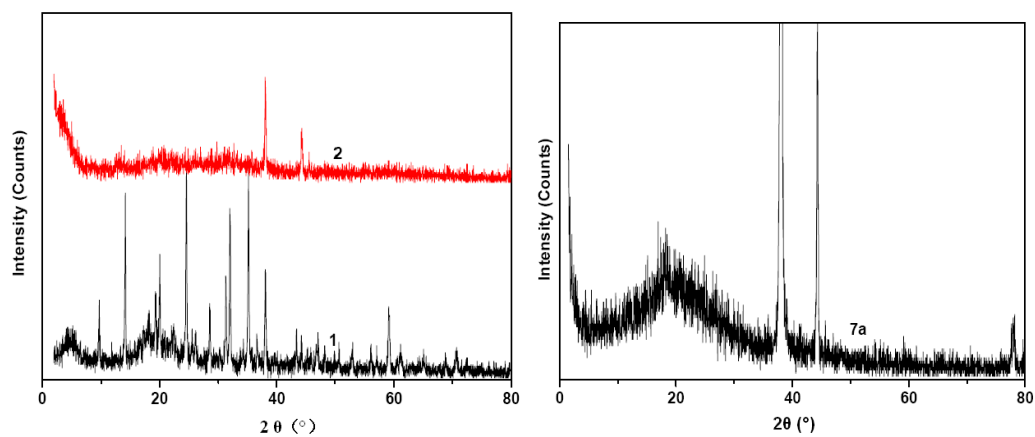


Fig. S5 XRD of 1, 2 and 7a

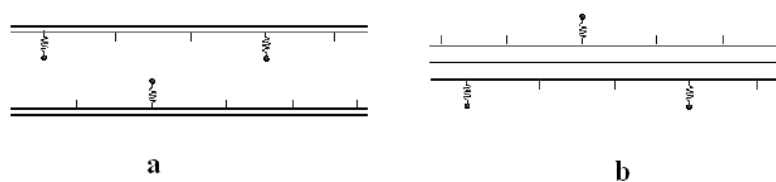


Fig. S6 The modes of the organic group anchored (a) Inner type; (b) Outer type.

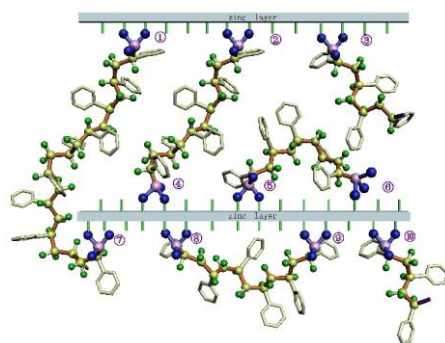


Fig. S7 The hypothesized layered structure of ZnPS-PVPA.

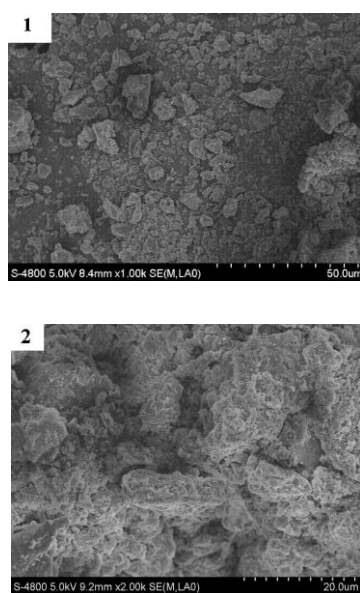


Fig. S8 SEM images of (1) ZnPS-PVPA and (2) 7 b.

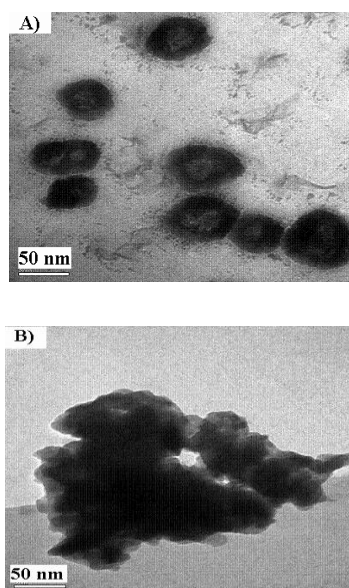


Fig. S9 TEM photograph of (A) ZnPS-PVPA and (B) the heterogeneous catalyst 7 b.

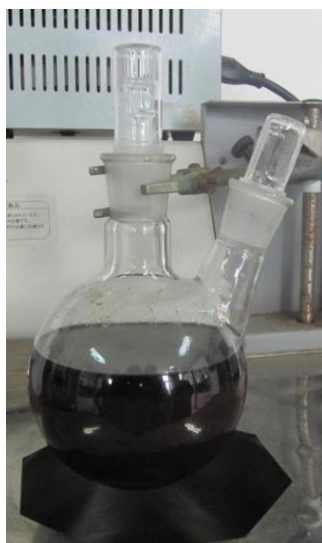


Fig. S10 Large-scale asymmetric epoxidation reaction of α -methylstyrene (100 times as much as the experimental scale)