

SUPPORTING INFORMATION

Chromium Complexes Containing Tetradentate [OSSO]-type Bisphenolate Ligand as a Novel Family of Catalyst for the Copolymerization of Carbon Dioxide and 4-Vinylcyclohexene Oxide

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Fig. S1 The ¹H NMR spectrum of PVCHC obtained from complex 3 (entry 3 in Table 1)

Fig. S2 IR spectra of PPNCI and the mixture of complex 2 with 1 equiv. of PPNCI

Fig. S3 DSC curve of PVCHC

Fig. S4 Typical GPC curve of PVCHC

Fig.S5 Plots of Mn and PDI as a function of VCHO conversion using complex 1/PPNCI as catalyst

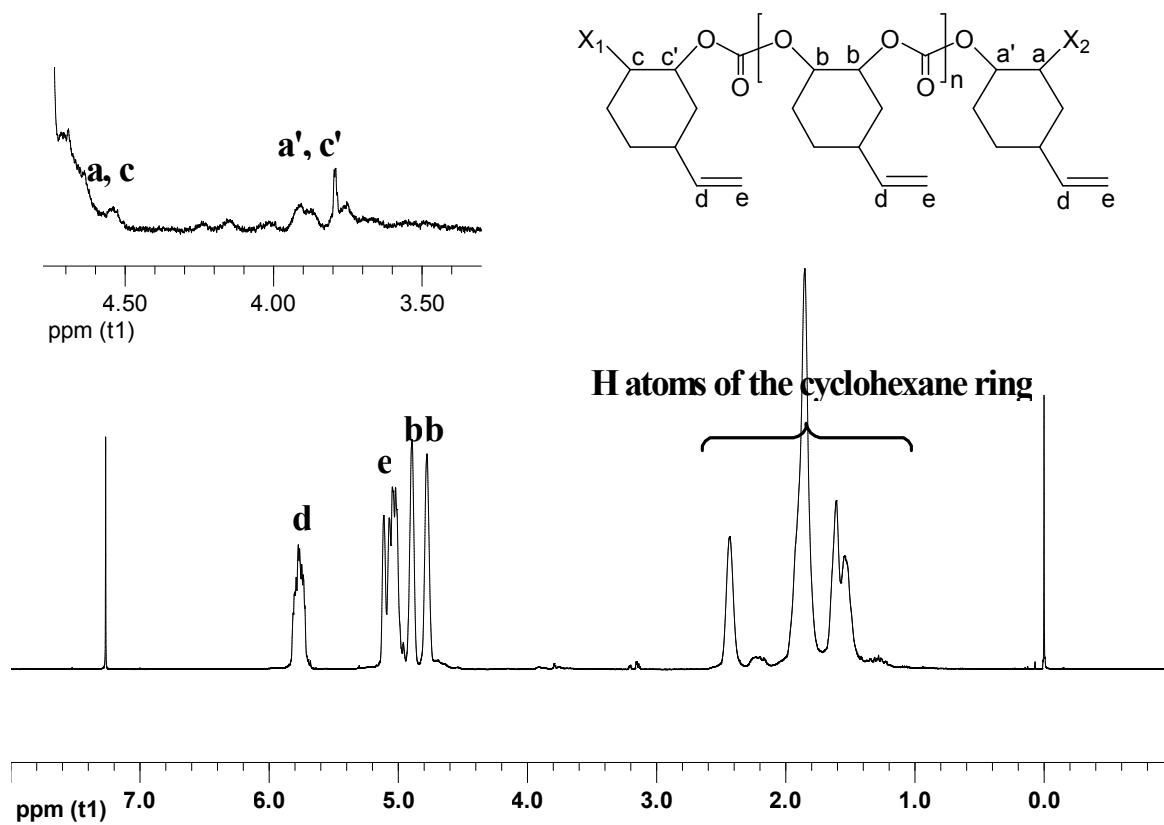


Fig. S1 The ^1H NMR spectrum of PVCHC obtained from complex 3 (entry 3 in Table 1)

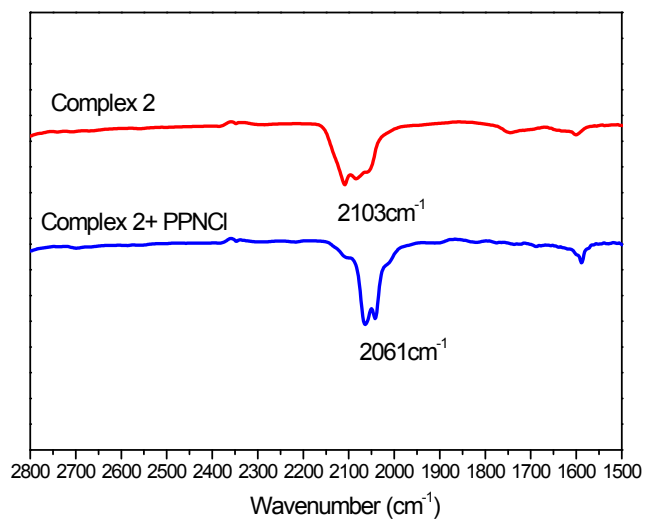


Fig. S2 IR spectra of PPNCI and the mixture of complex 2 with 1 equiv. of PPNCI

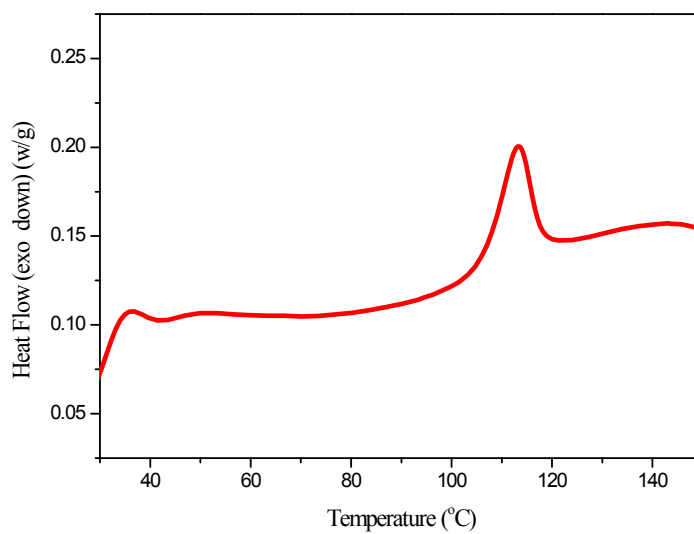


Fig. S3 DSC curve of PVCHC

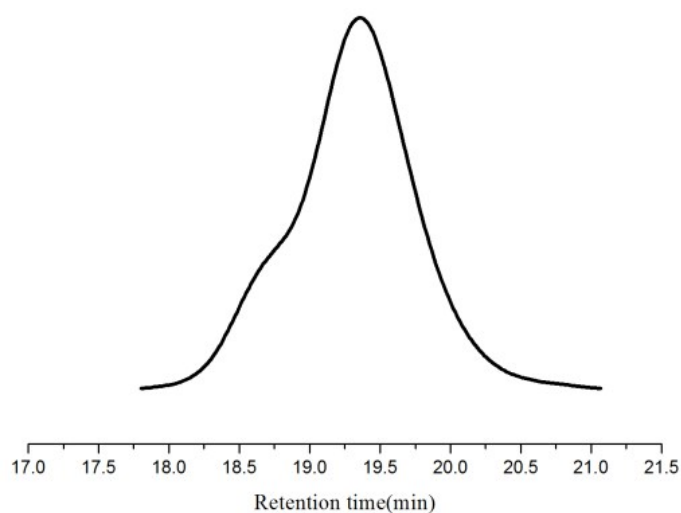


Fig. S4 Typical GPC curve of PVCHC

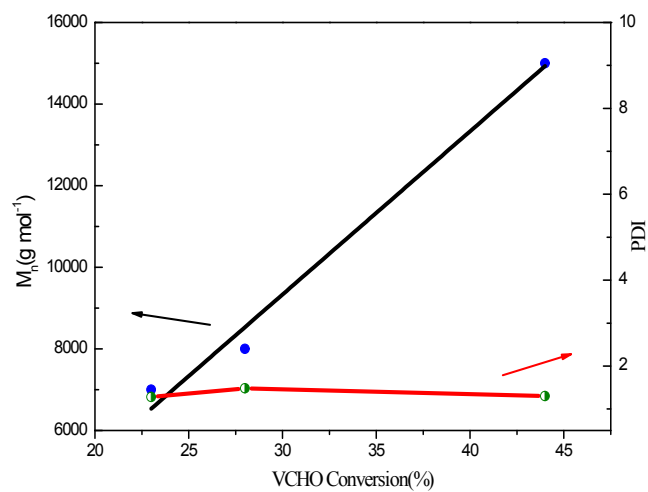


Fig.S5 Plots of M_n and PDI as a function of VCHO conversion using complex 1/PPNCl as catalyst. Conditions: VCHO/Complex 1/PPNCl=1000: 1:2 (molar ratio), 90 °C, VCHO (12.4g, 0.1 mol)