Supporting Information

Polymeric Carbon Lewis Base–Acid Adducts: Poly(NHC–C$_{60}$)

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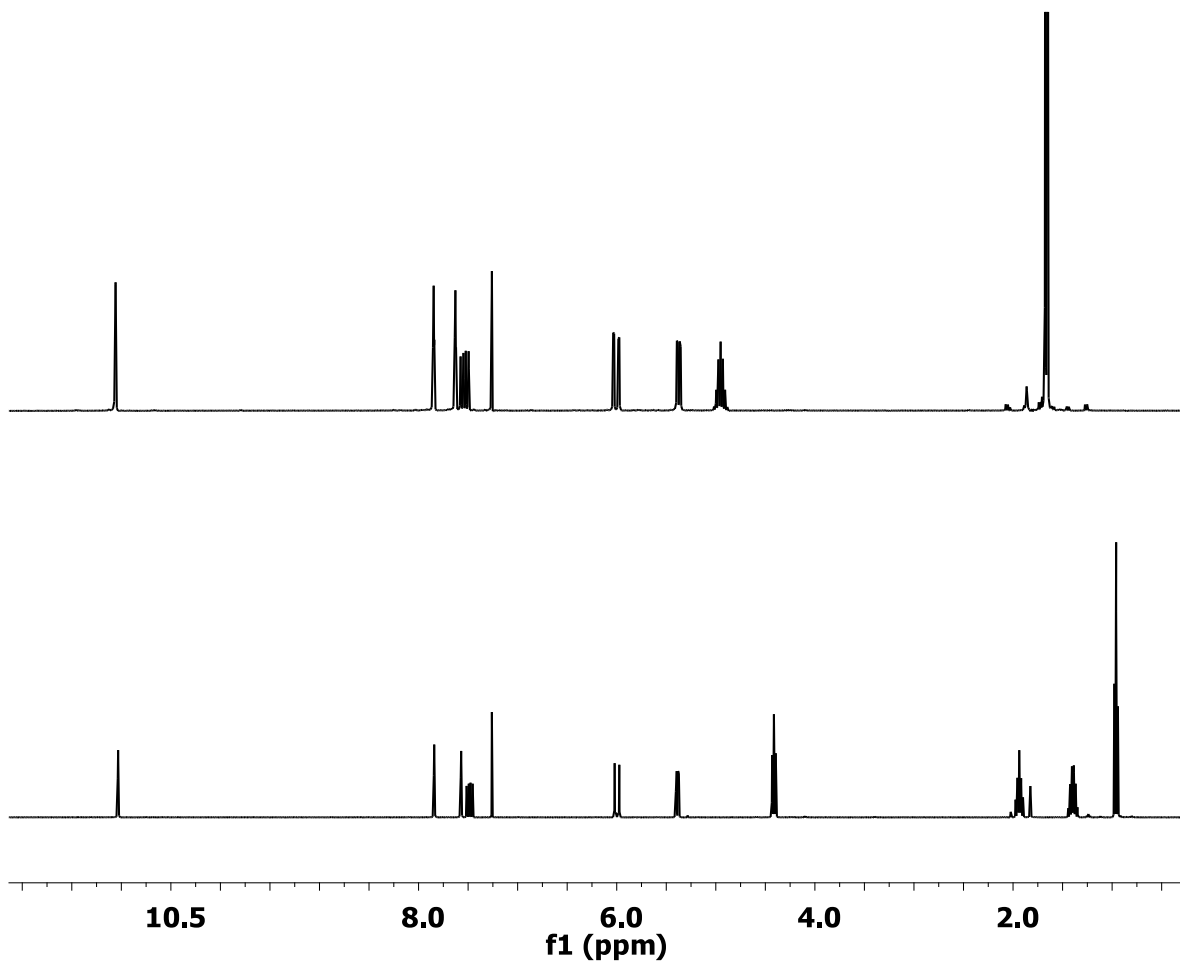*Department of Chemistry, Colorado State University, Fort Collins, Colorado 80523-1872, USA*

Figure S1. ^{1}H NMR (CDCl$_3$) spectra of V^{i}PrIm$^+$Br$^-$ (top) and V^{n}BuIm$^+$Br$^-$ (bottom).
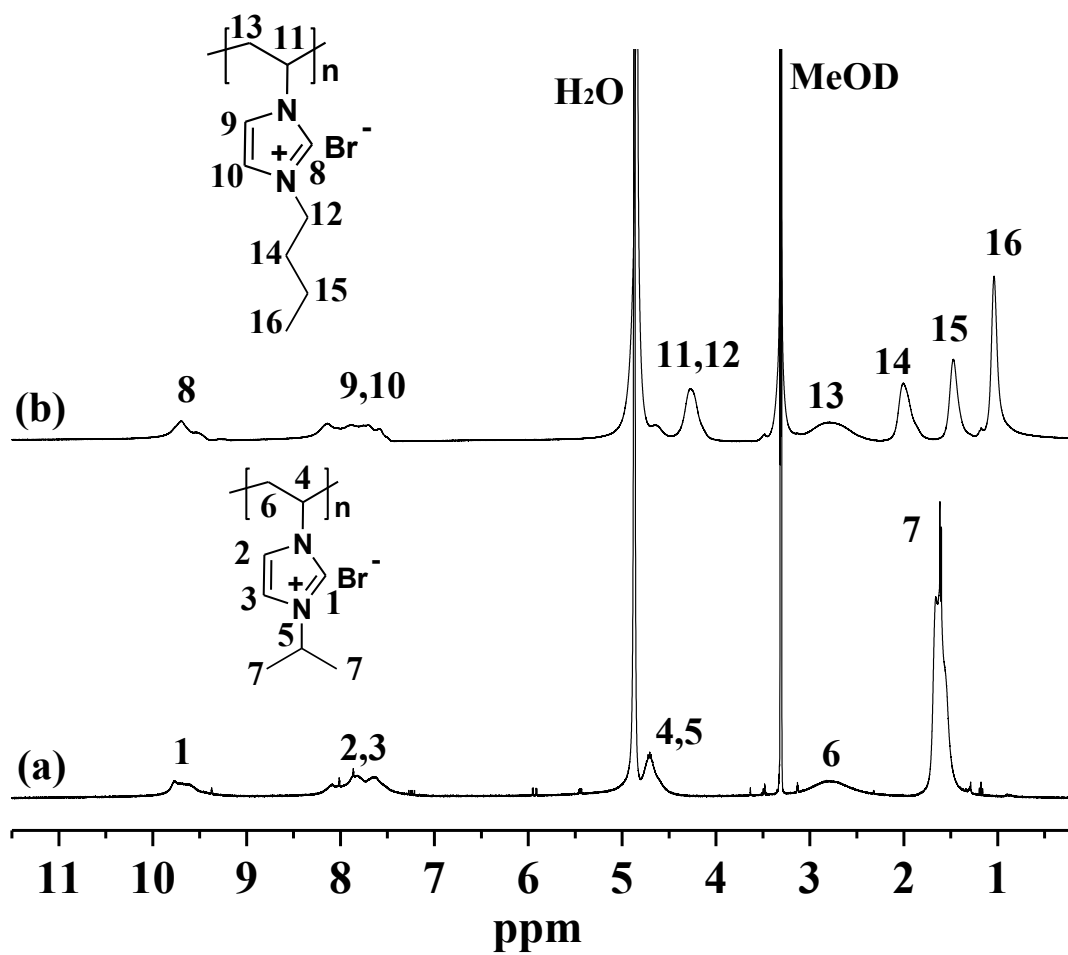
Figure S2. ^{1}H NMR (CD$_3$OD) spectra: (a) poly(V^{i}PrIm$^+$Br$^-$); (b) poly(V^{n}BuIm$^+$Br$^-$).
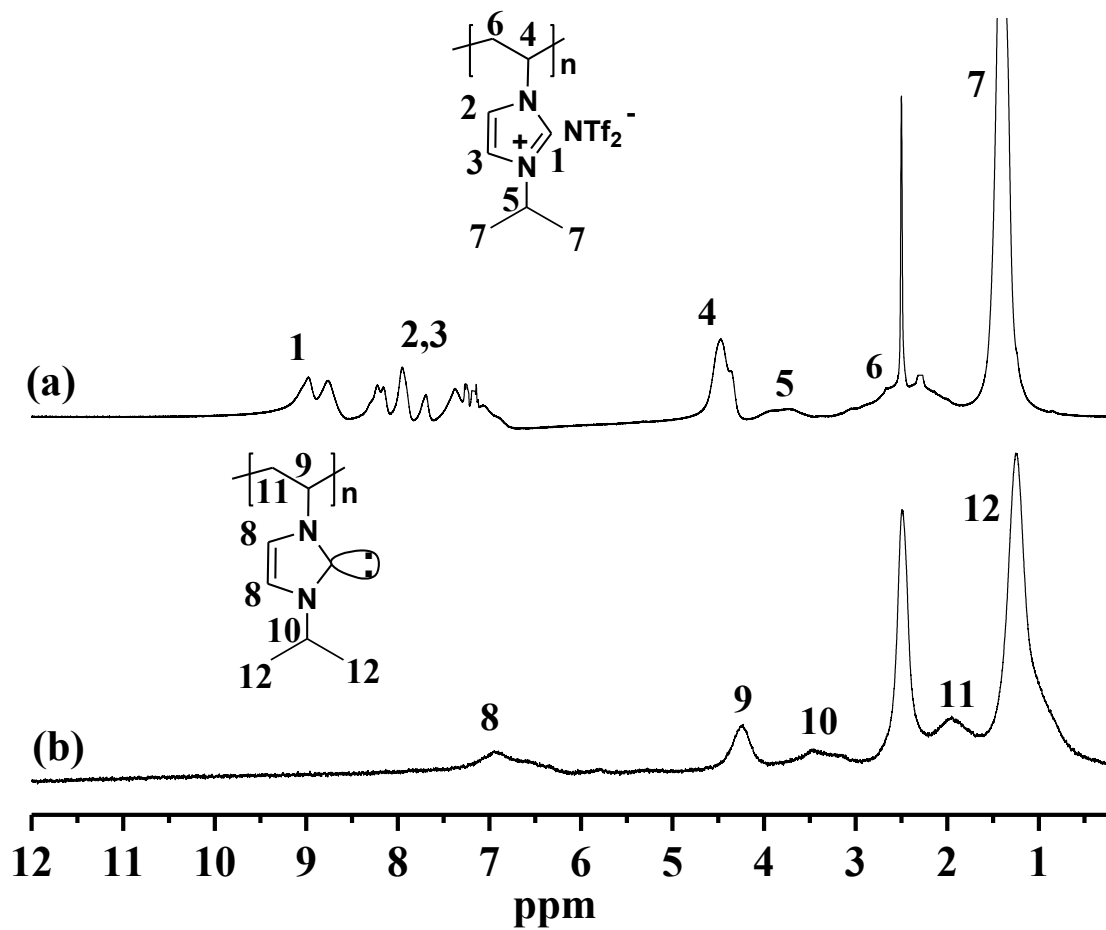
Figure S3. ^{1}H NMR (DMSO-d_6) spectra: (a) poly(V^{i}PrIm$^+$NTf$_2^-$); (b) poly(^{iPr}NHC).
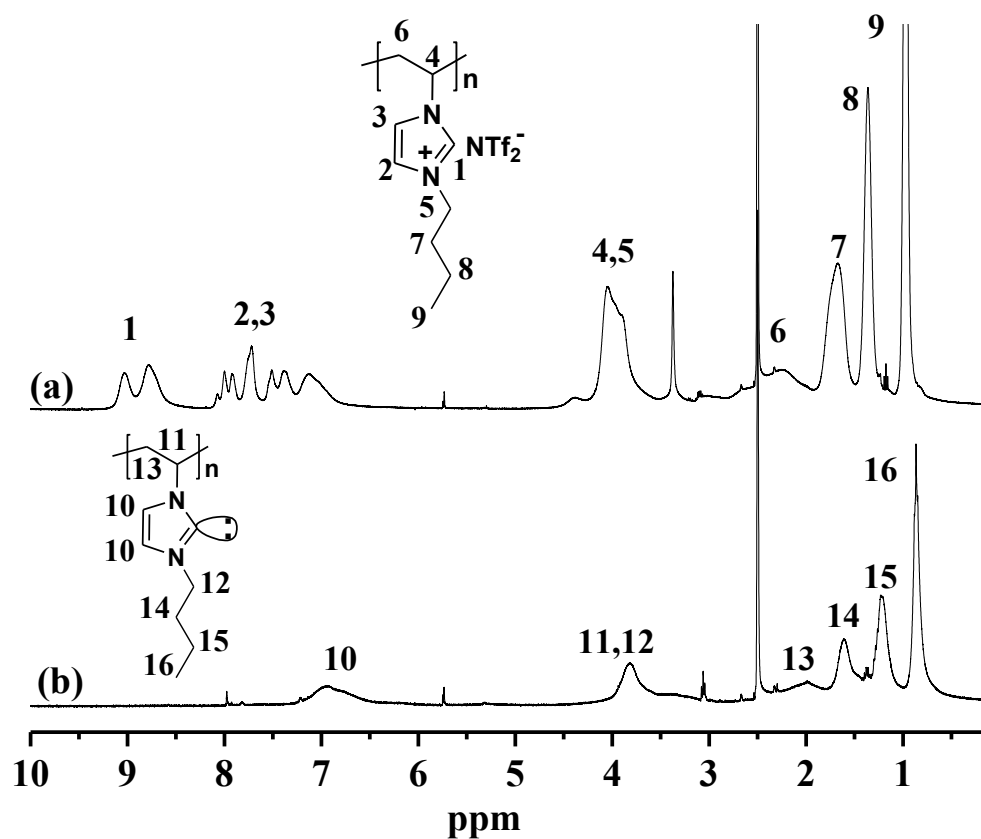
Figure S4. ^{1}H NMR (DMSO-d_6) spectra: (a) poly(V^{n}BuIm^{+}NTf$_{2}^{-}$); (b) poly(^{nBu}NHC).
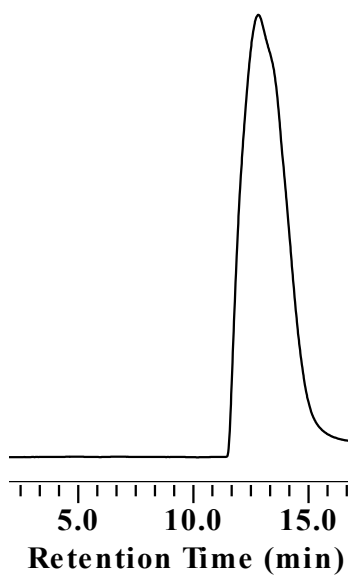
Figure S5. GPC curve of poly[V^{n}BuIm^{+}Br^{-}-*co*-(NHC-C$_{60}$)] (NHC/C$_{60}$ = 30/1): M_n = 1.45 × 10^{5} g/mol, Đ

= 1.90.
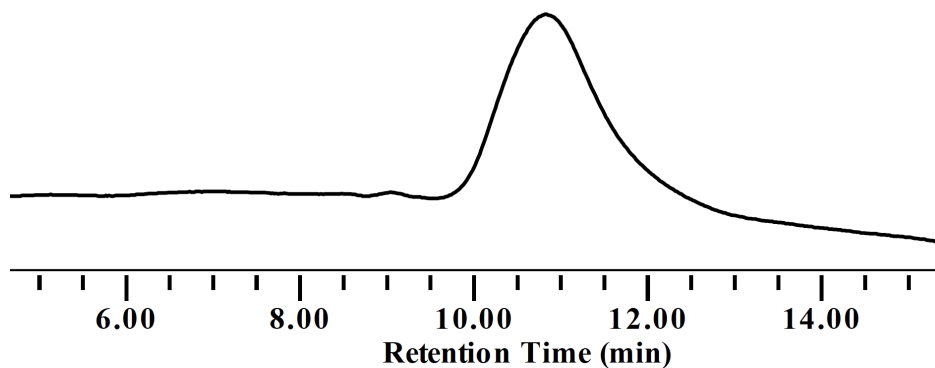
Figure S6. GPC curve of poly[V^{i}PrIm$^+$Br$^-$-*co*-(NHC-C$_{60}$)] (NHC/C$_{60}$ = 20/1): M_n = 2.45 × 10^5 g/mol, $Đ$ = 1.69).

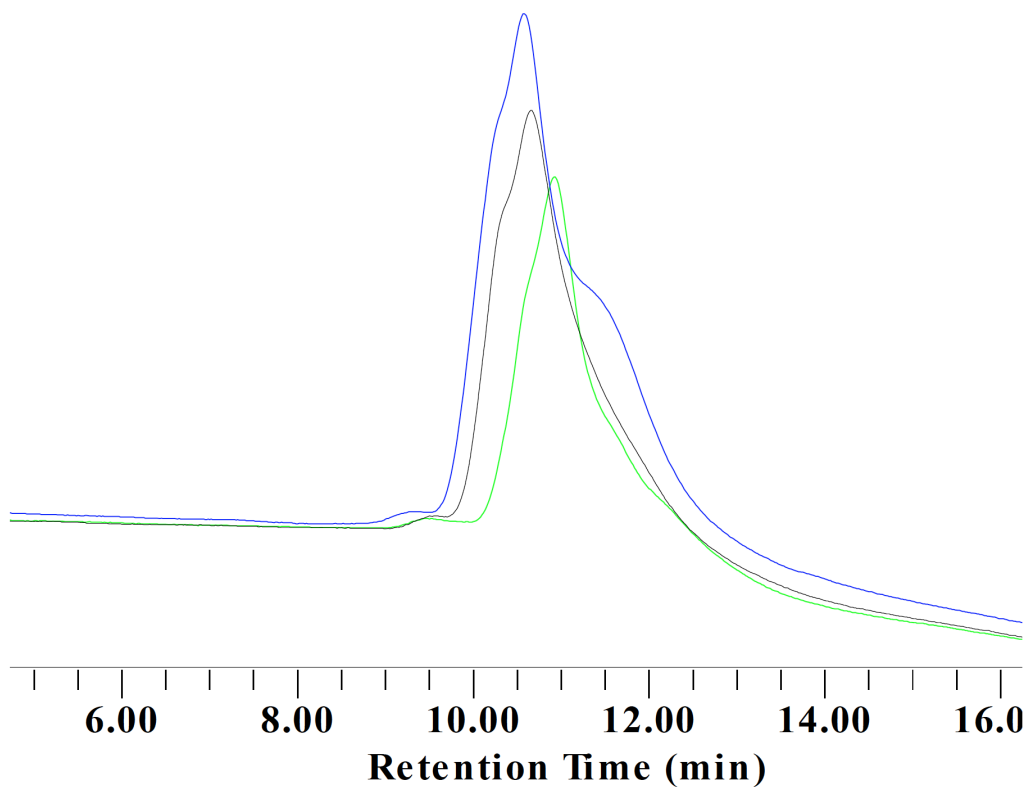**Figure S7.** GPC curves of poly[V^{i}PrIm$^+$Br$^-$-*co*-(NHC-C$_{60}$)] (NHC/C$_{60}$ = 50/1) with different concentration: 0.5 mg/mL (green); 1.0 mg/mL (grey); 2 mg/mL (blue).