# Supplementary Information

Metal-containing polymers bearing pendant nickel(II) complexes of Goedken's macrocycle

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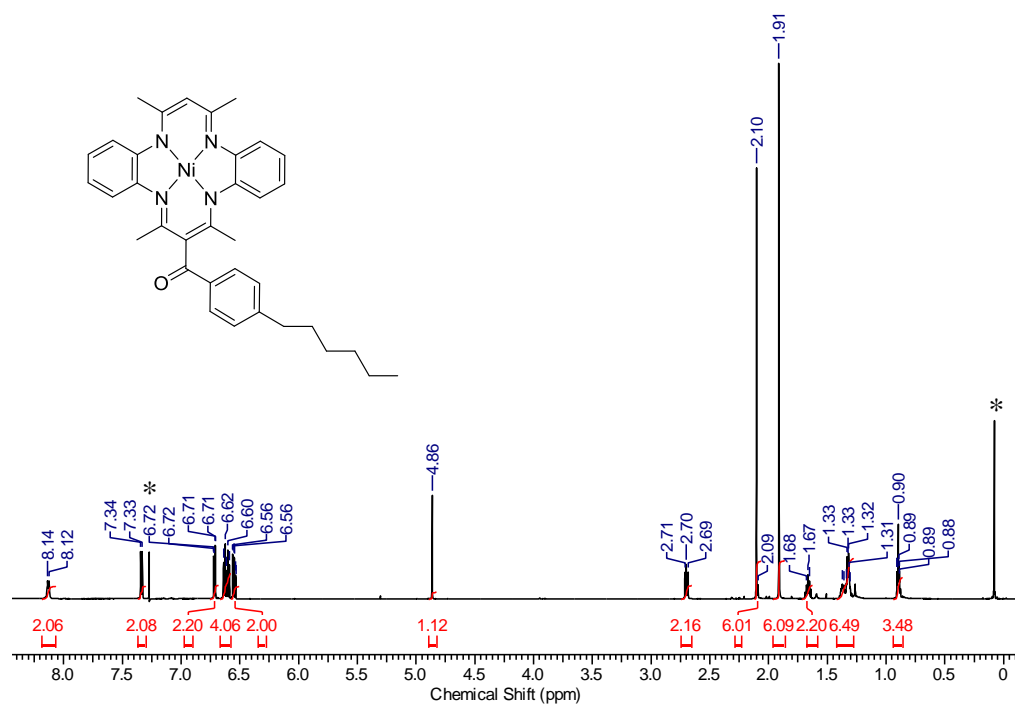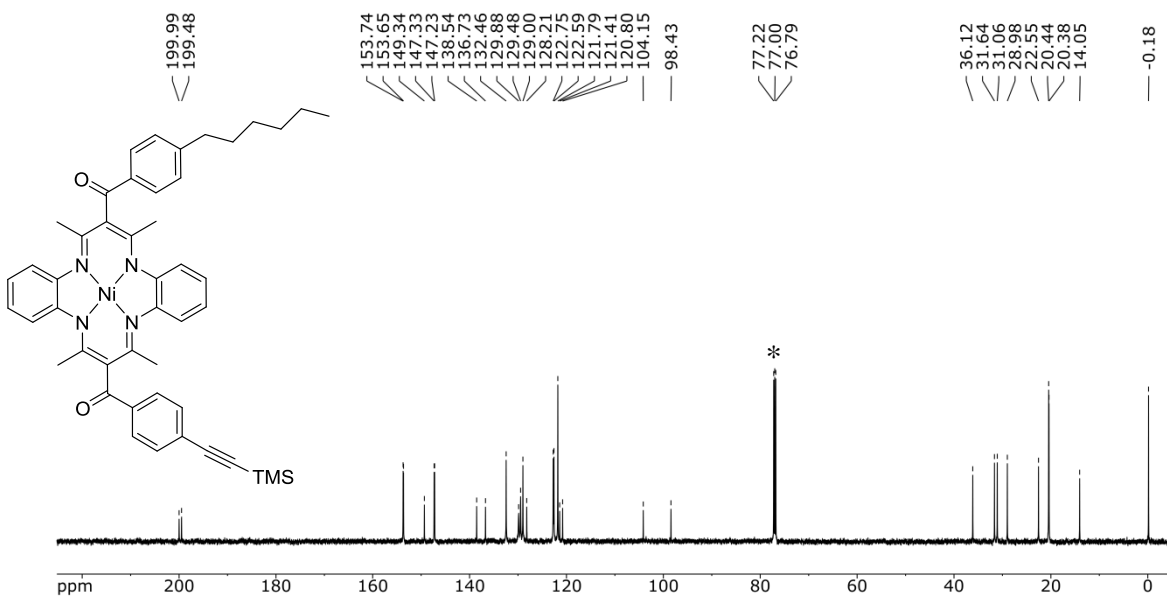
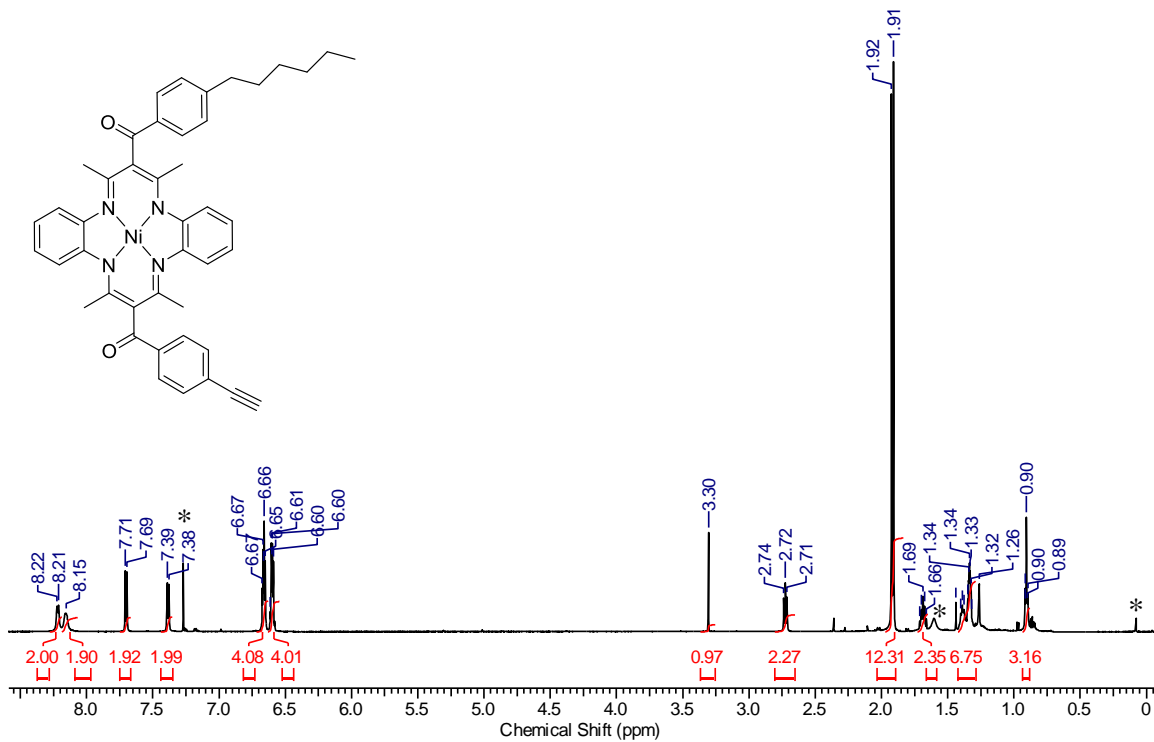**Fig. S1**   ¹H NMR spectrum of compound **9** in CDCl₃. Asterisks denote residual CHCl₃ and grease.
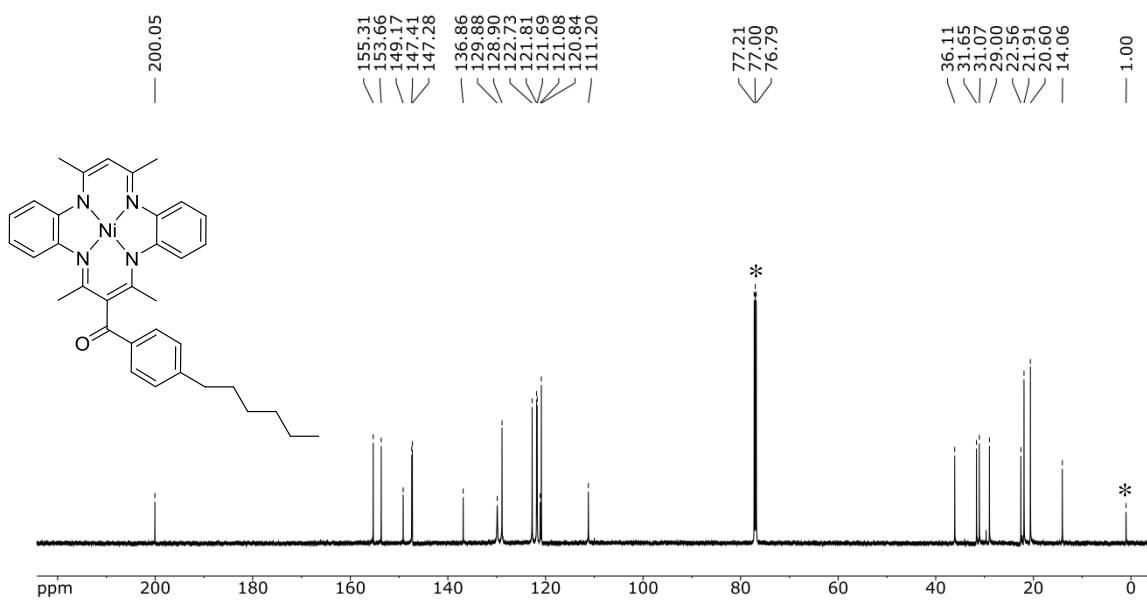
Fig. S2   ¹³C{¹H} NMR spectrum of **9** in CDCl₃. Asterisks denote CDCl₃ and grease.
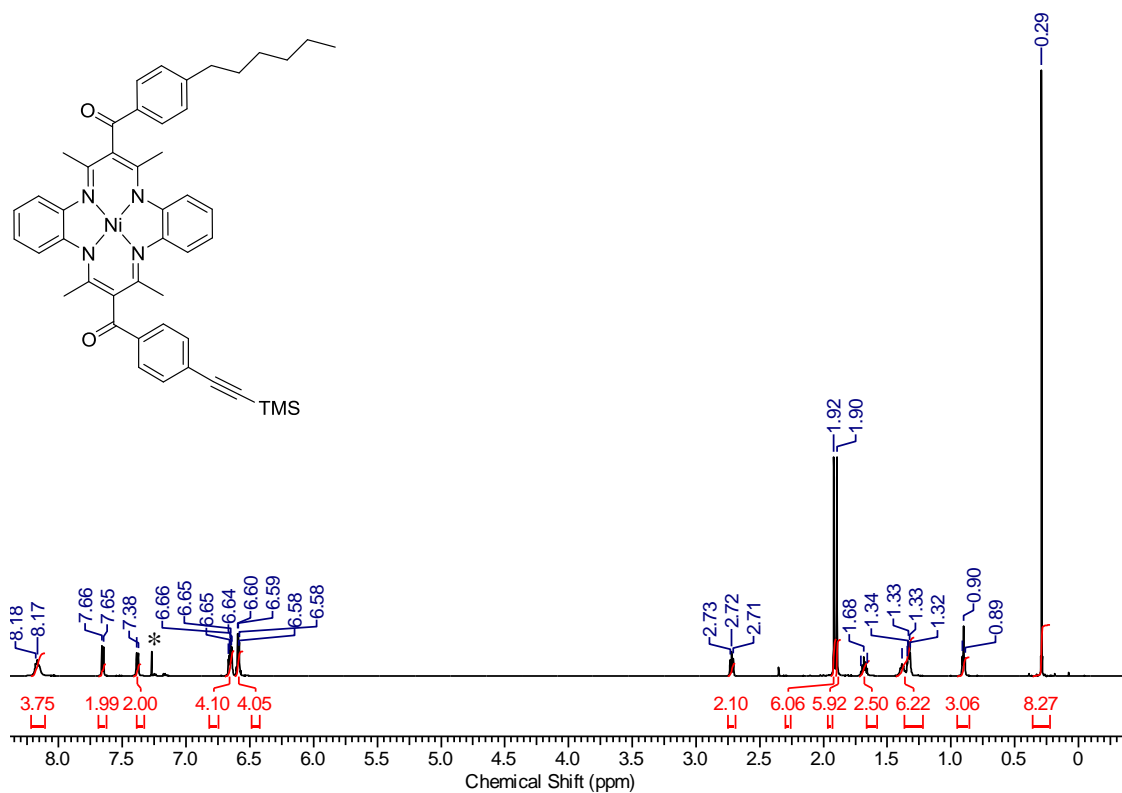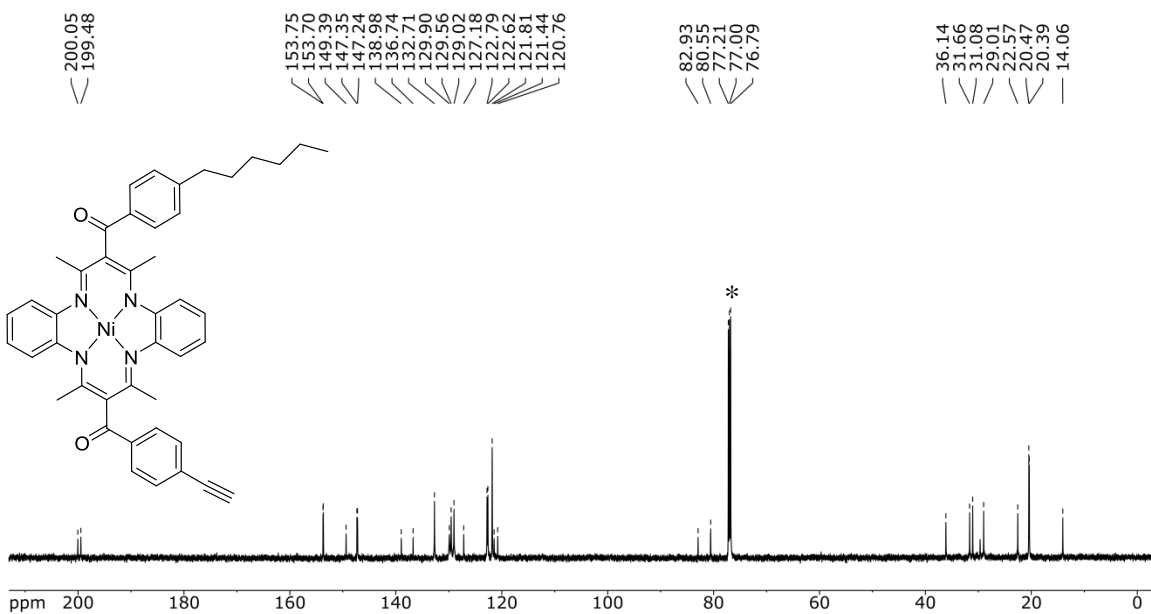
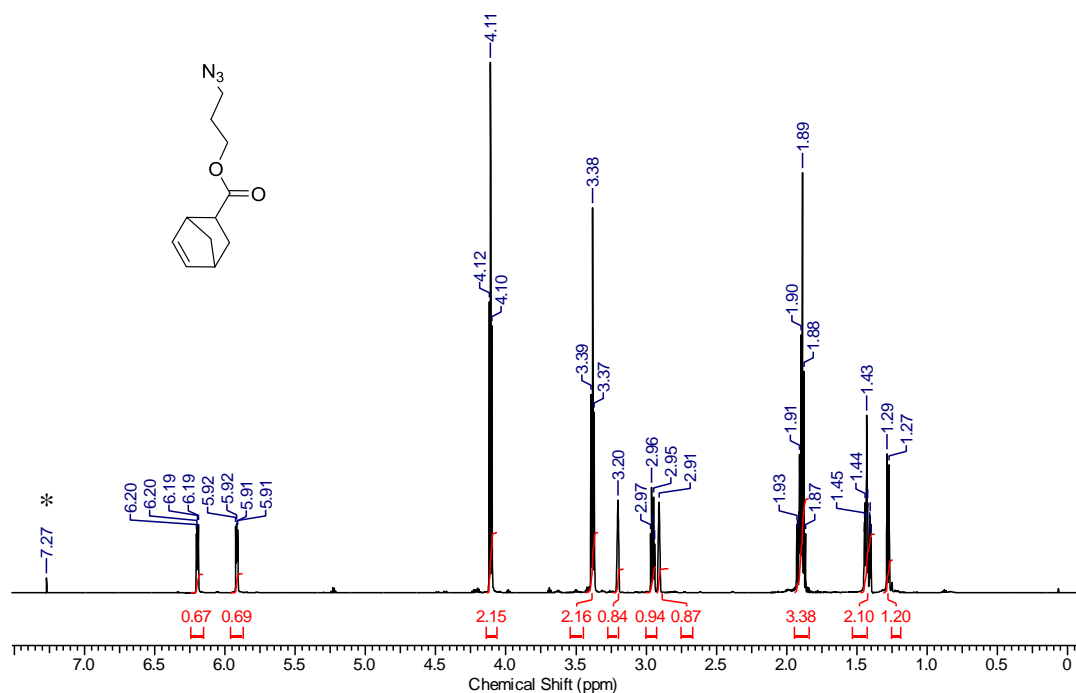**Fig. S3** ^{1}H NMR spectrum of compound **10** in CDCl$_3$. Asterisk denotes residual CHCl$_3$.

Fig. S4 ^{13}C{^{1}H} NMR spectrum of **10** in CDCl$_3$. Asterisk denotes CDCl$_3$.

Fig. S5 ^{1}H NMR spectrum of compound **11** in CDCl$_3$. Asterisks denote residual CHCl$_3$, H$_2$O, and grease.

Fig. S6 ^{13}C{^{1}H} NMR spectrum of **11** in CDCl$_3$. Asterisk denotes CDCl$_3$.

Fig. S7 ¹H NMR spectrum of compound *endo*-**12** in CDCl₃. Asterisk denotes residual CHCl₃.
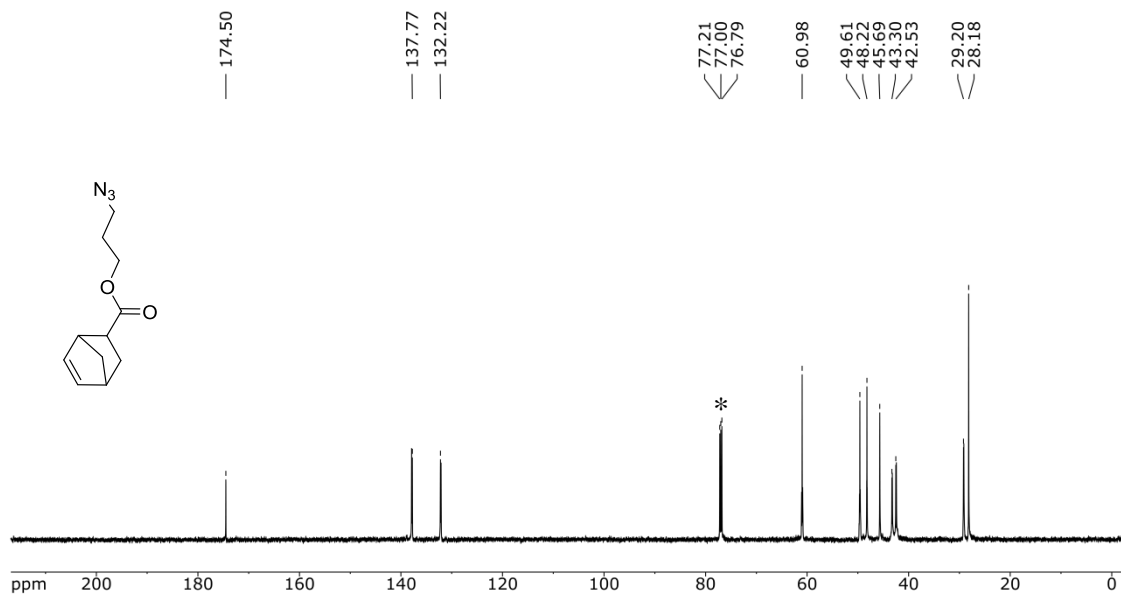
Fig. S8 ¹³C{¹H} NMR spectrum of *endo*-**12** in CDCl₃. Asterisk denotes CDCl₃.
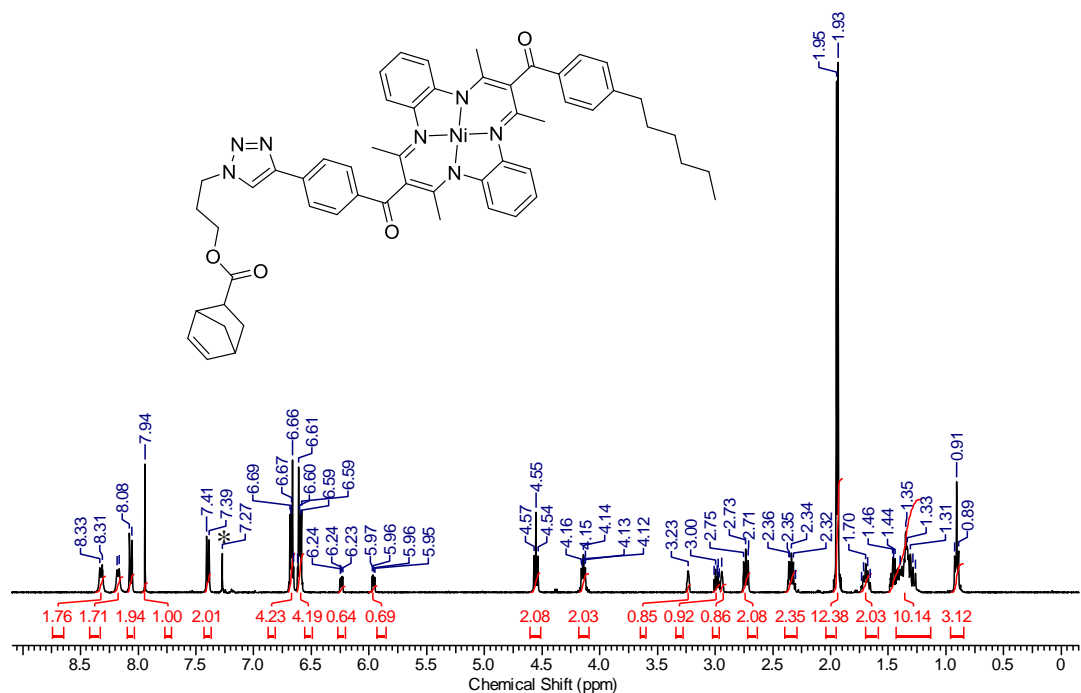
Fig. S9 ¹H NMR spectrum of compound *endo*-**13** in CDCl₃. Asterisk denotes residual CHCl₃.
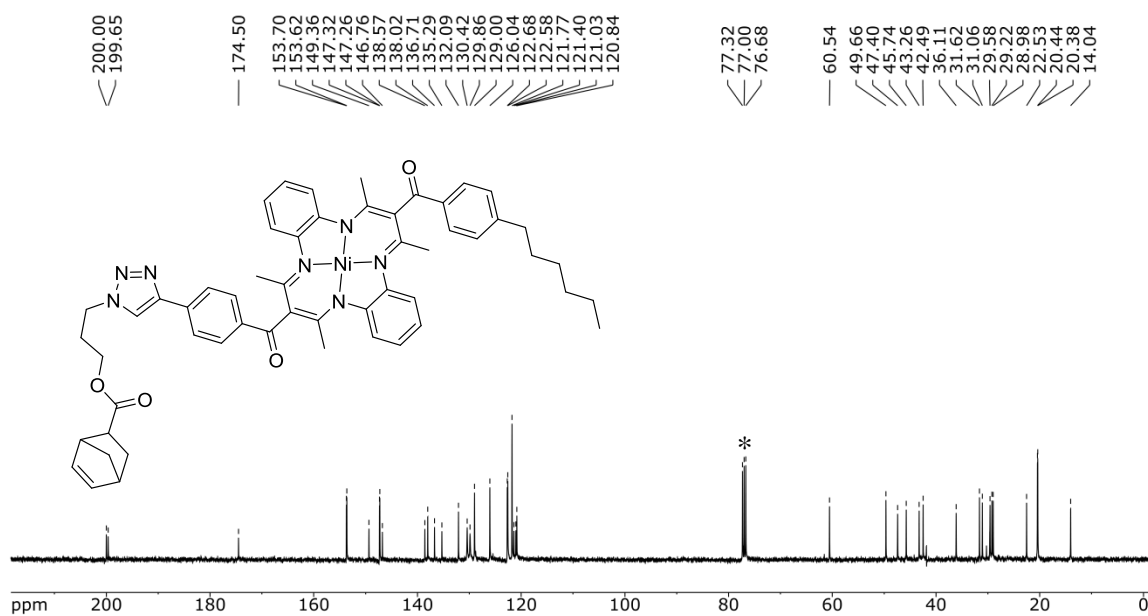
Fig. S10 ¹³C{¹H} NMR spectrum of *endo*-**13** in CDCl₃. Asterisk denotes CDCl₃.
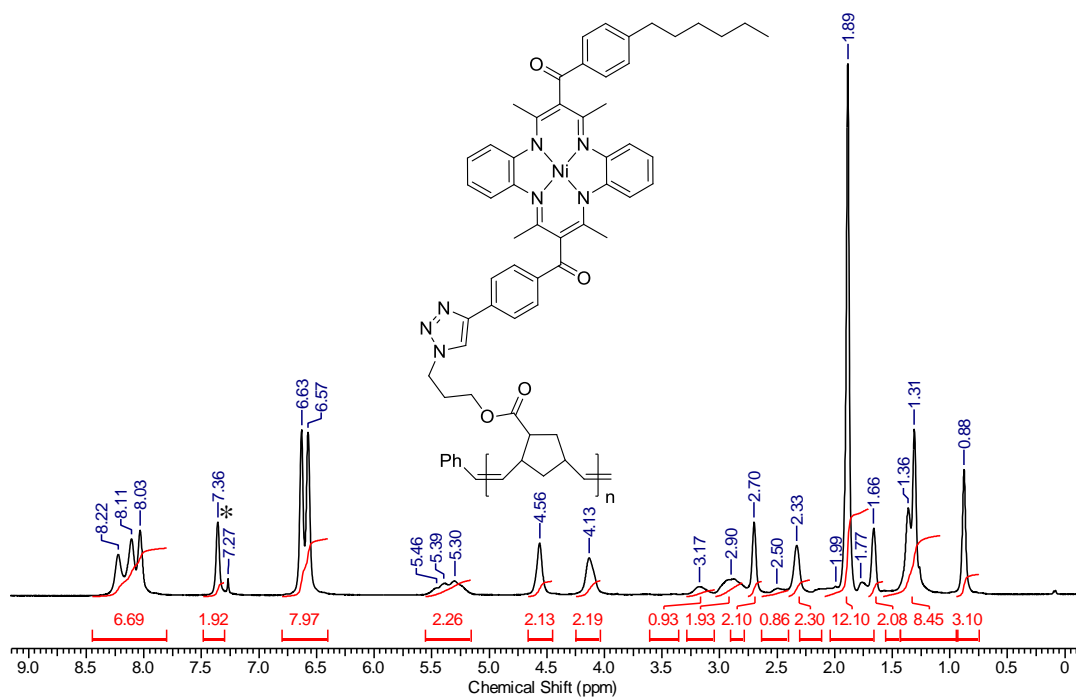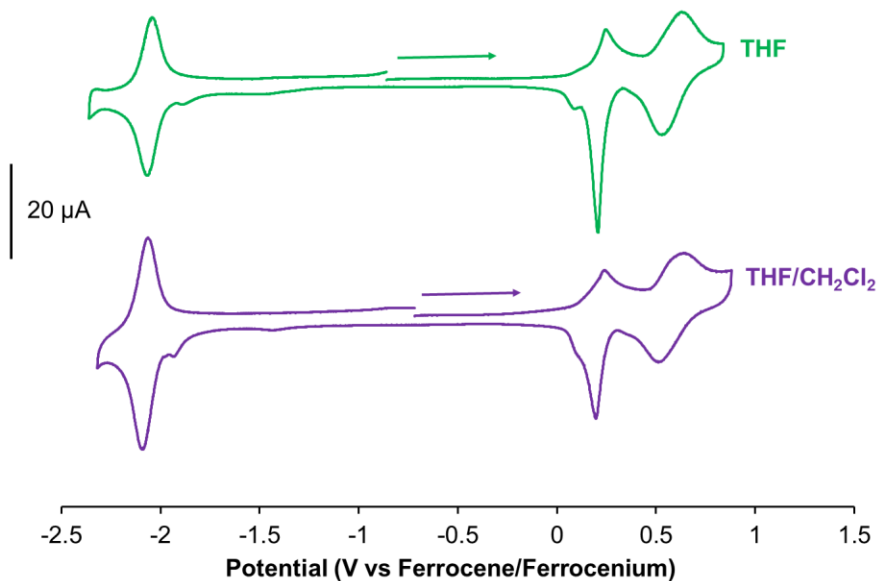
Fig. S11 Representative ^{1}H NMR spectrum of polymer **14** in CDCl$_3$. Asterisk denotes residual CHCl$_3$.
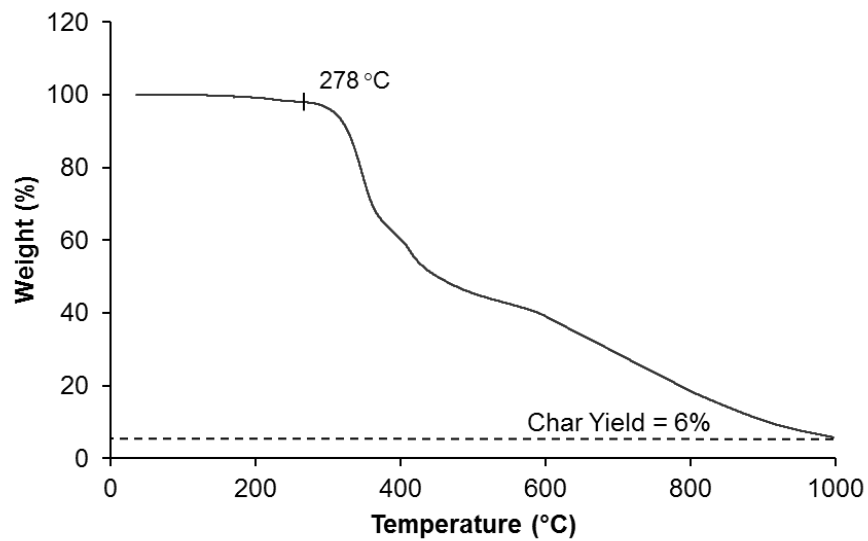
Fig. S12 TGA trace for polymer **14**.
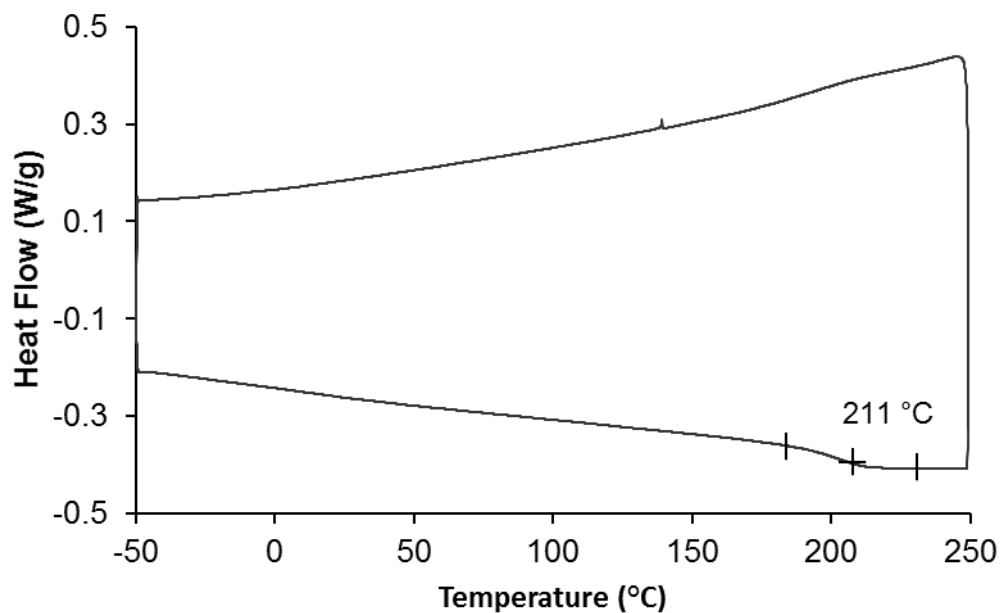
Fig. S13   DSC thermogram of polymer **14**. The data presented are from the second heating/cooling cycle.

Fig. S14   Cyclic voltammograms of polymer **14** recorded at a scan rate of 250 mV s^{-1} in THF (green) and THF/CH$_2$Cl$_2$ (1/1) (purple) solutions containing 1×10^{-3} M analyte and 0.1 M [nBu$_4$N][PF$_6$] as supporting electrolyte.