

Supporting Information

POSS-Containing Polynorbornene with Pendant Perylene Diimide: from Unique Supramolecular Structure to Tunable Luminescent Property

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Table S1 Yields, molecular weights and thermal properties for the polymers.

Polymer	%Yield	Mn/kDa	Mw/kDa	Mw/Mn	Td/°C
PPDI-POSS	89	23.6	37.7	1.597	360
PPDI-C10C8	87	24.5	44.0	1.795	368

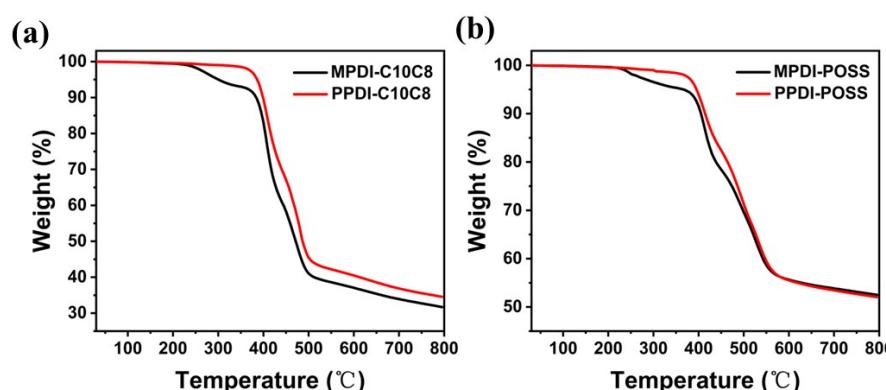


Fig. S1 The TGA curves of (a) MPDI-C10C8 and PPDI-C10C8; (b) MPDI-POSS and PPDI-POSS

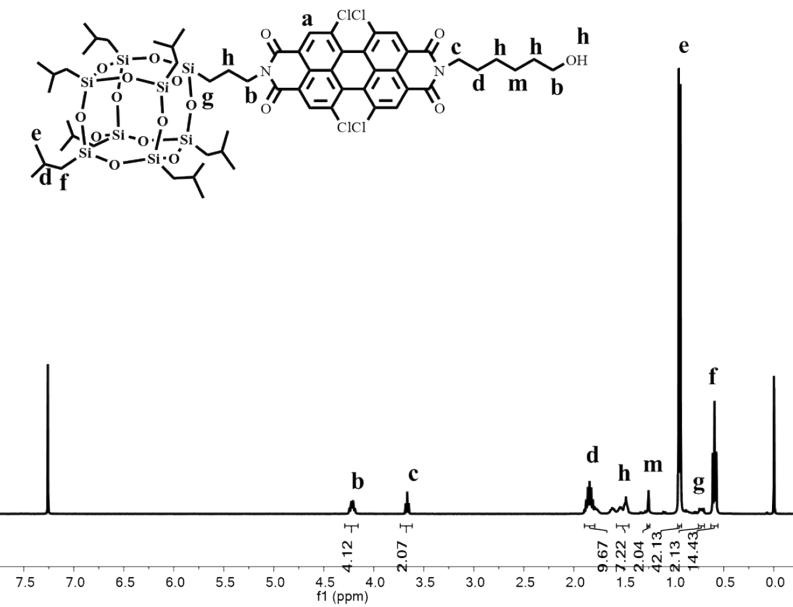


Fig. S2 The ¹H NMR spectrum of 2a

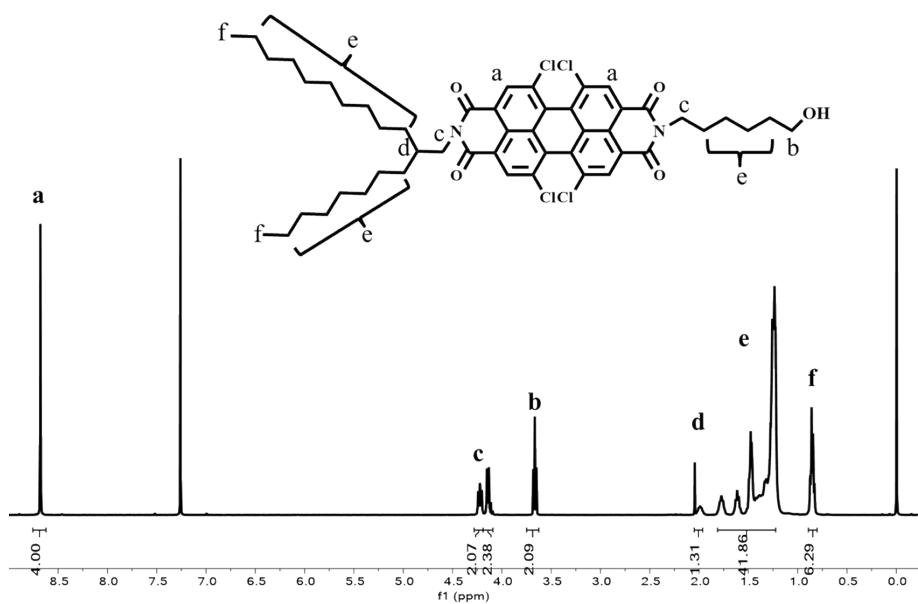


Fig. S3 The ¹H NMR spectrum of 2b

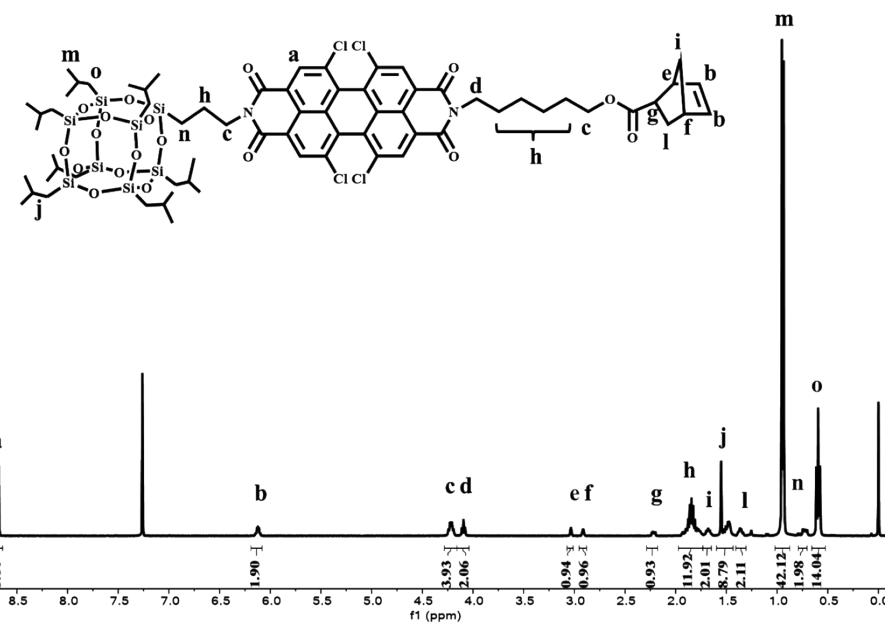


Fig. S4 The ¹H NMR spectrum of 3a

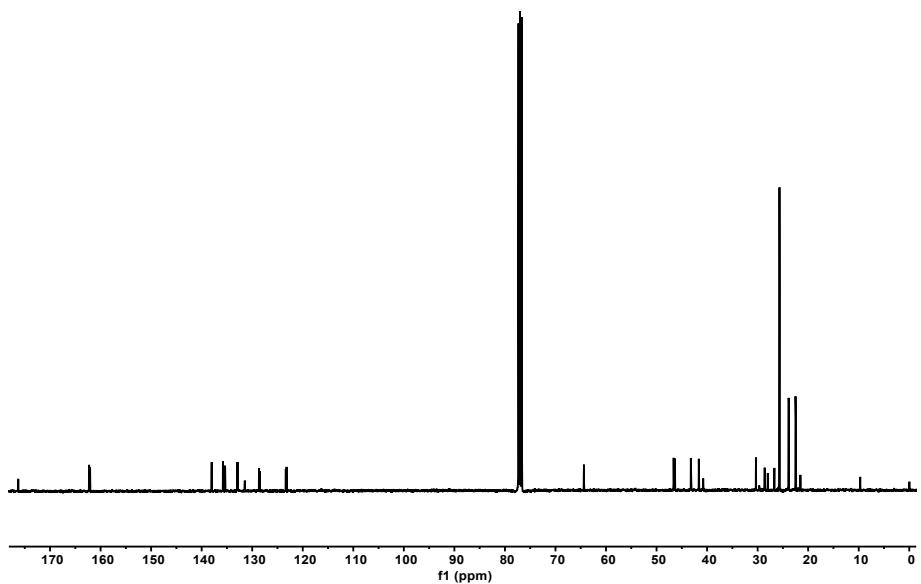


Fig. S5 The ¹³C NMR spectrum of 3a

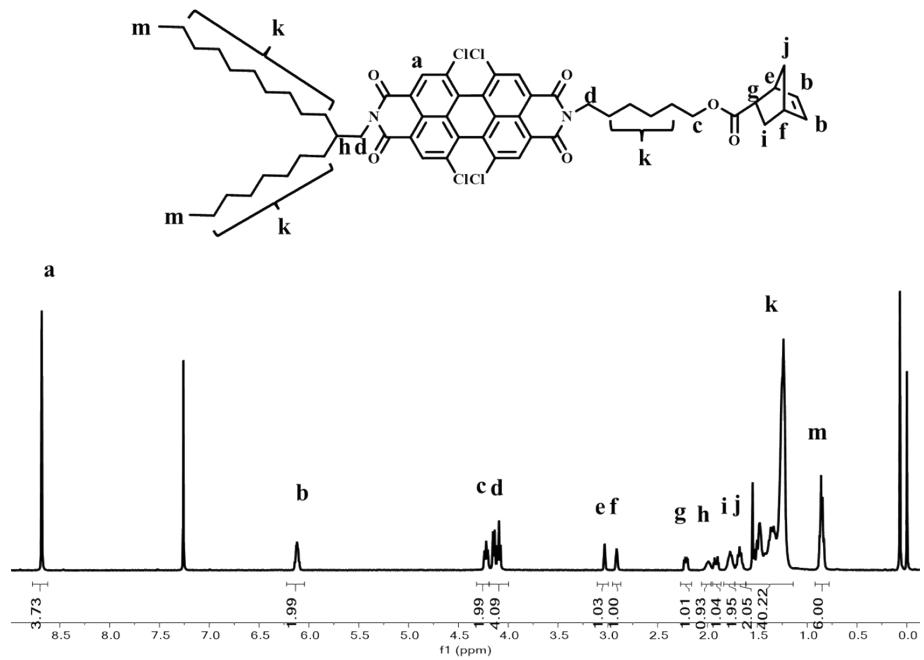


Fig. S6 The ^1H NMR spectrum of 3b

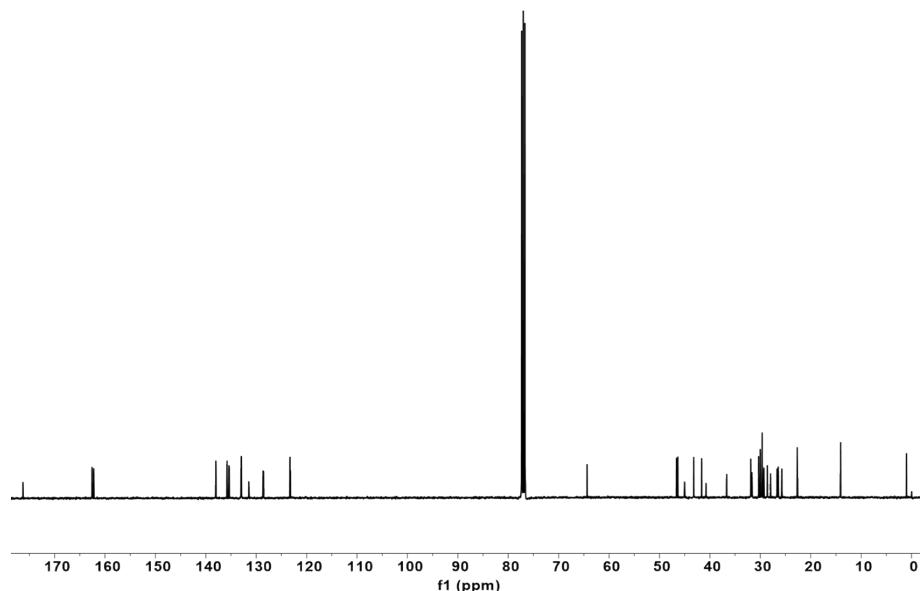


Fig. S7 The ^{13}C NMR spectrum of 3b

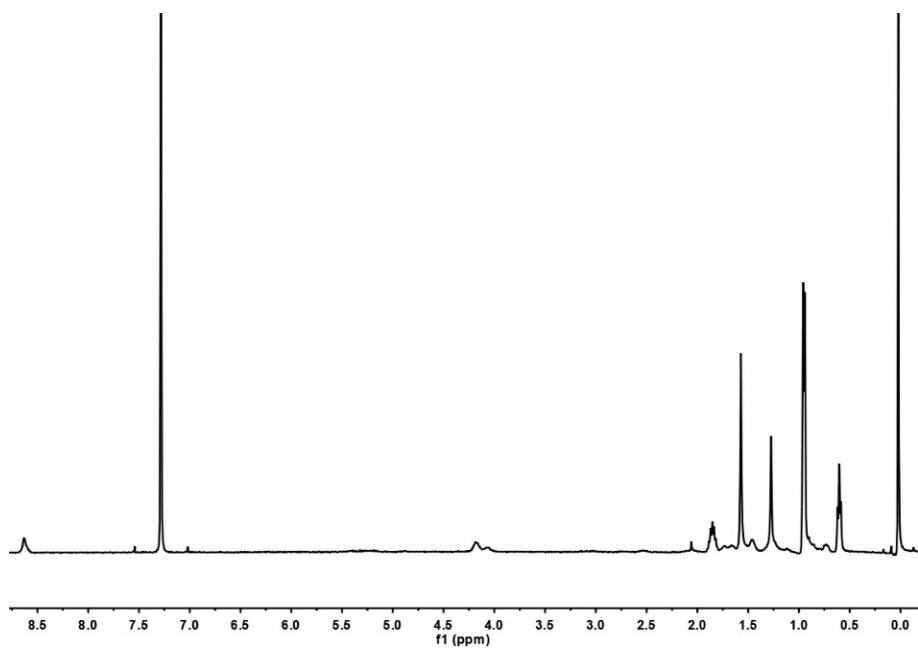


Fig. S8 The ^1H NMR spectrum of PPDI-POSS

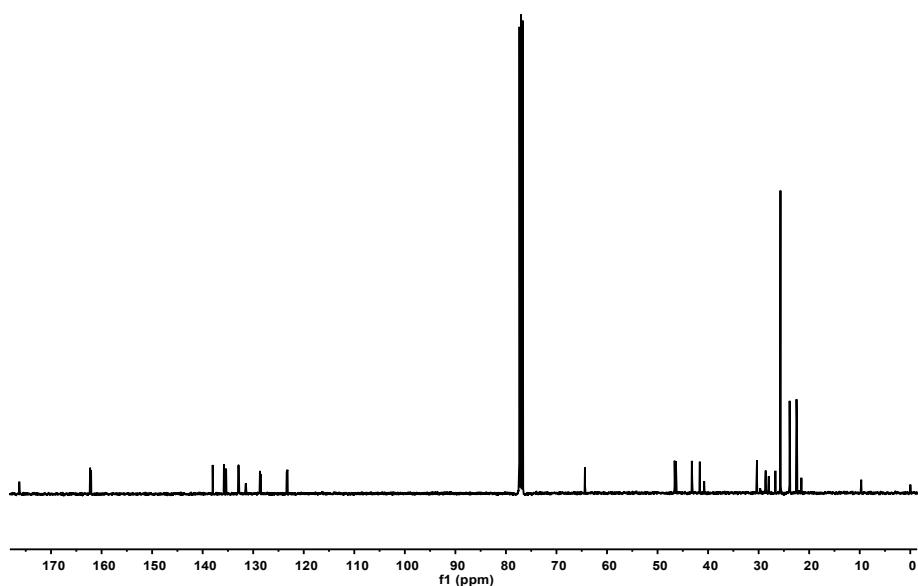


Fig. S9 The ^{13}C NMR spectrum of PPDI-POSS

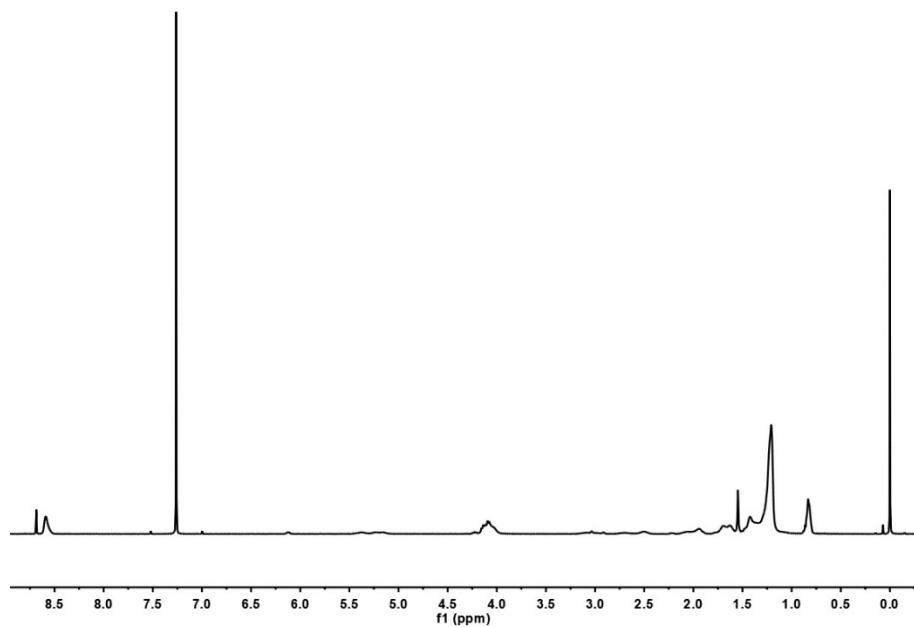


Fig. S10 The ^1H NMR spectrum of PPDI-C10C8

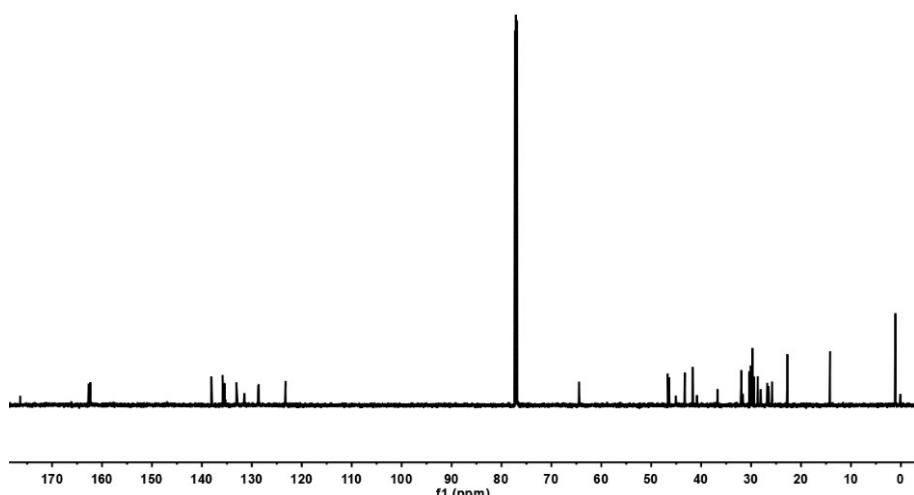


Fig. S11 The ^{13}C NMR spectrum of PPDI-C10C8