Synthesis and properties of tetracyanoquinodimethane derivatives

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Supplemental material

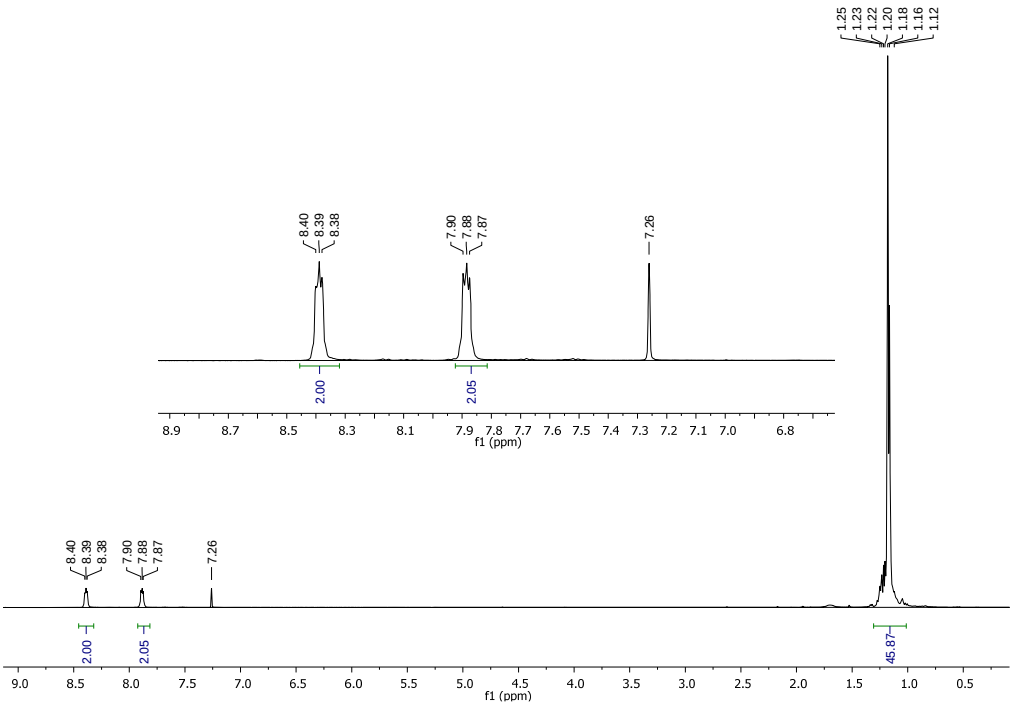


Figure S1 ^{1}H NMR (400 MHz) spectrum of **4** in $CDCl_3$ at 300 K.

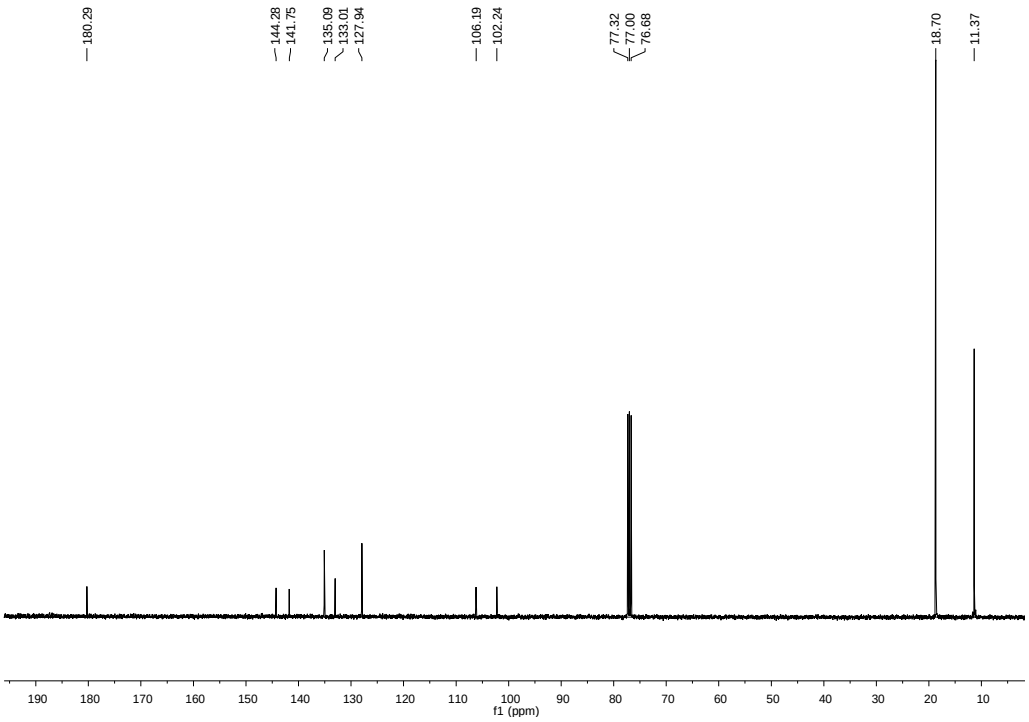


Figure S2 ^{13}C NMR (101 MHz) spectrum of **4** in $CDCl_3$ at 300 K.

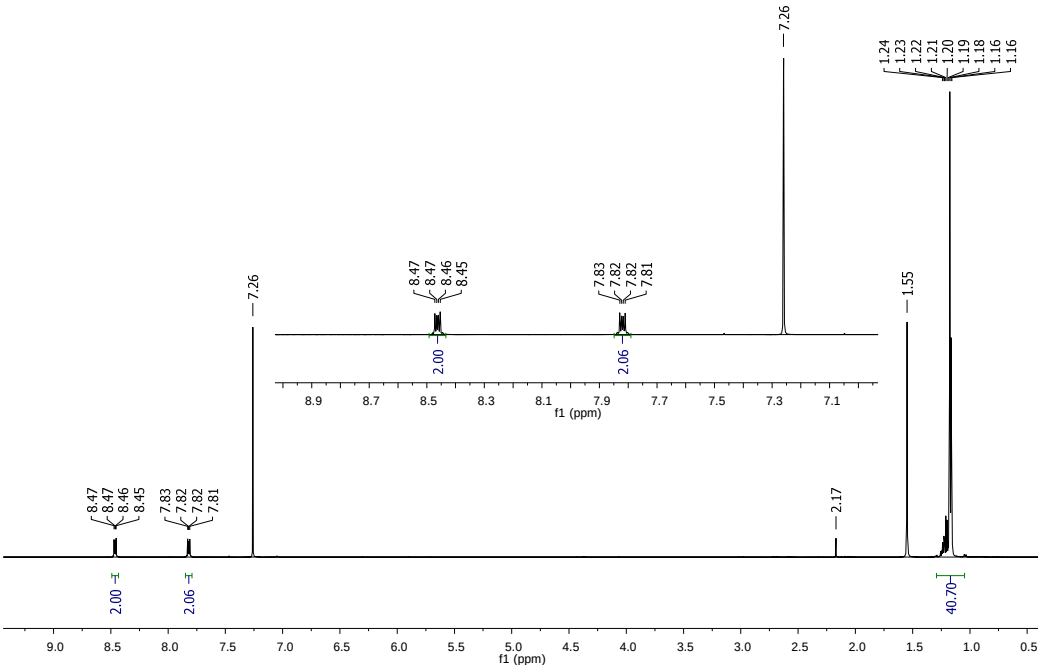


Figure S3 ^{1}H NMR (500 MHz) spectrum of **6** in $CDCl_3$ at 300 K.

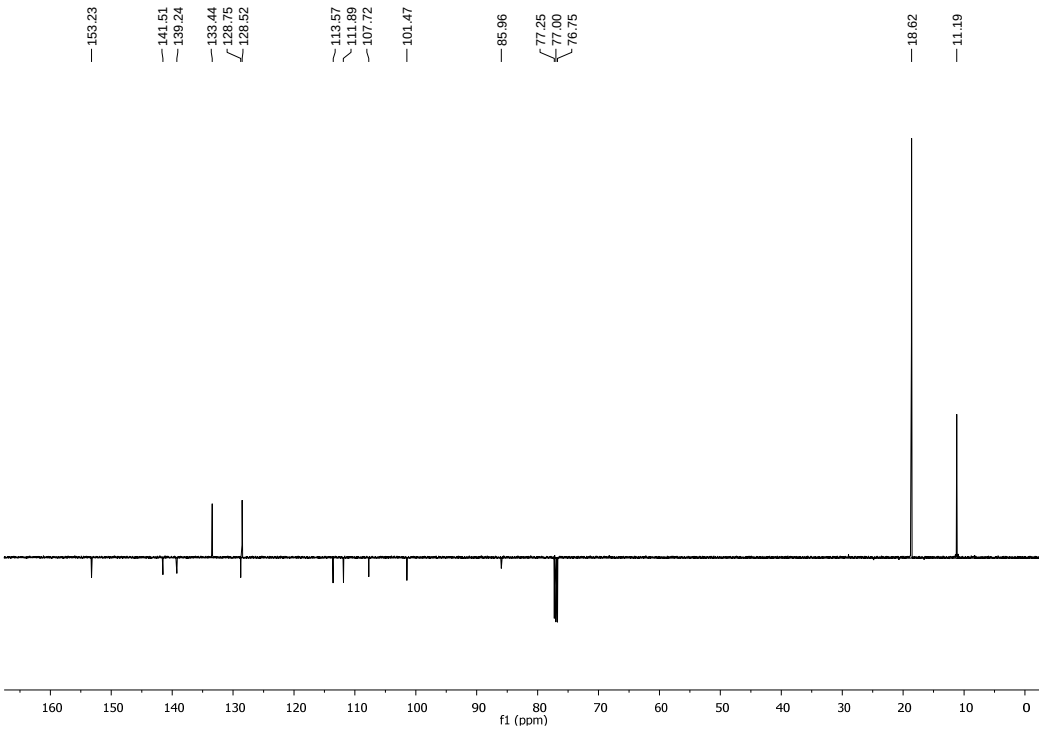


Figure S4 ^{13}C NMR (126 MHz) spectrum of **6** in $CDCl_3$ at 300 K.

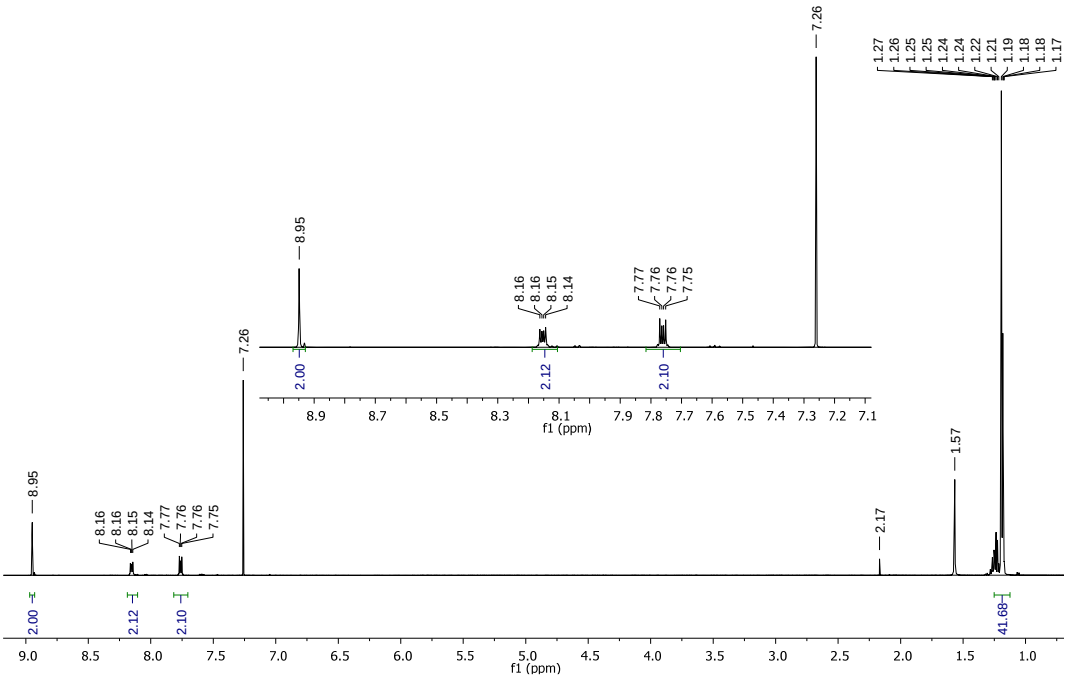


Figure S5 ^{1}H NMR (500 MHz) spectrum of **5** in $CDCl_3$ at 300 K.

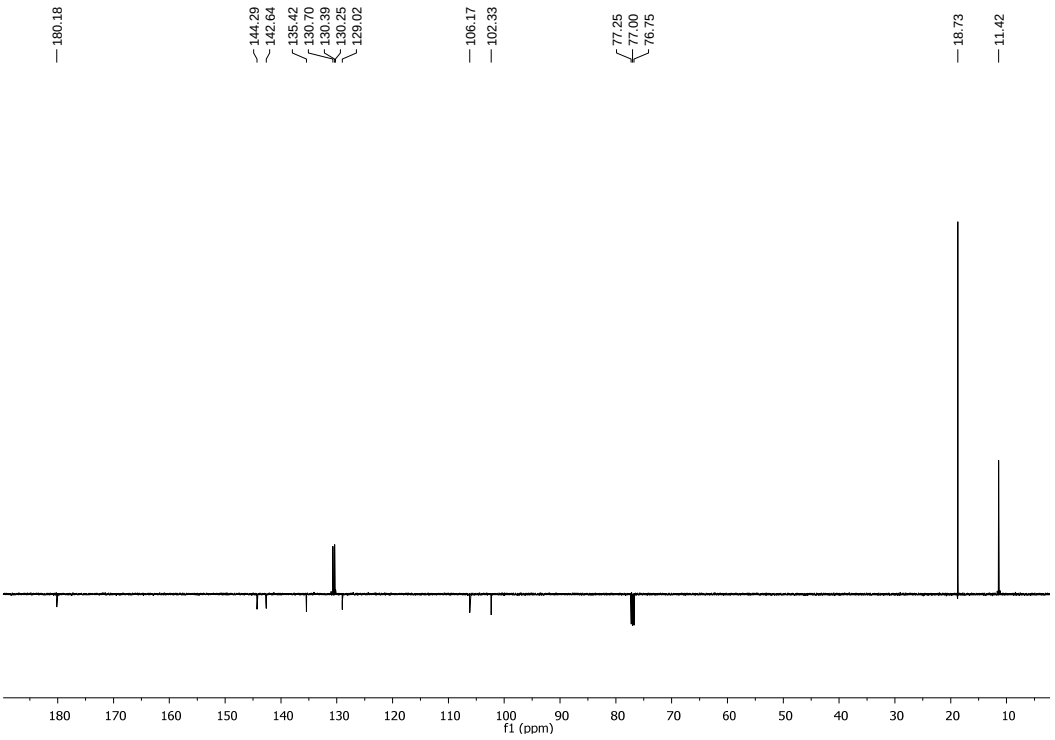


Figure S6 ^{13}C NMR (126 MHz) spectrum of **5** in $CDCl_3$ at 300 K.

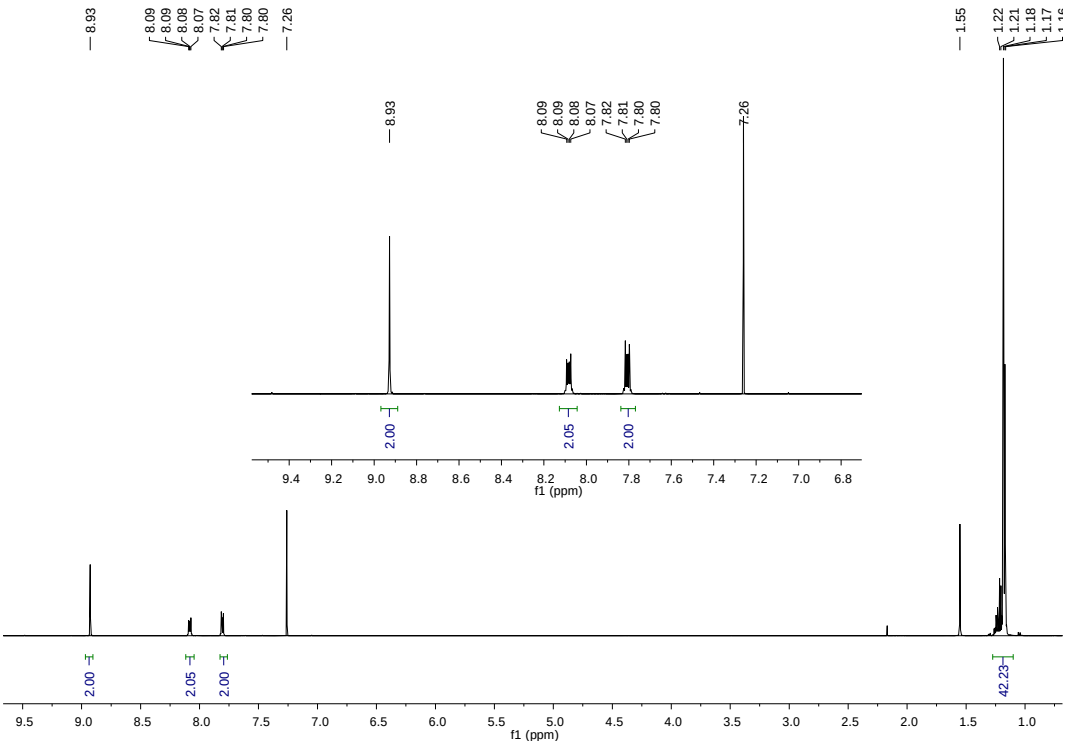


Figure S7 ^{1}H NMR (500 MHz) spectrum of **7** in $CDCl_3$ at 300 K.

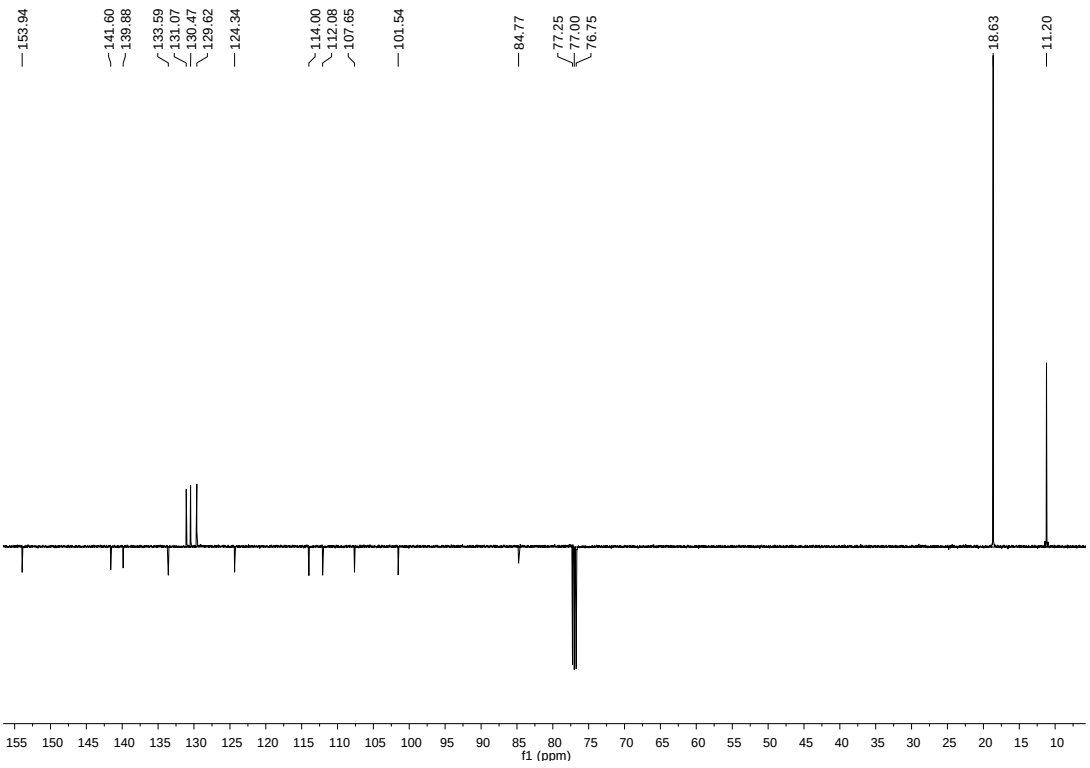


Figure S8 ^{13}C NMR (126 MHz) spectrum of **7** in $CDCl_3$ at 300 K.

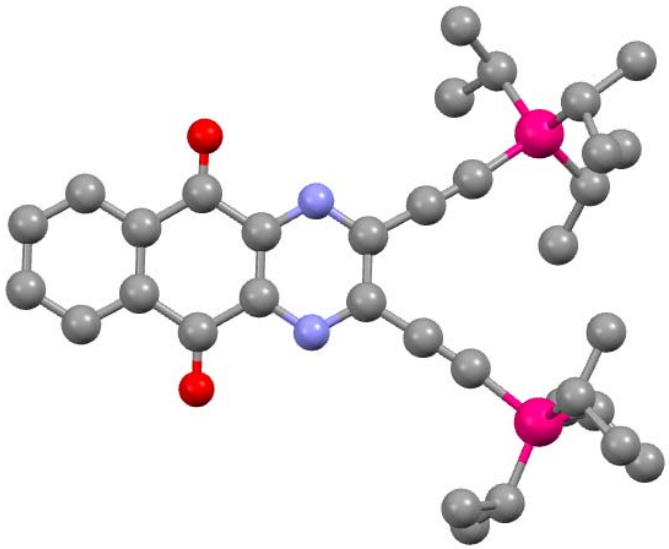
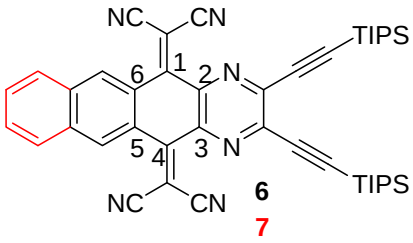


Figure S9 Single crystal structure of **4**.



Scheme S1 Angle α is calculated as the average of the dihedral angles C2-C1-C4-C5 and C3-C4-C1-C6.