

SUPPLEMENTARY MATERIAL**Simultaneous Observation of Triplet and Singlet Cyclopentane-1,3-diyl
Diradicals in the Intersystem Crossing Process**

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^1H and ^{13}C NMR spectra

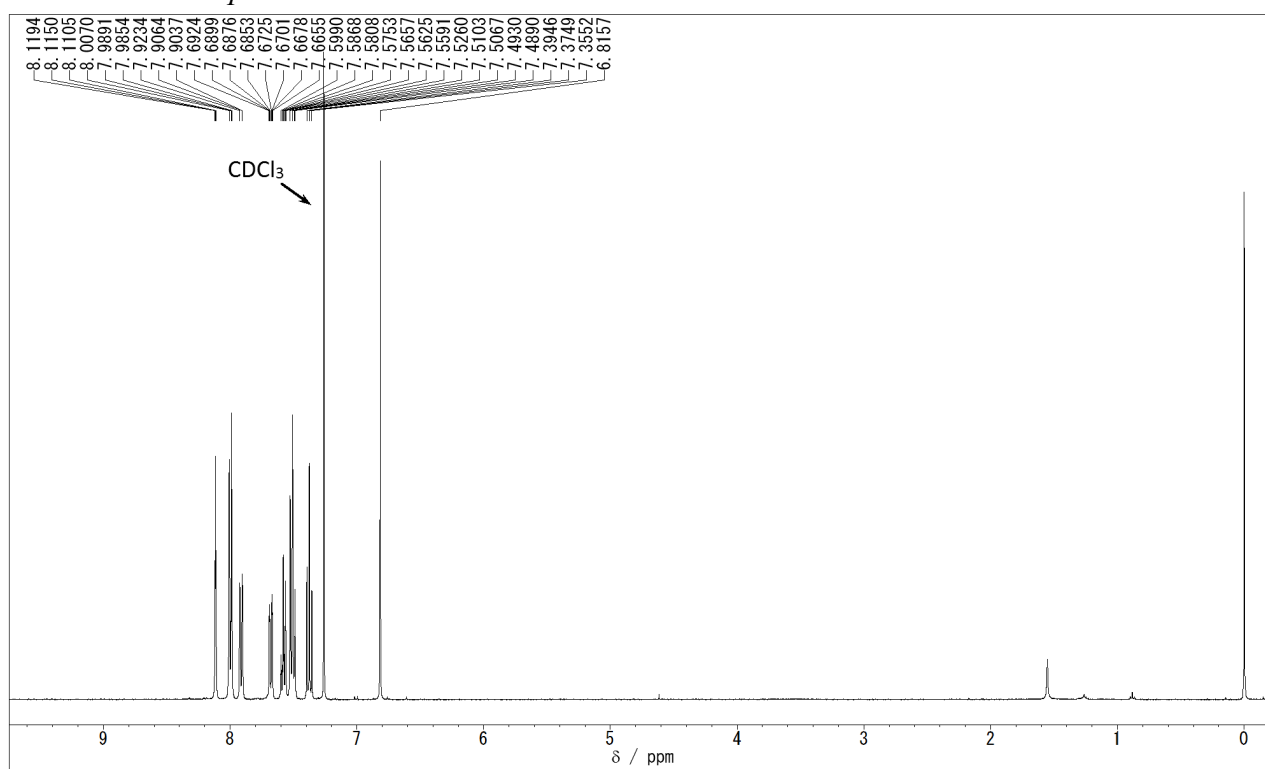


Figure S1. ^1H NMR spectrum of compound **3** (400 MHz, CDCl₃)

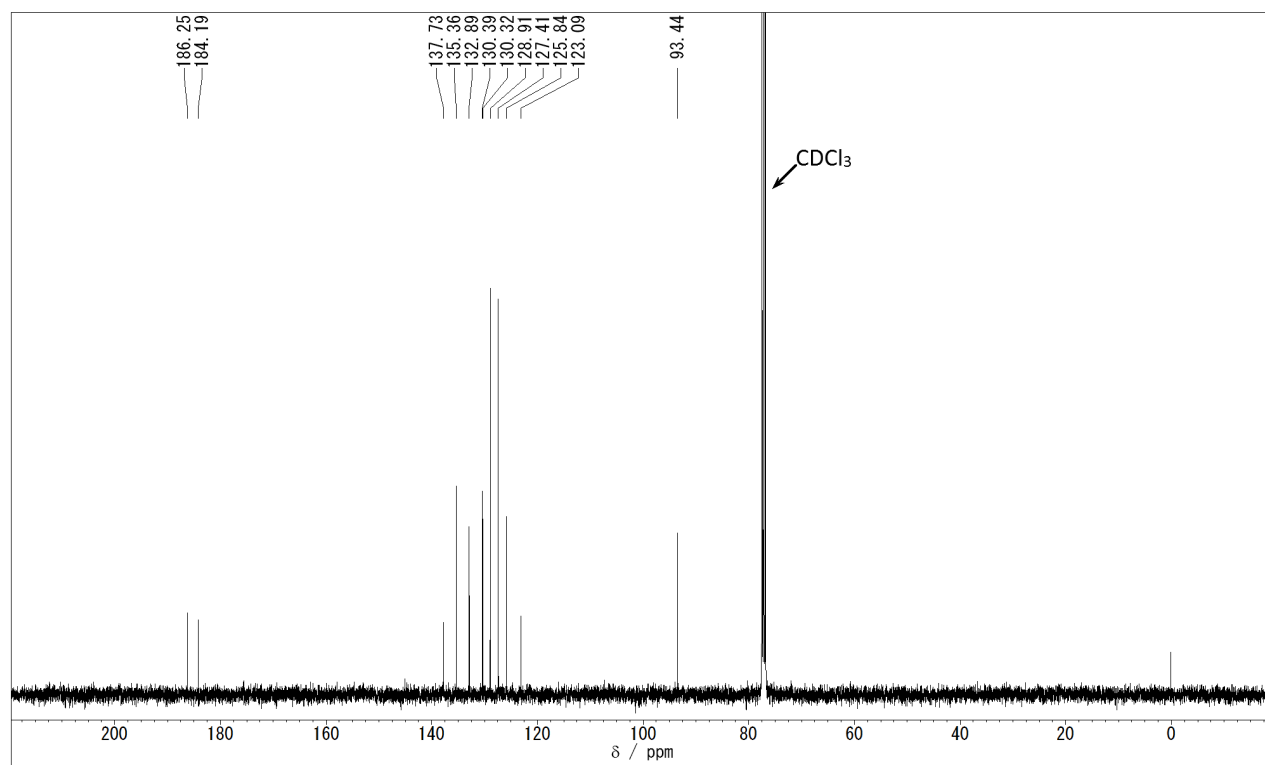


Figure S2. ^{13}C NMR spectrum of compound **3** (100 MHz, CDCl₃)

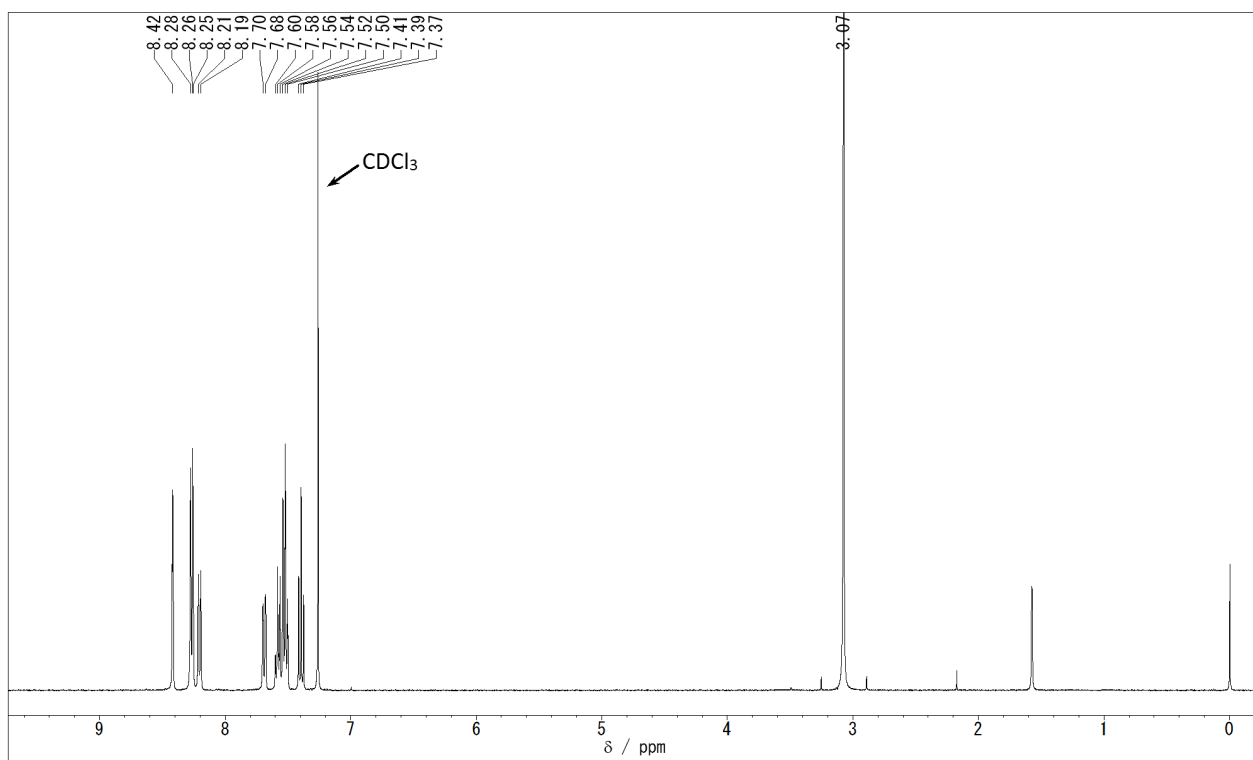


Figure S3. ^1H NMR spectrum of compound **5** (400 MHz, CDCl_3)

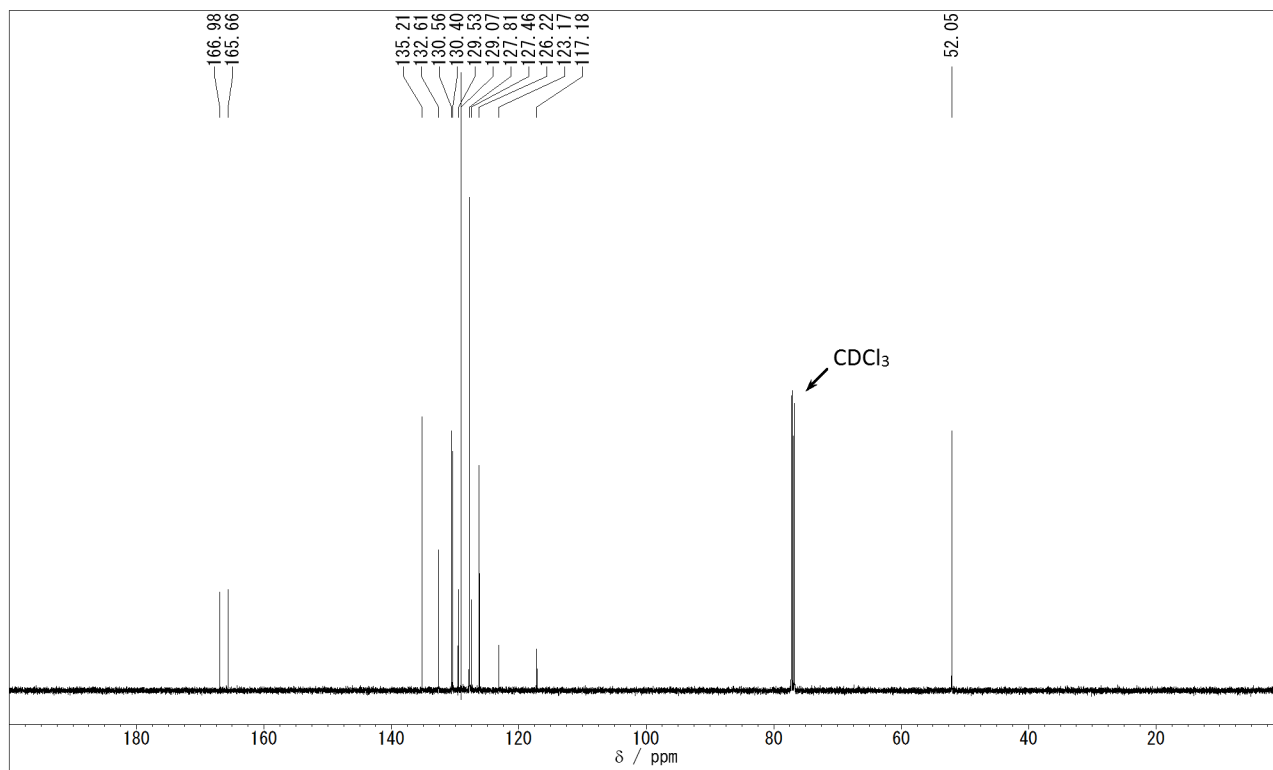


Figure S4. ^{13}C NMR spectrum of compound **5** (100 MHz, CDCl_3)

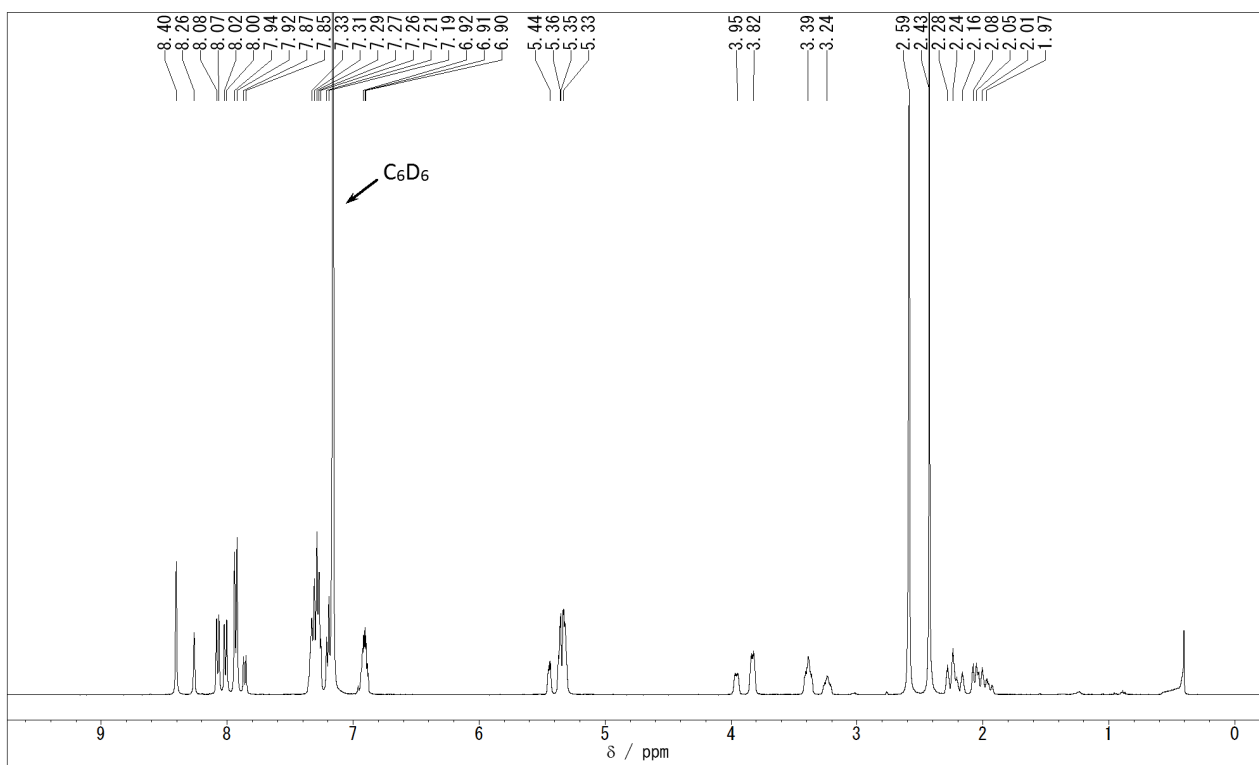


Figure S5. ¹H NMR spectrum of compound 6 (400 MHz, C₆D₆)

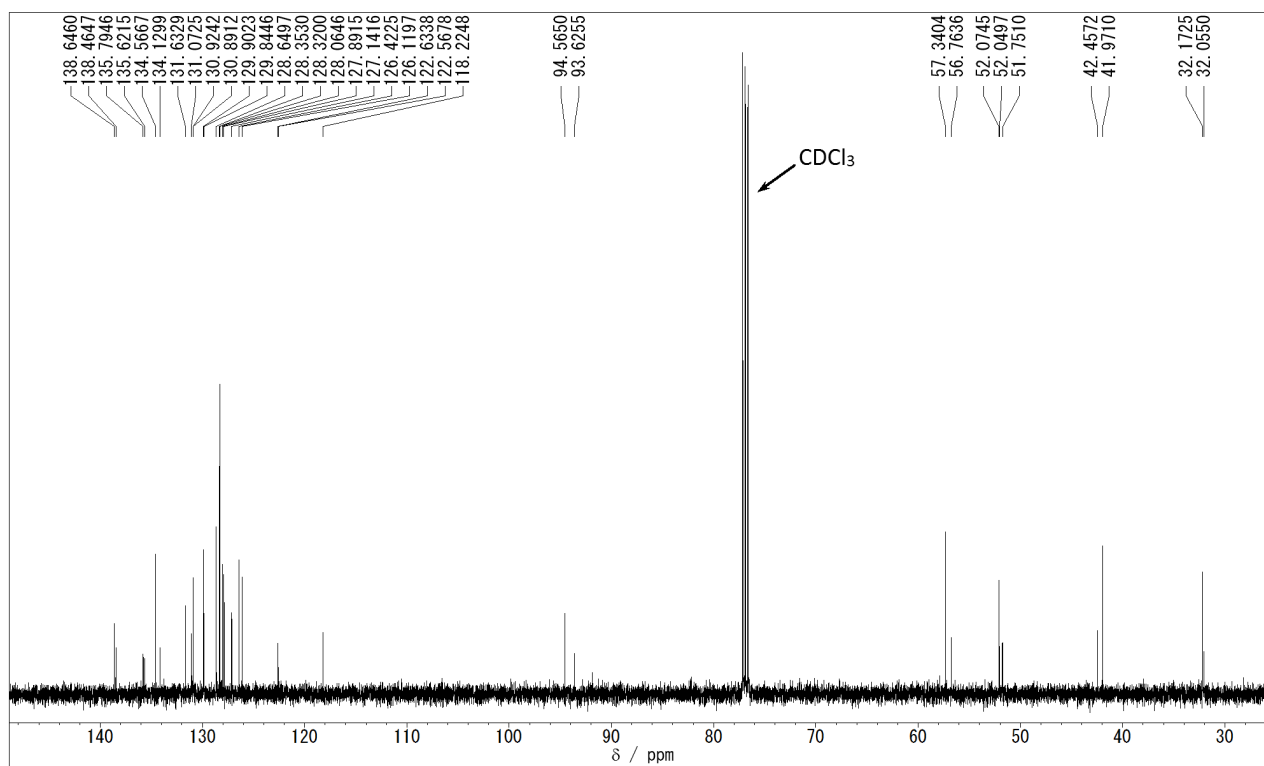


Figure S6. ¹³C NMR spectrum of compound 6 (100 MHz, CDCl₃)

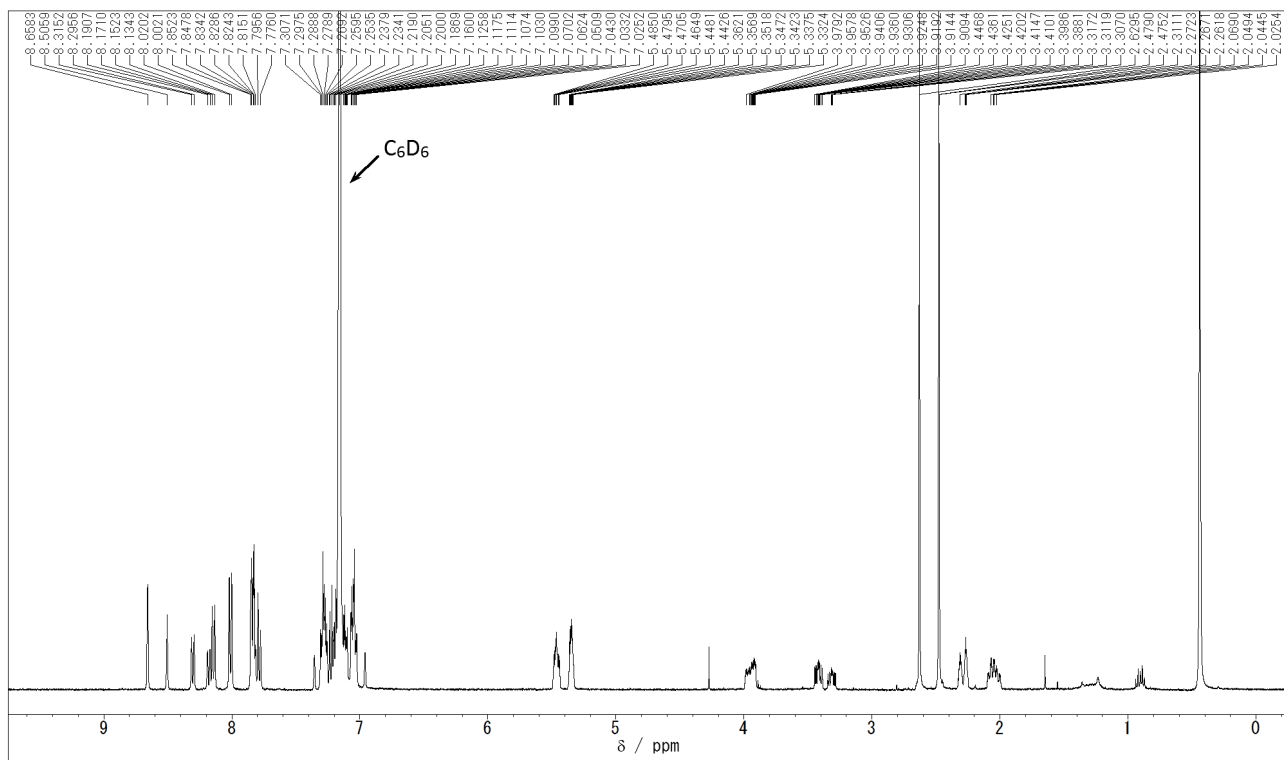


Figure S7. ^1H NMR spectrum of **AZ3'** (400 MHz, C_6D_6)

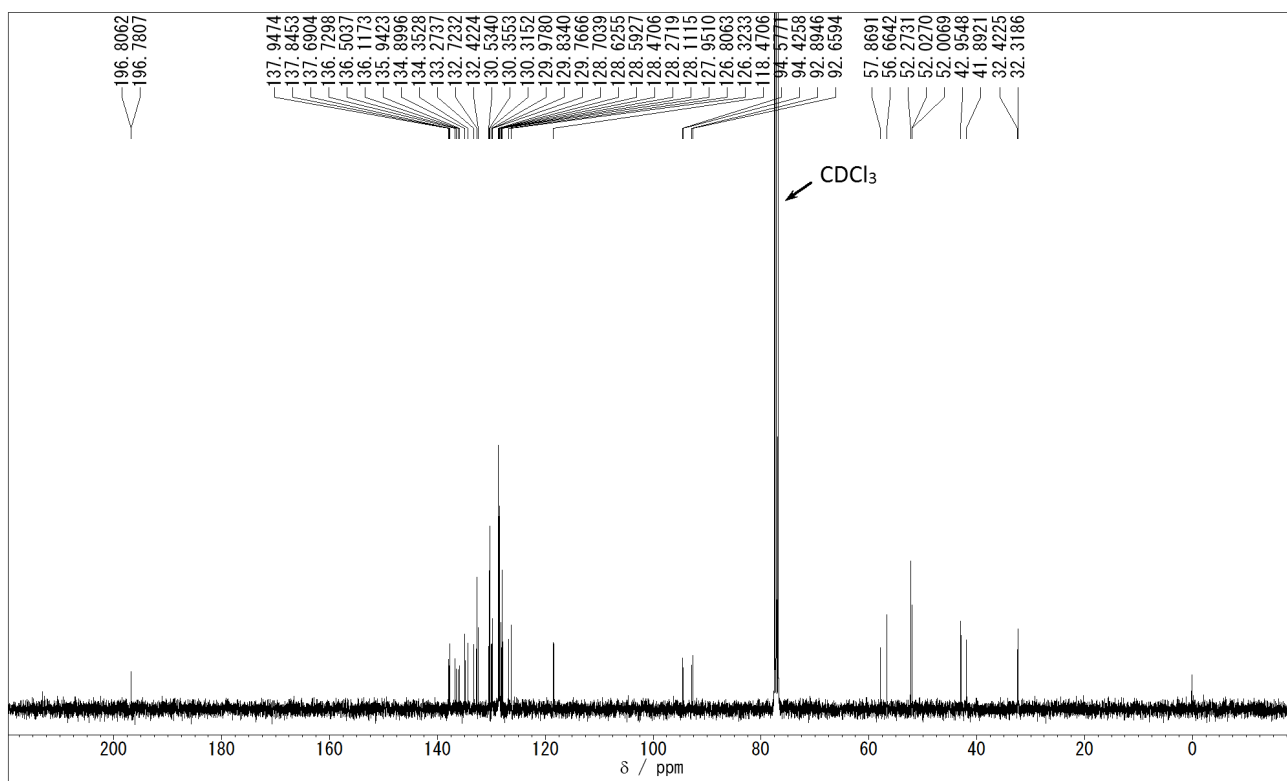


Figure S8. ^{13}C NMR spectrum of **AZ3'** (100 MHz, CDCl_3)

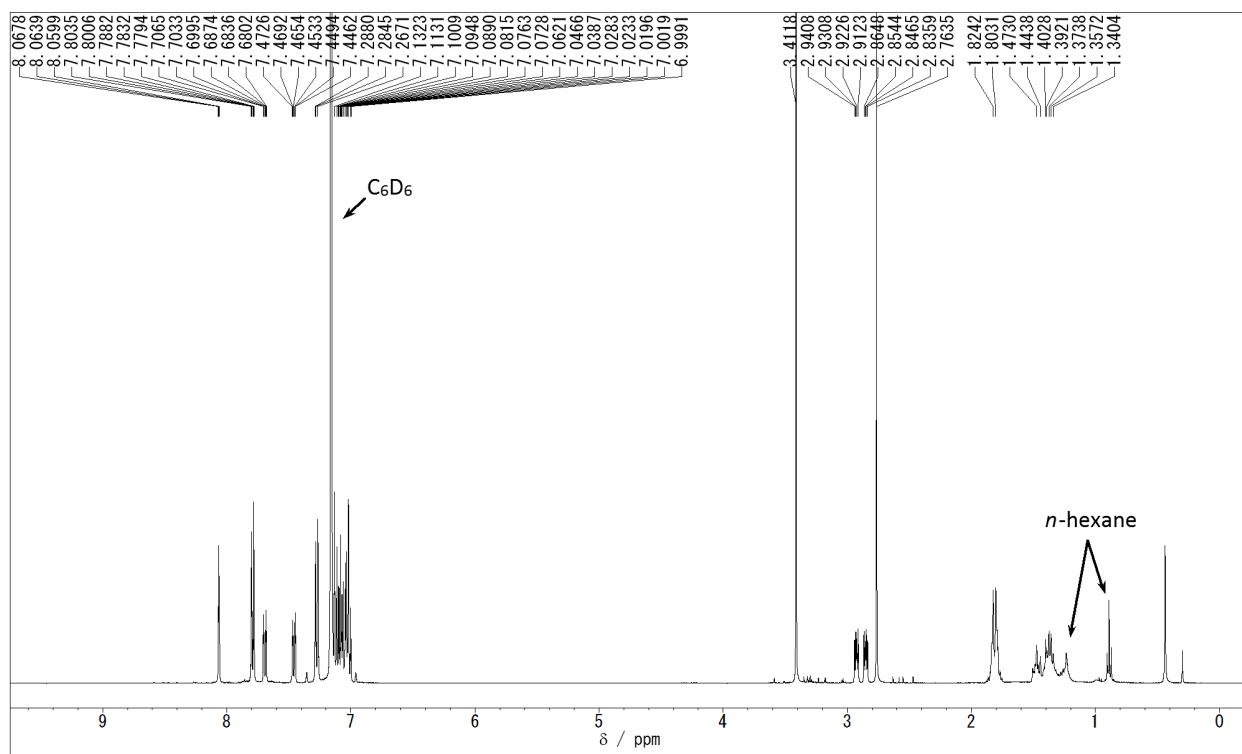


Figure S11. ^1H NMR spectrum of CP3 (400 MHz, C_6D_6)

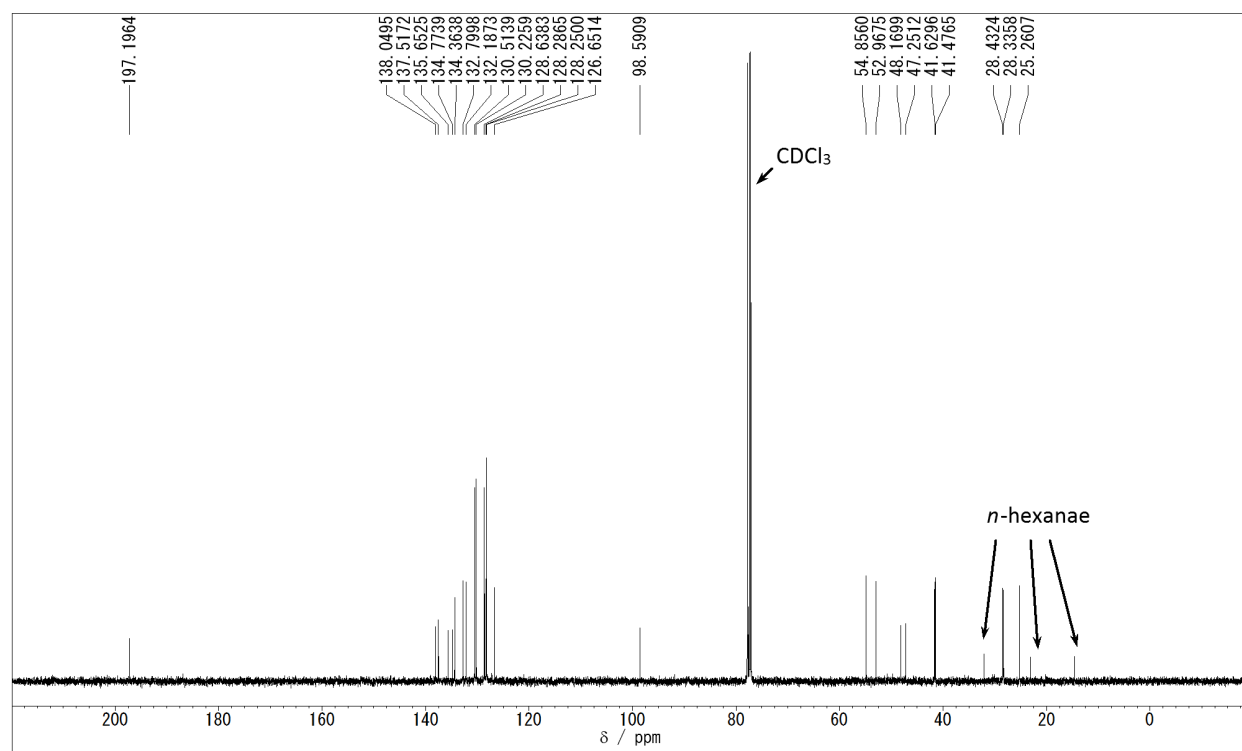
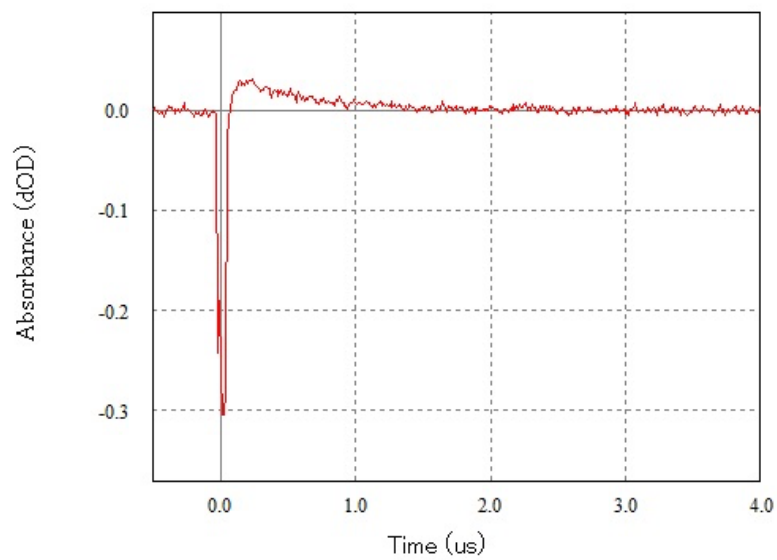


Figure S12. ^{13}C NMR spectrum of CP3 (100 MHz, CDCl_3)

Time Profile at 420 nm in Figure 2a.



Time profile at 420 nm in Figure 3a

