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Electronic Supplementary Information

Iodine-Mediated Synthesis of Benzo[*a*]fluorenones from Yne-enones

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COPIES OF ^{1}H AND ^{13}C NMR SPECTRA FOR ALL PRODUCTS

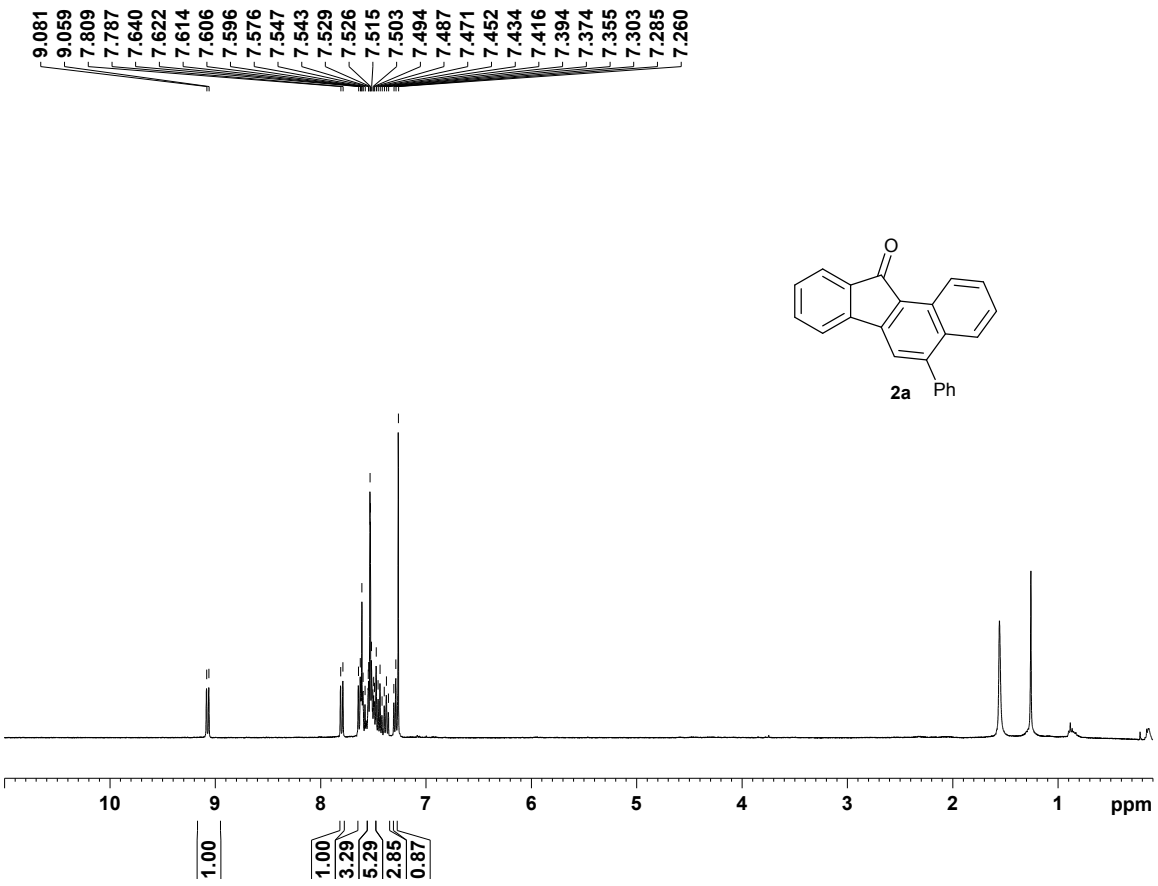


Figure 1: ^{1}H NMR (400 MHz, $CDCl_3$) spectrum of **2a**

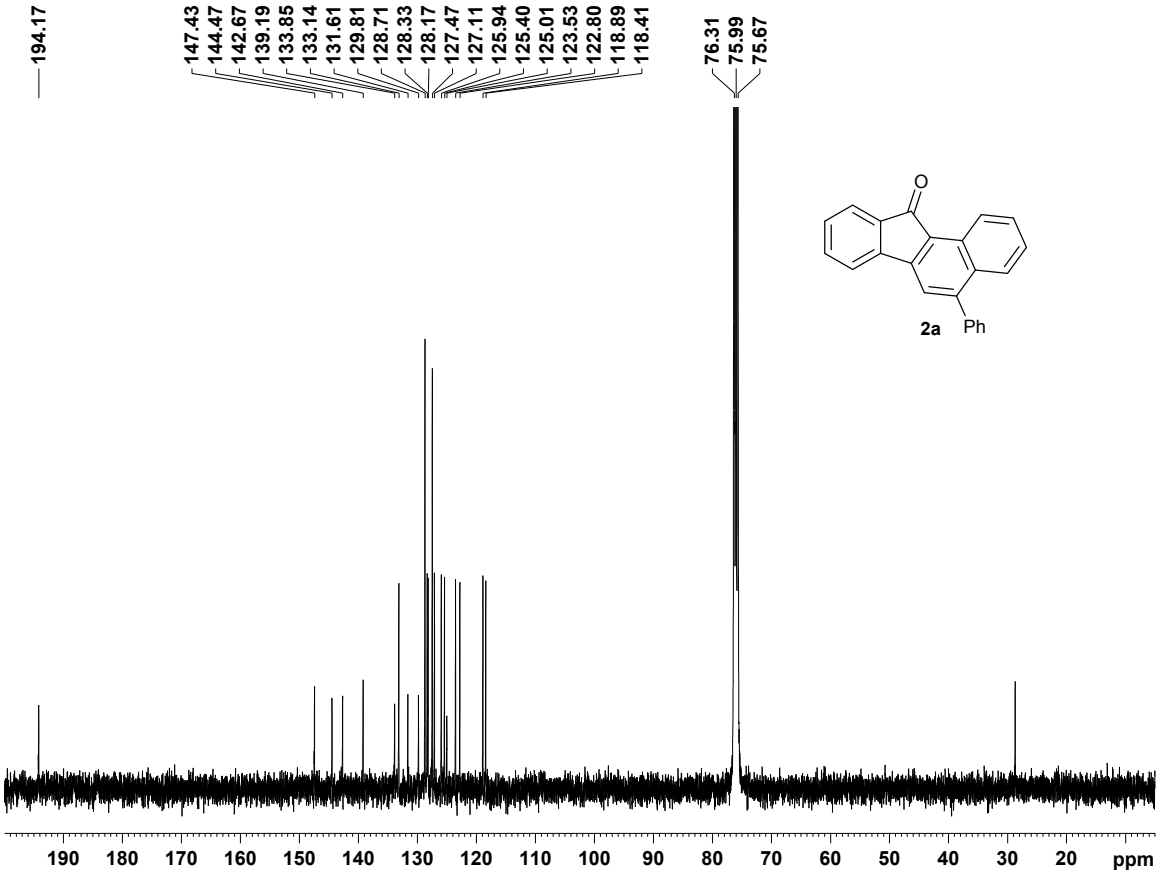
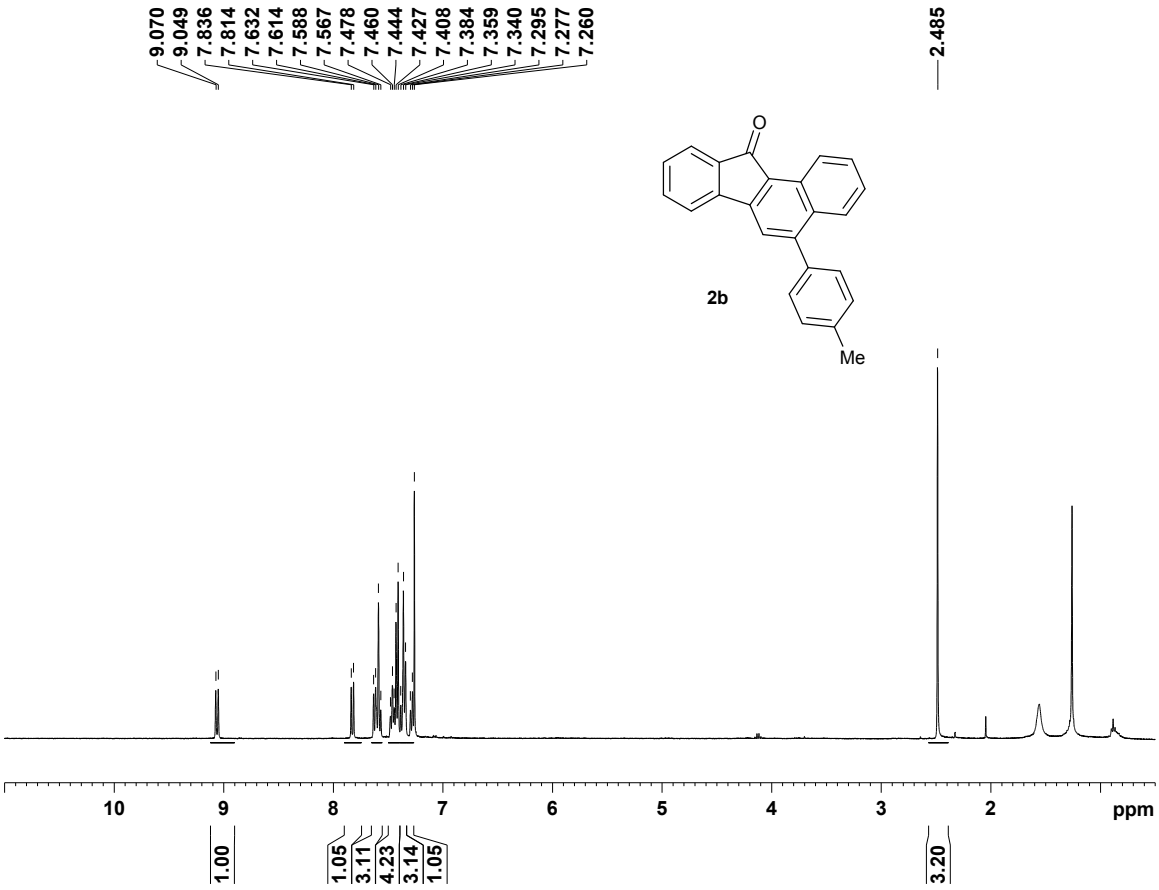


Figure 2: ^{13}C NMR (100 MHz, $CDCl_3$) spectrum of **2a**



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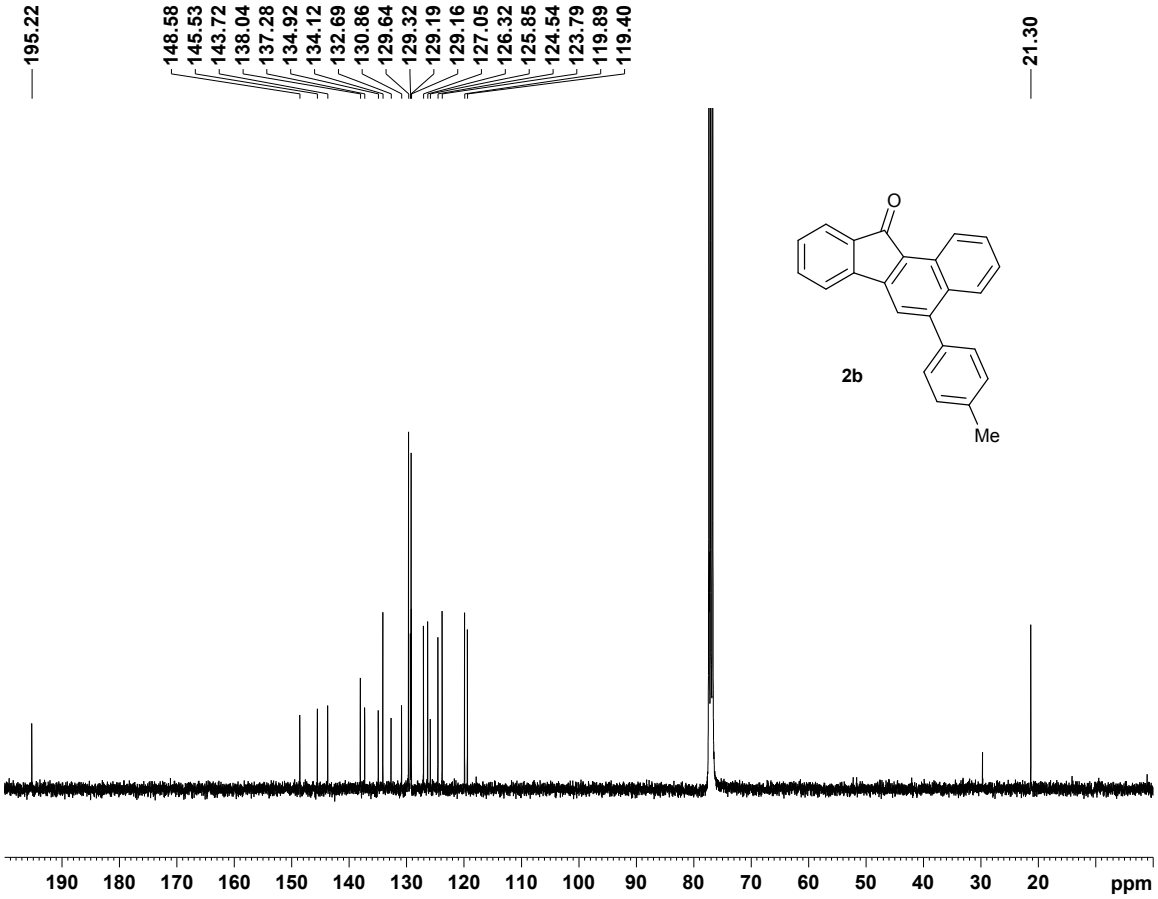


Figure 4: ^{13}C NMR (100 MHz, $CDCl_3$) spectrum of **2b**

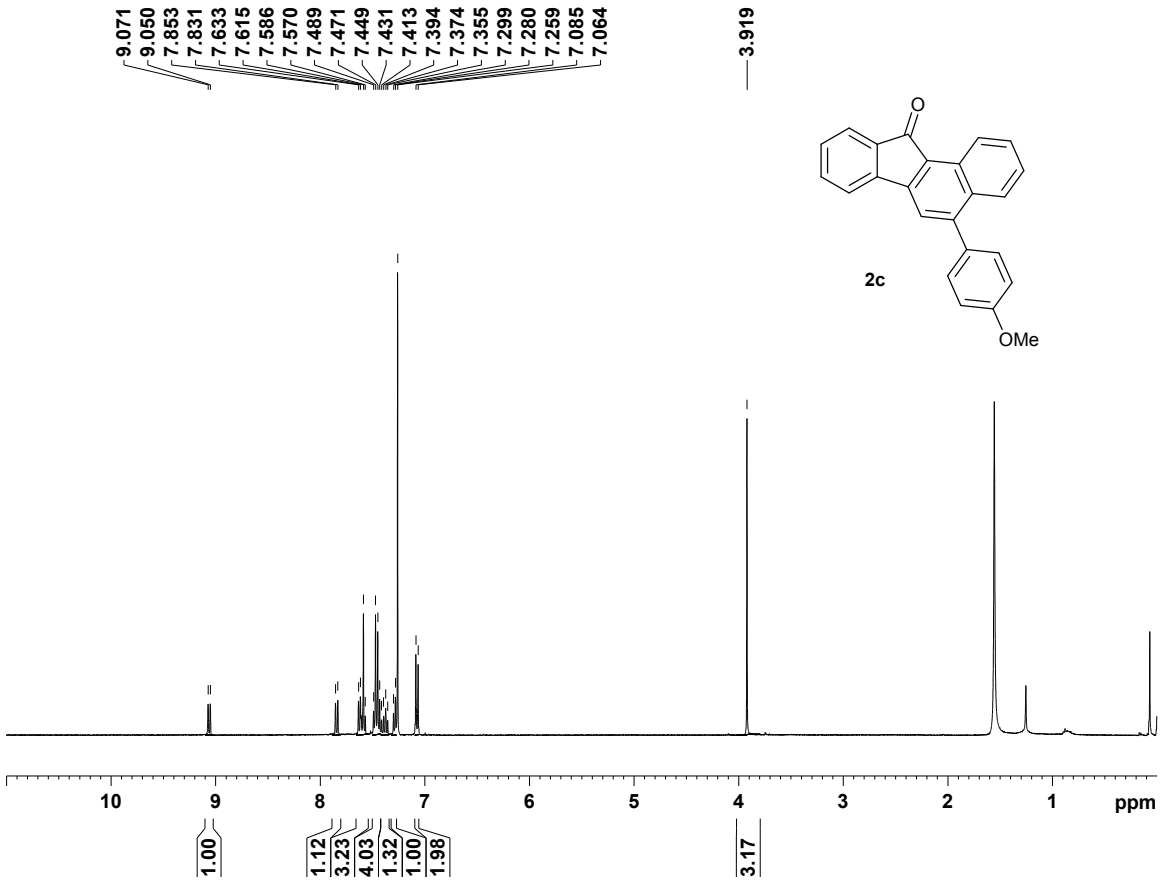


Figure 5: ^{1}H NMR (400 MHz, $CDCl_3$) spectrum of **2c**

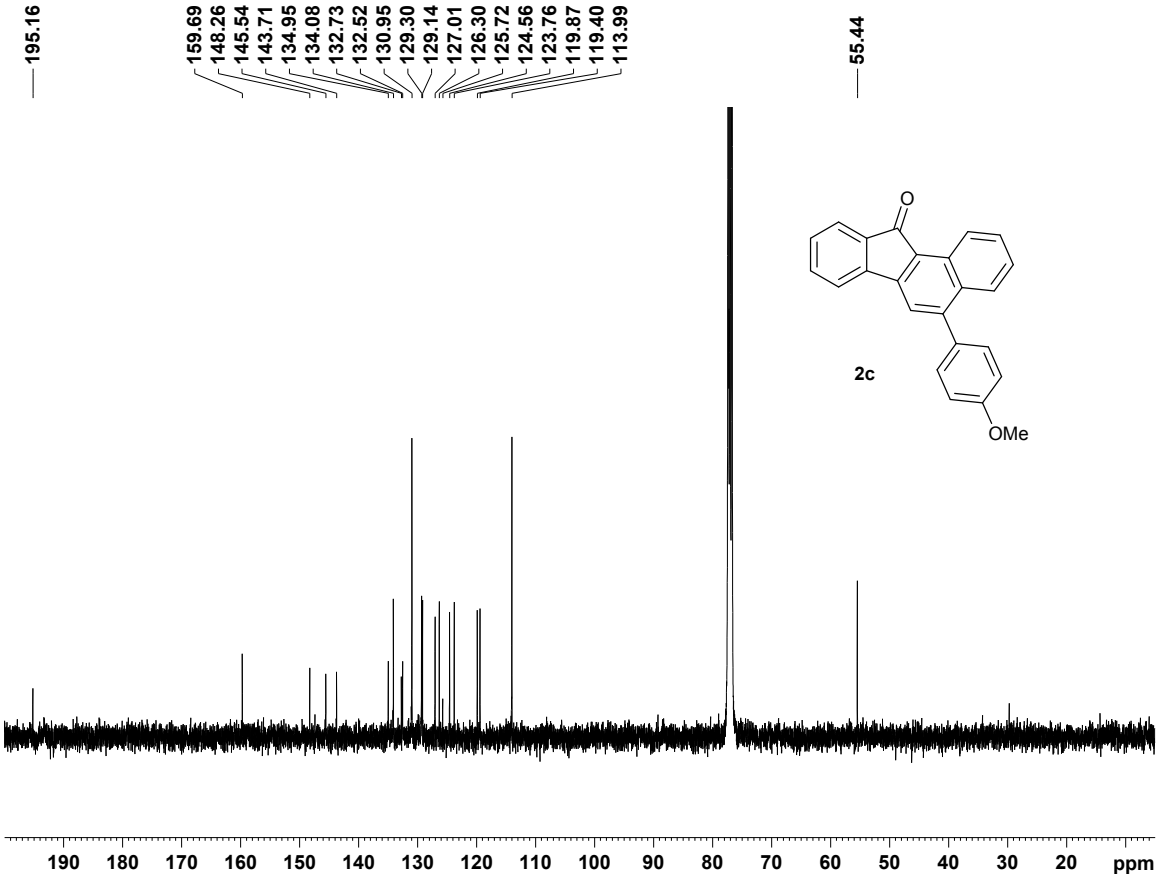
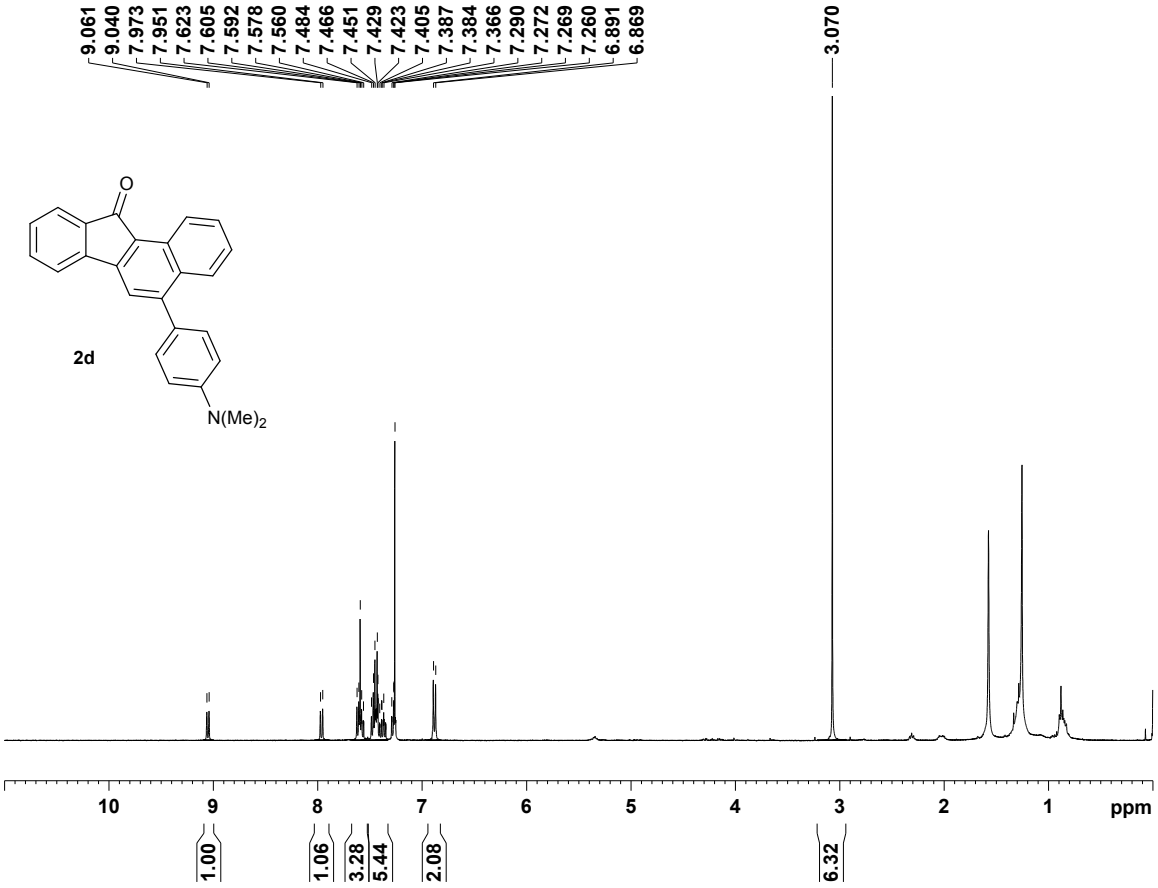


Figure 6: ^{13}C NMR (100 MHz, $CDCl_3$) spectrum of **2c**



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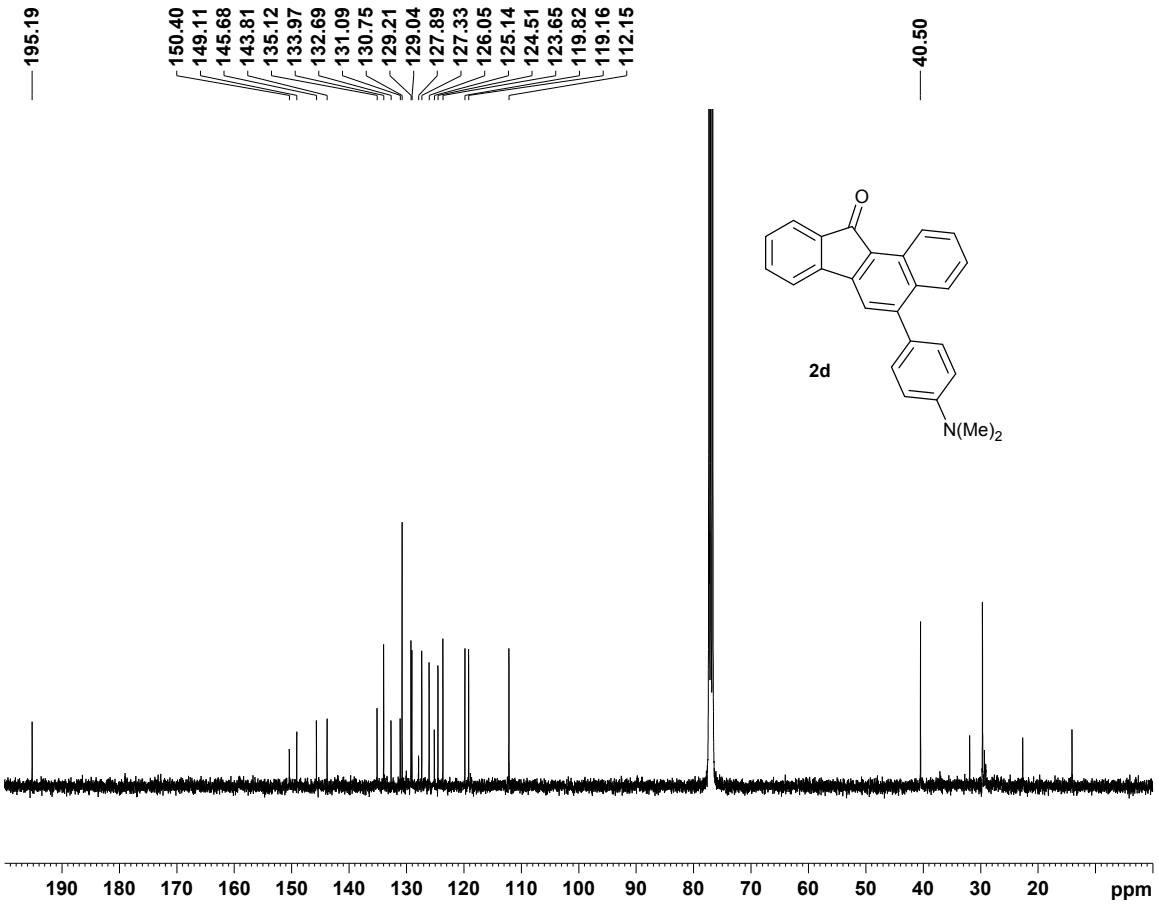


Figure 8: ^{13}C NMR (100 MHz, $CDCl_3$) spectrum of **2d**

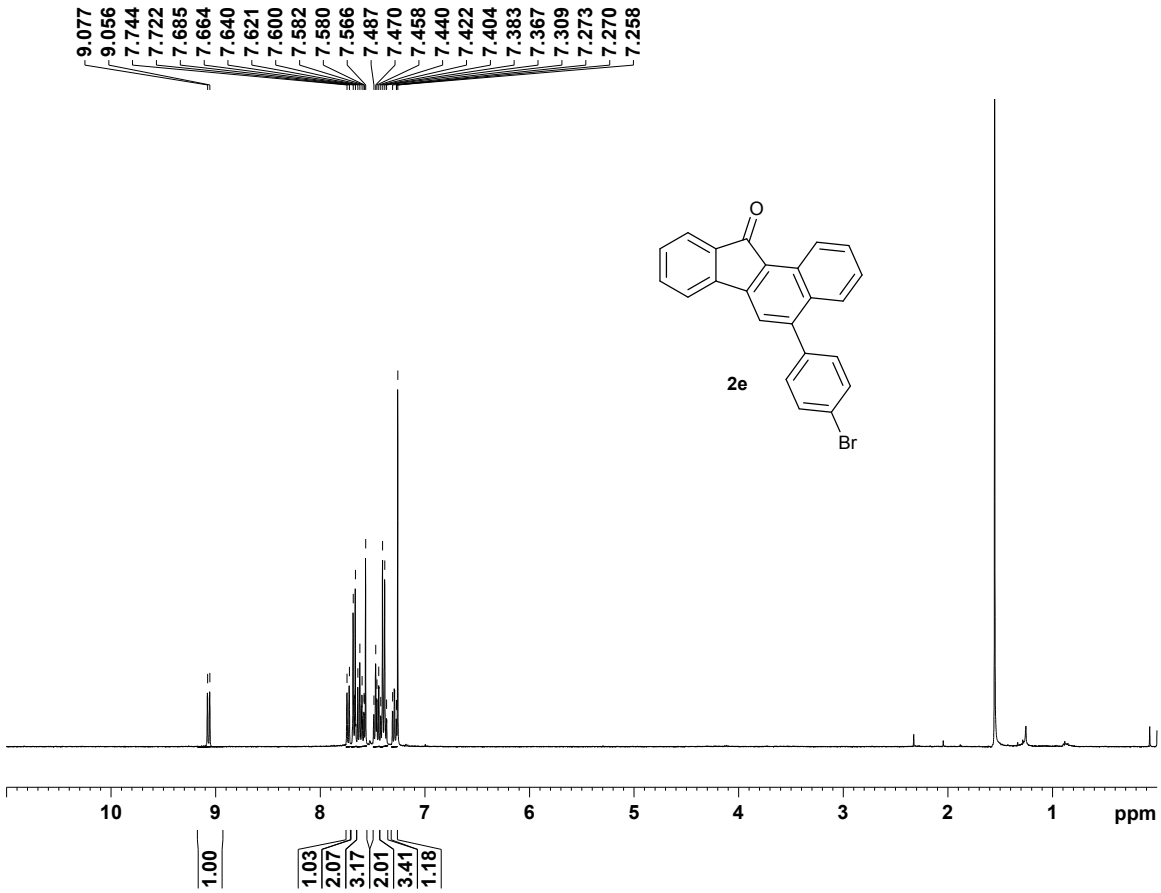
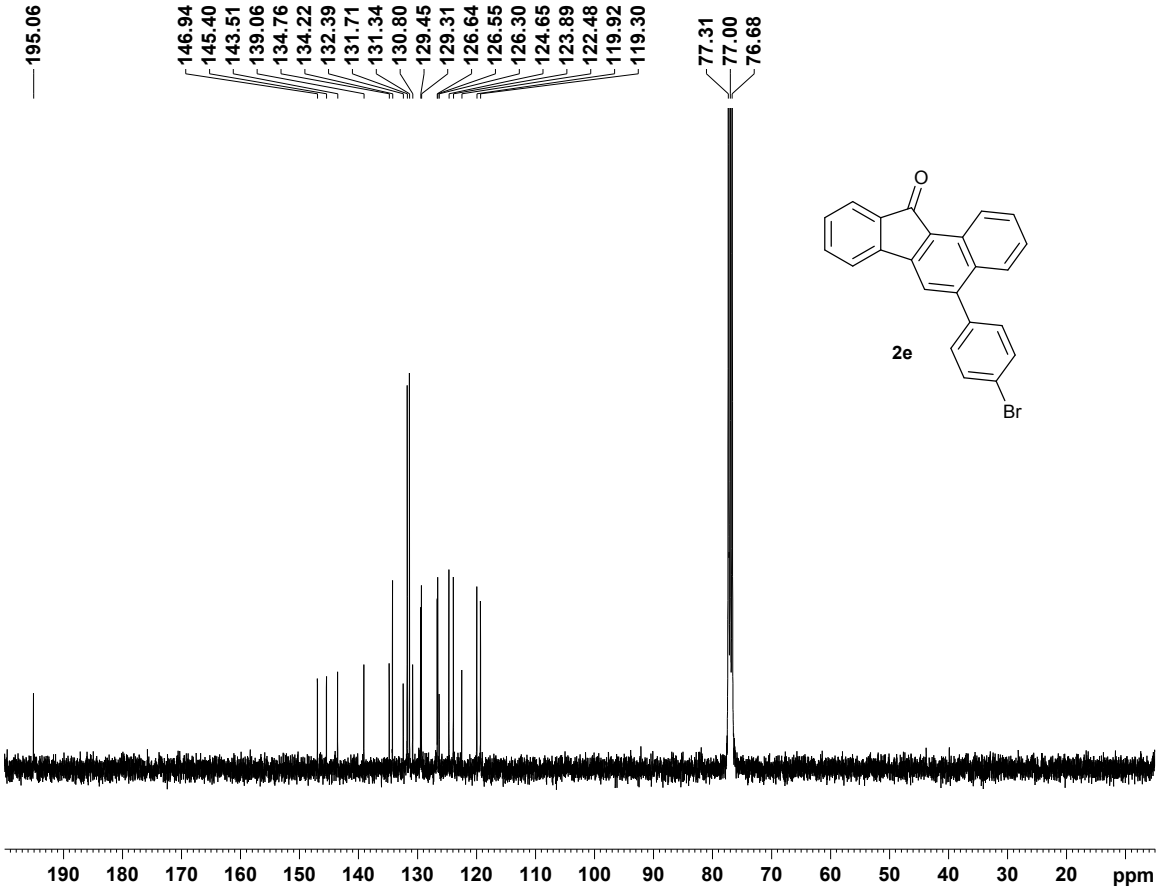


Figure 9: ^{1}H NMR (400 MHz, $CDCl_3$) spectrum of **2e**



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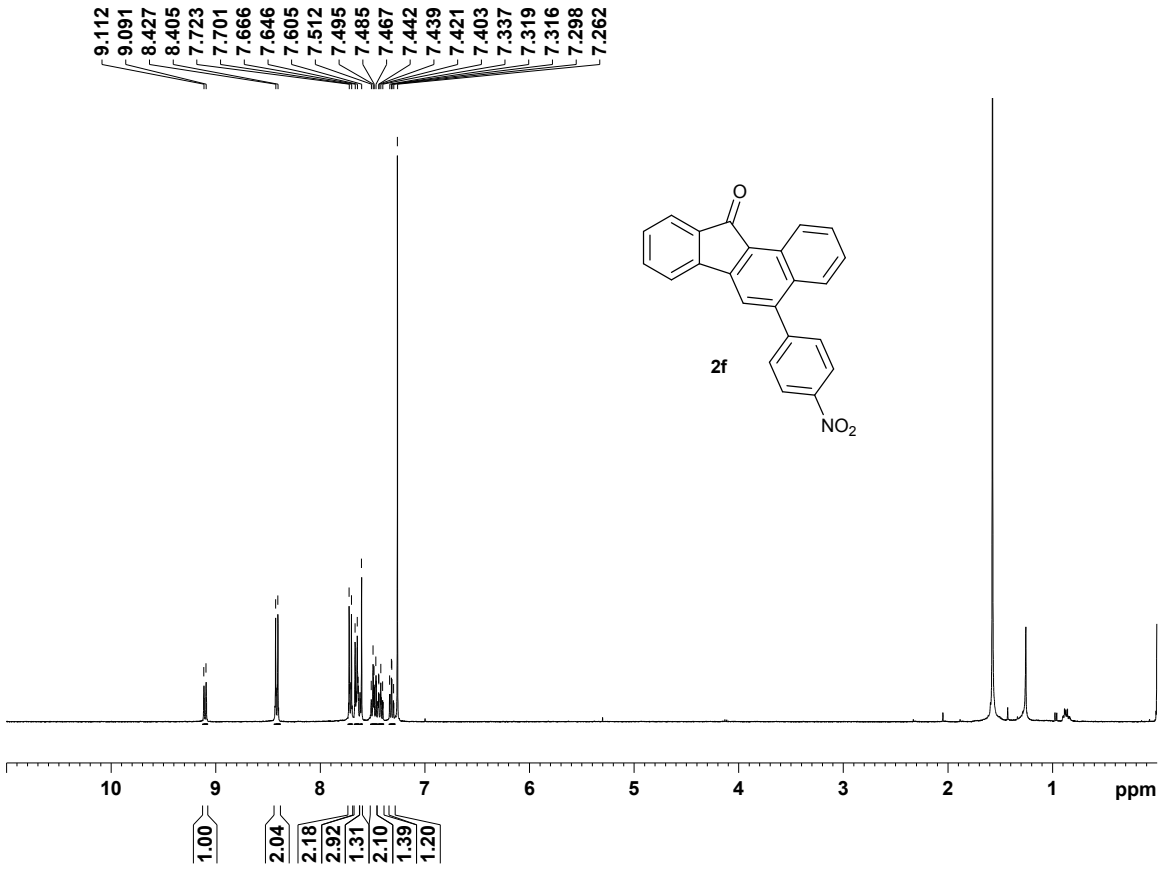

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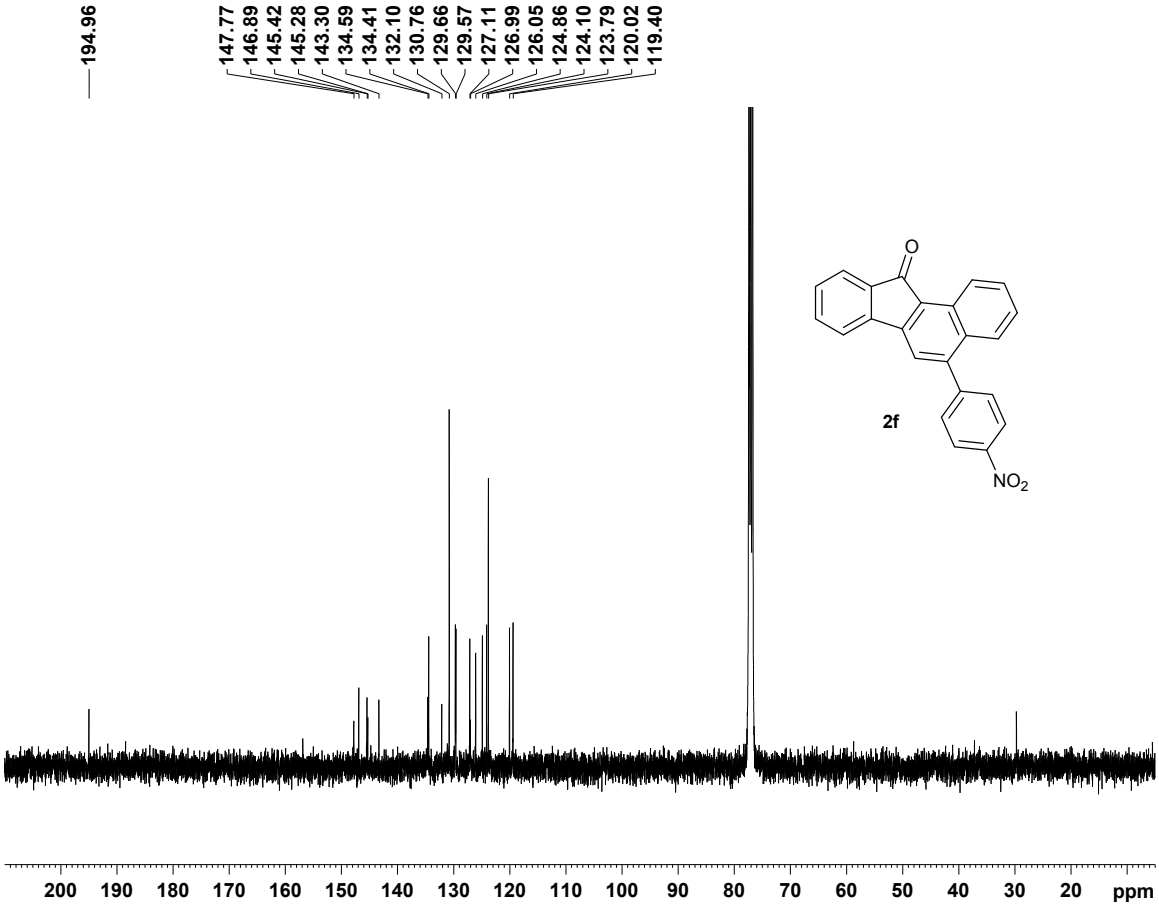

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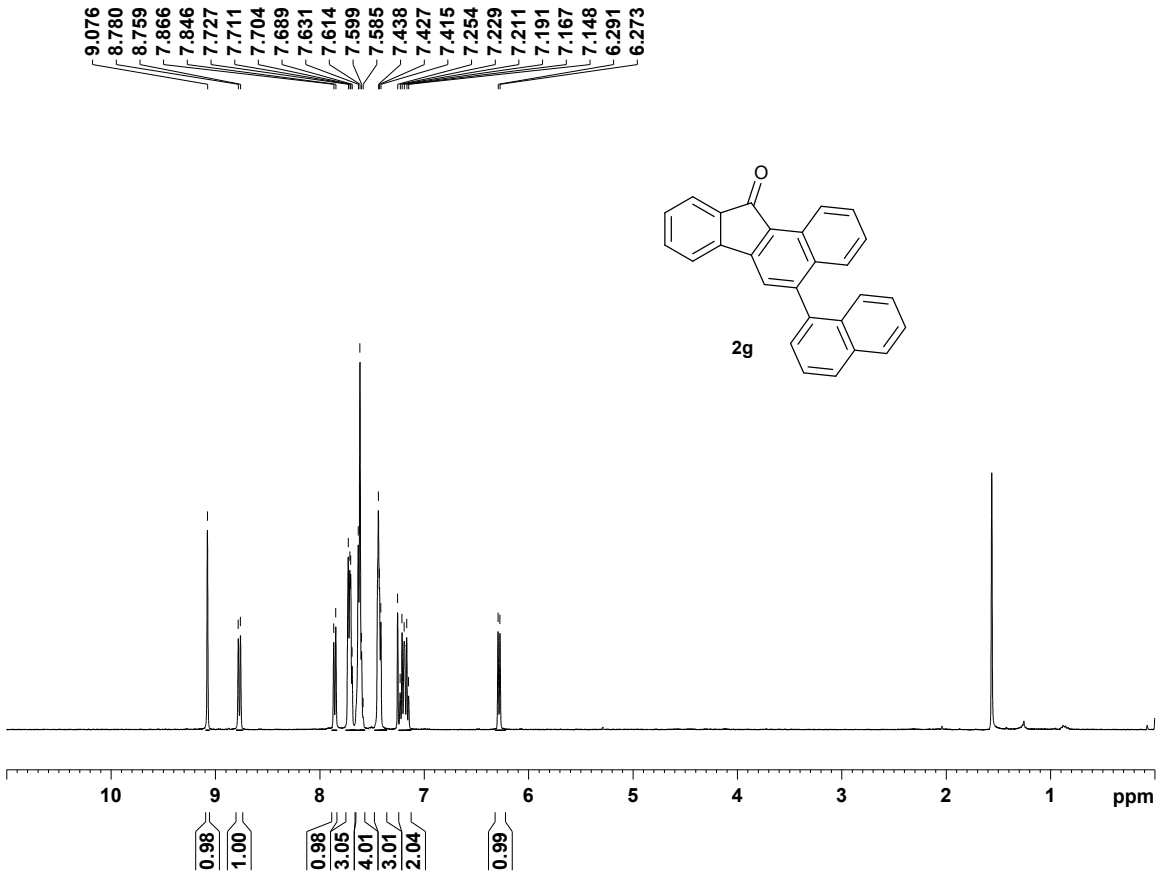

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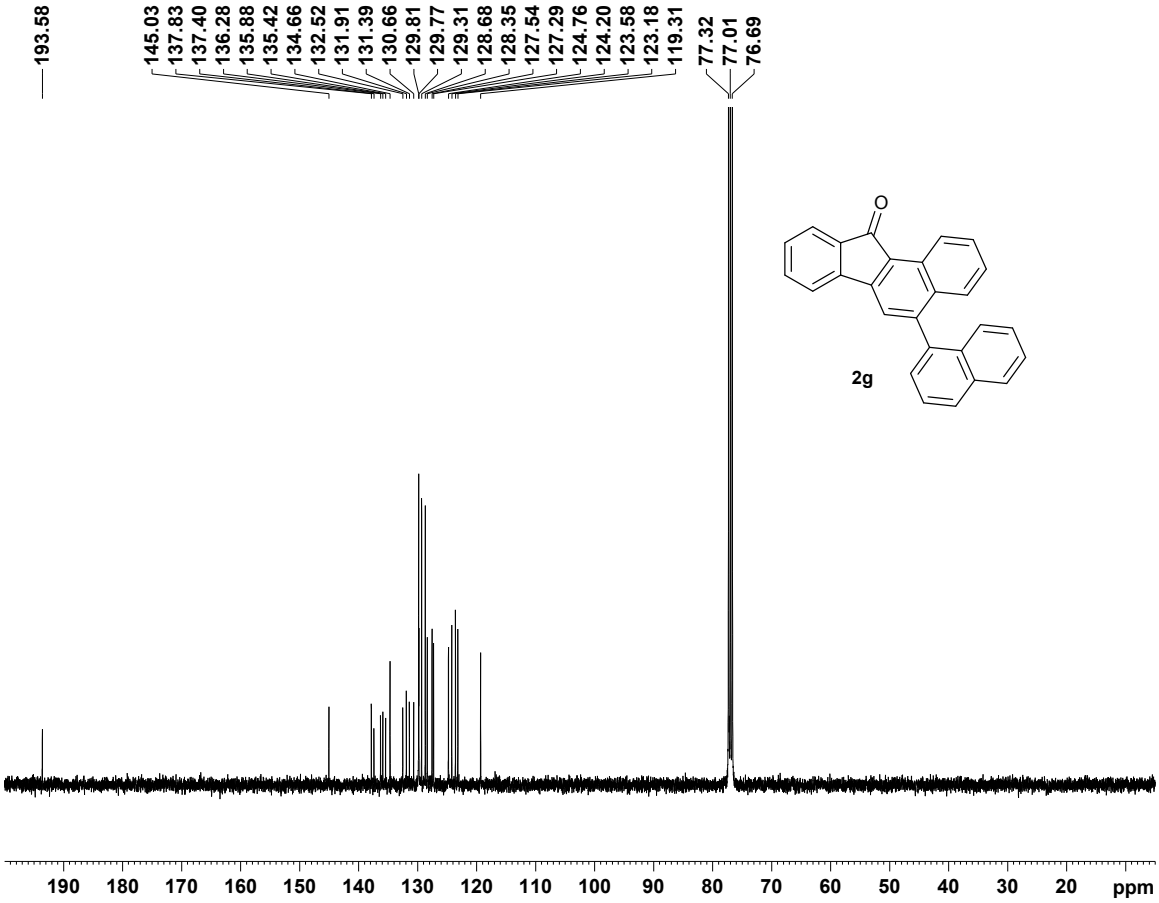
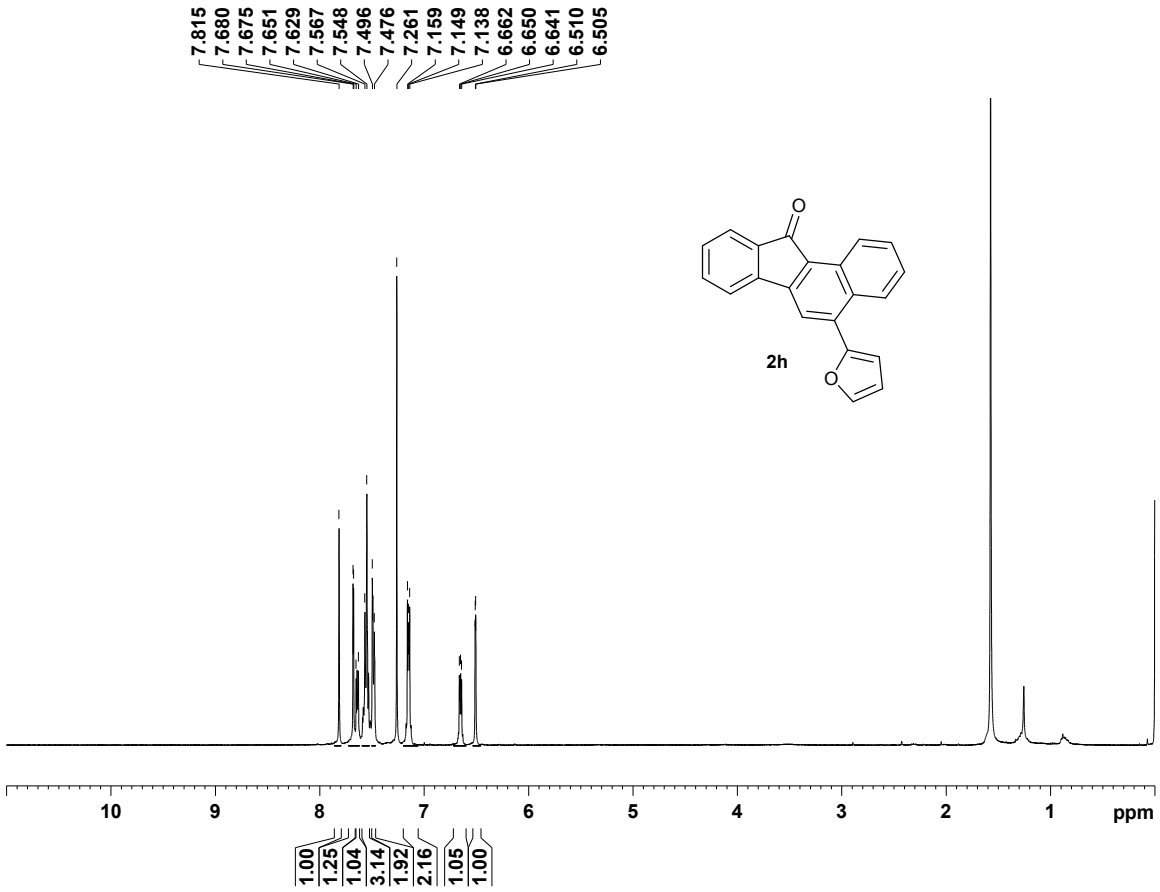


Figure 14: ^{13}C NMR (100 MHz, $CDCl_3$) spectrum of **2g**



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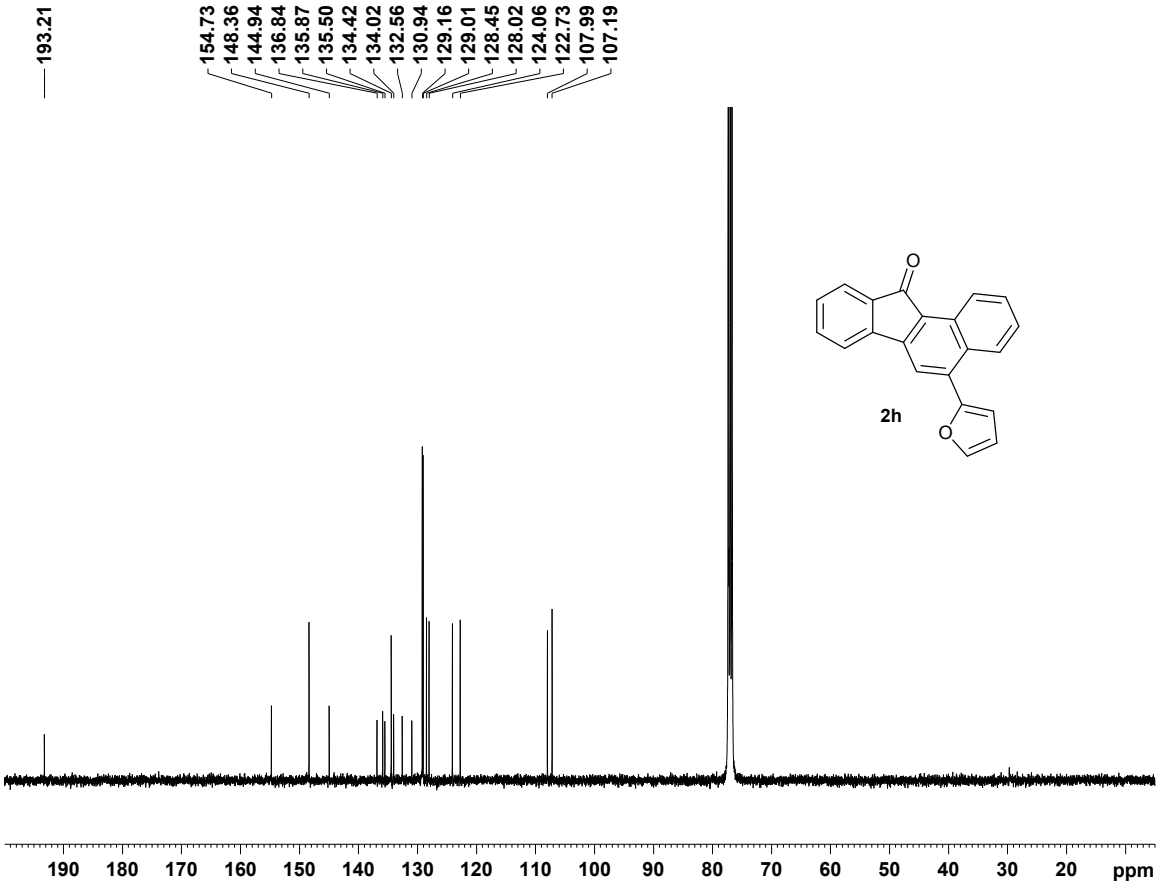

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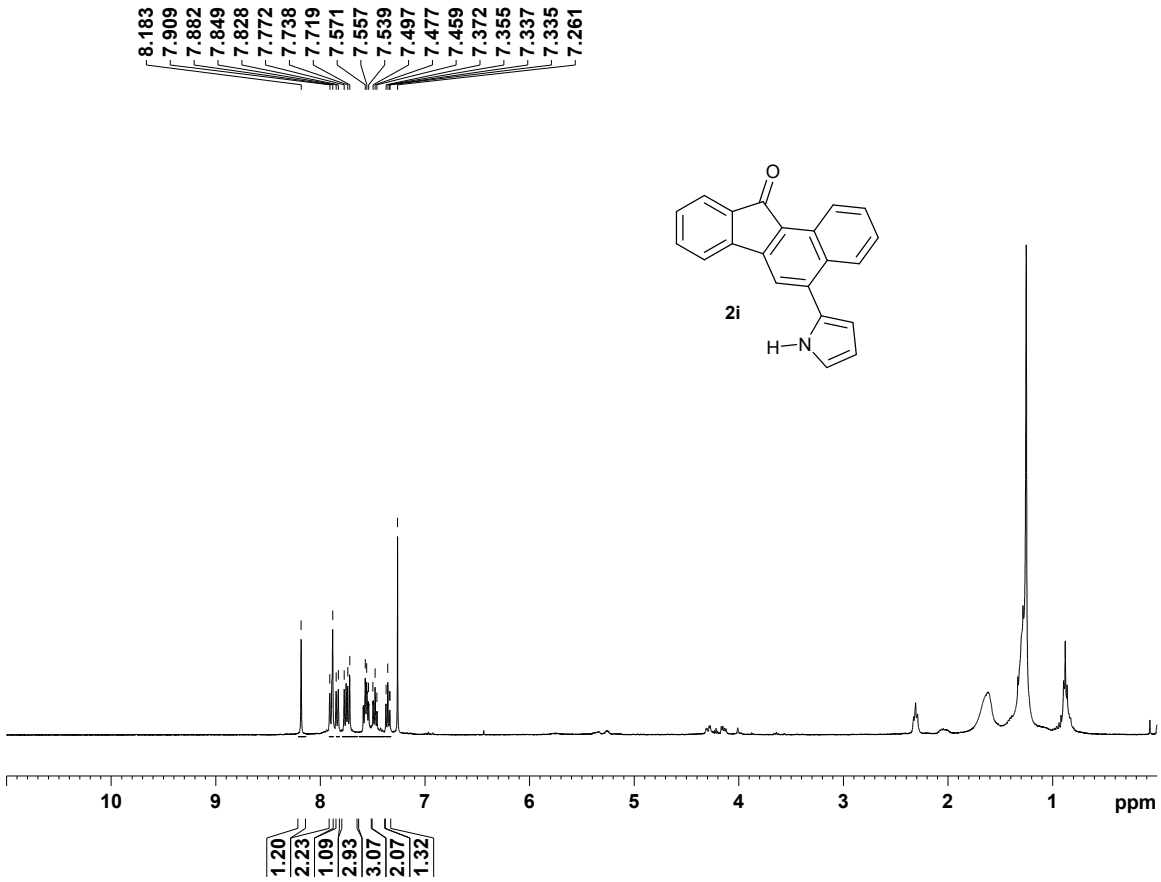

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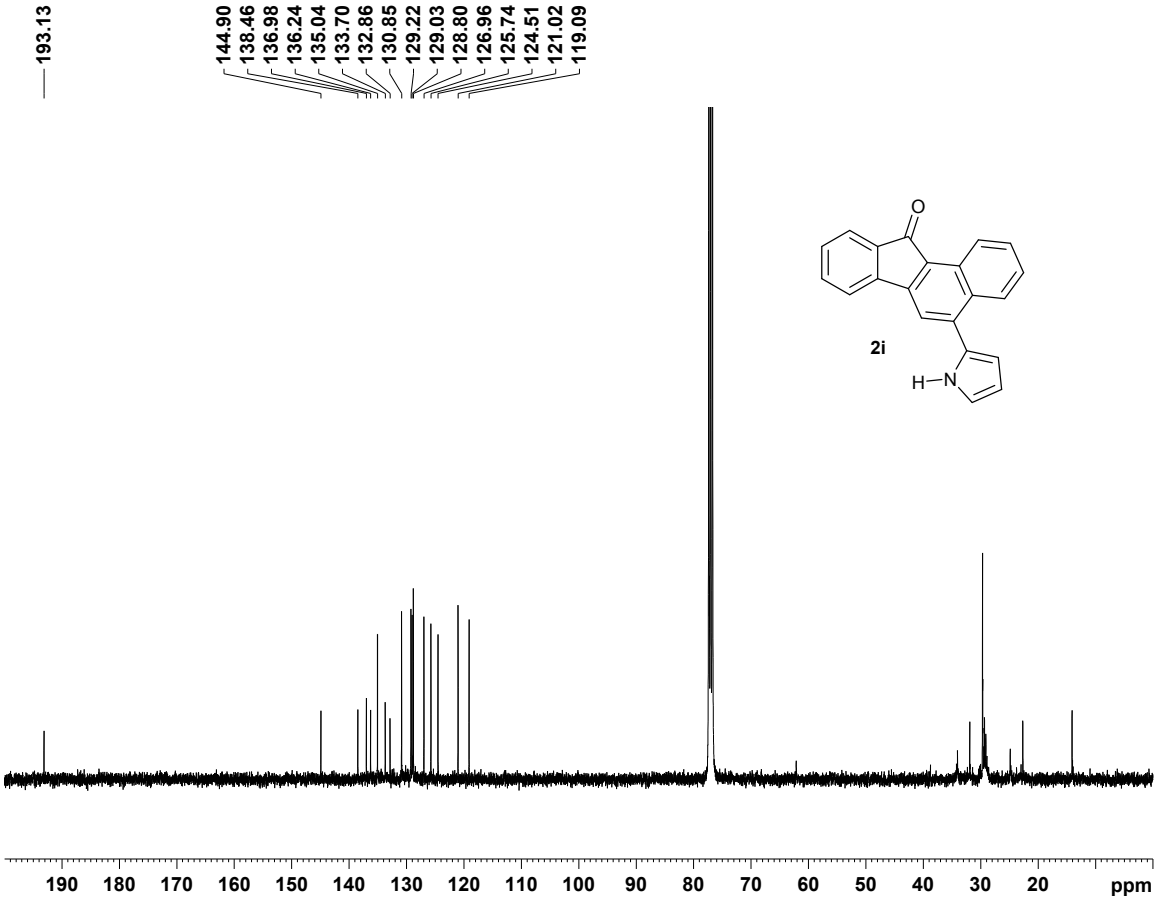

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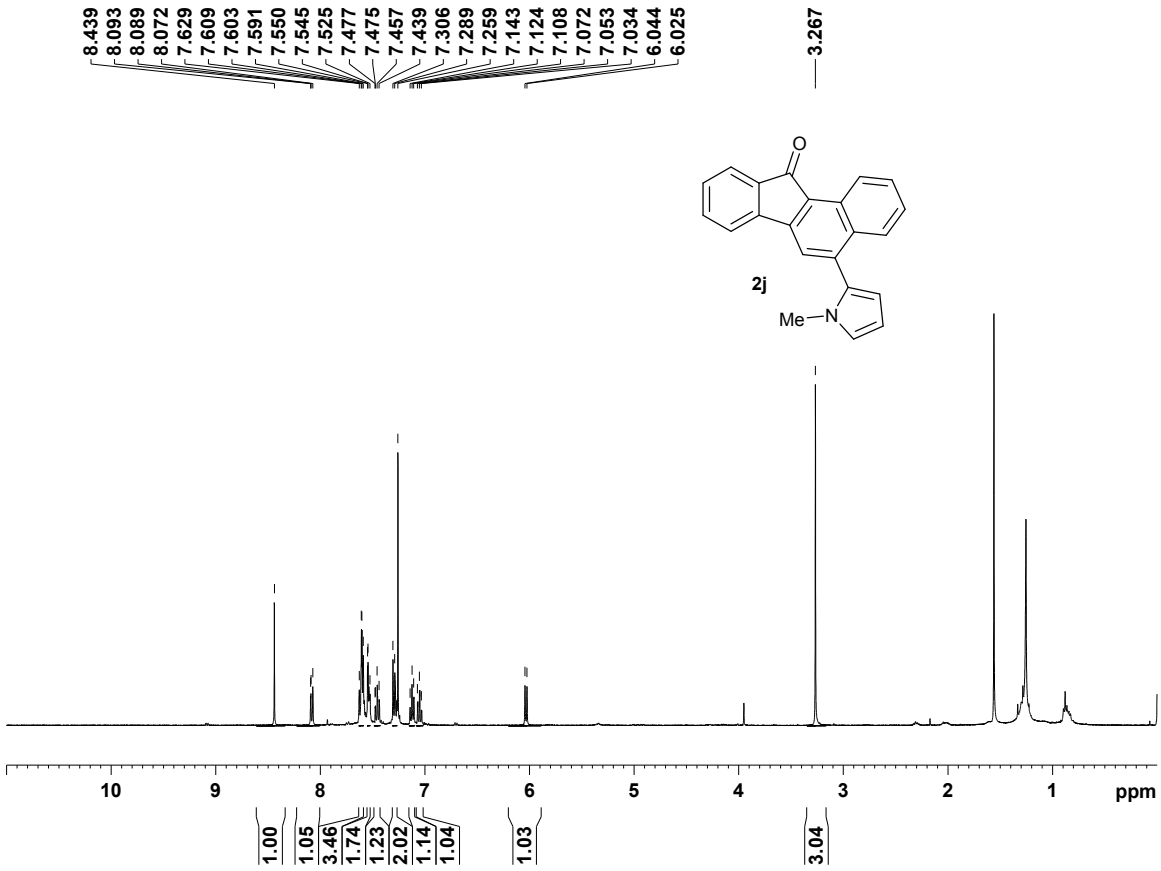

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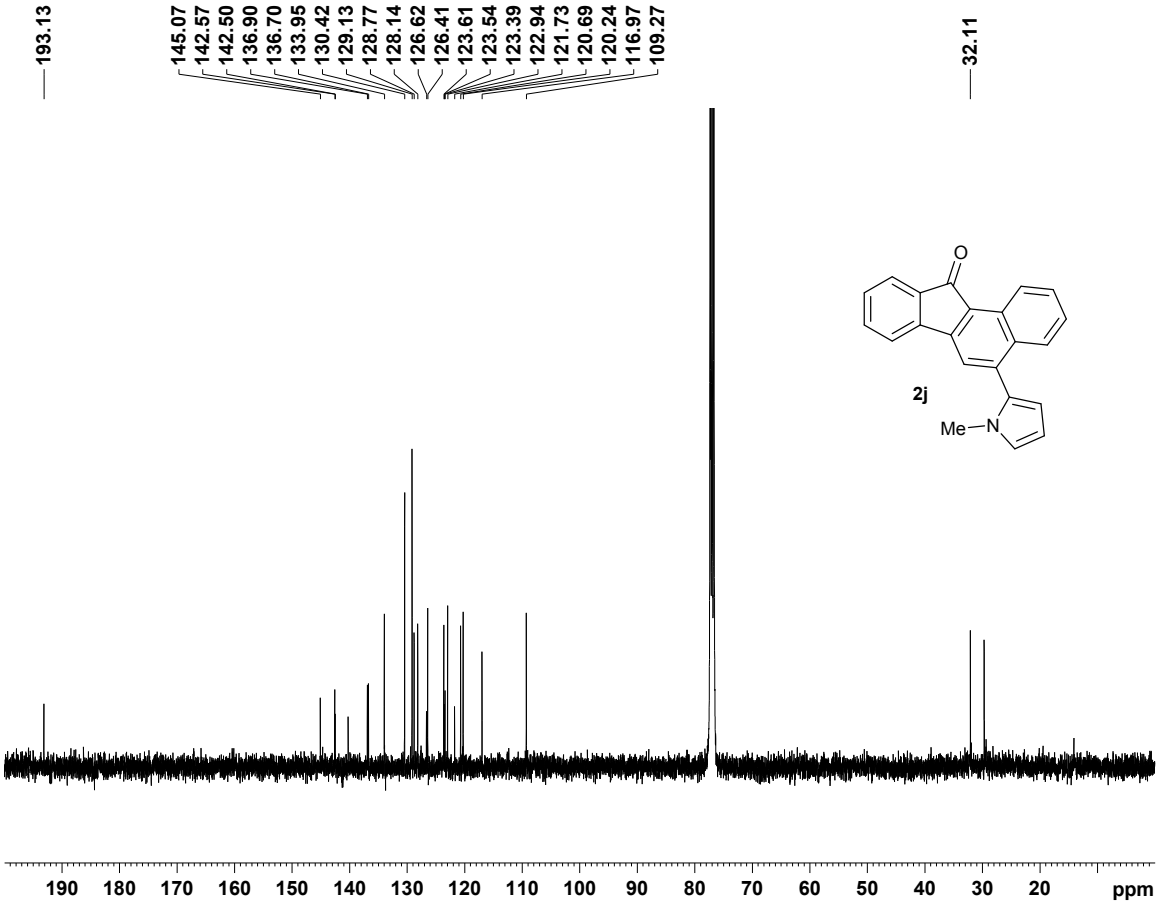

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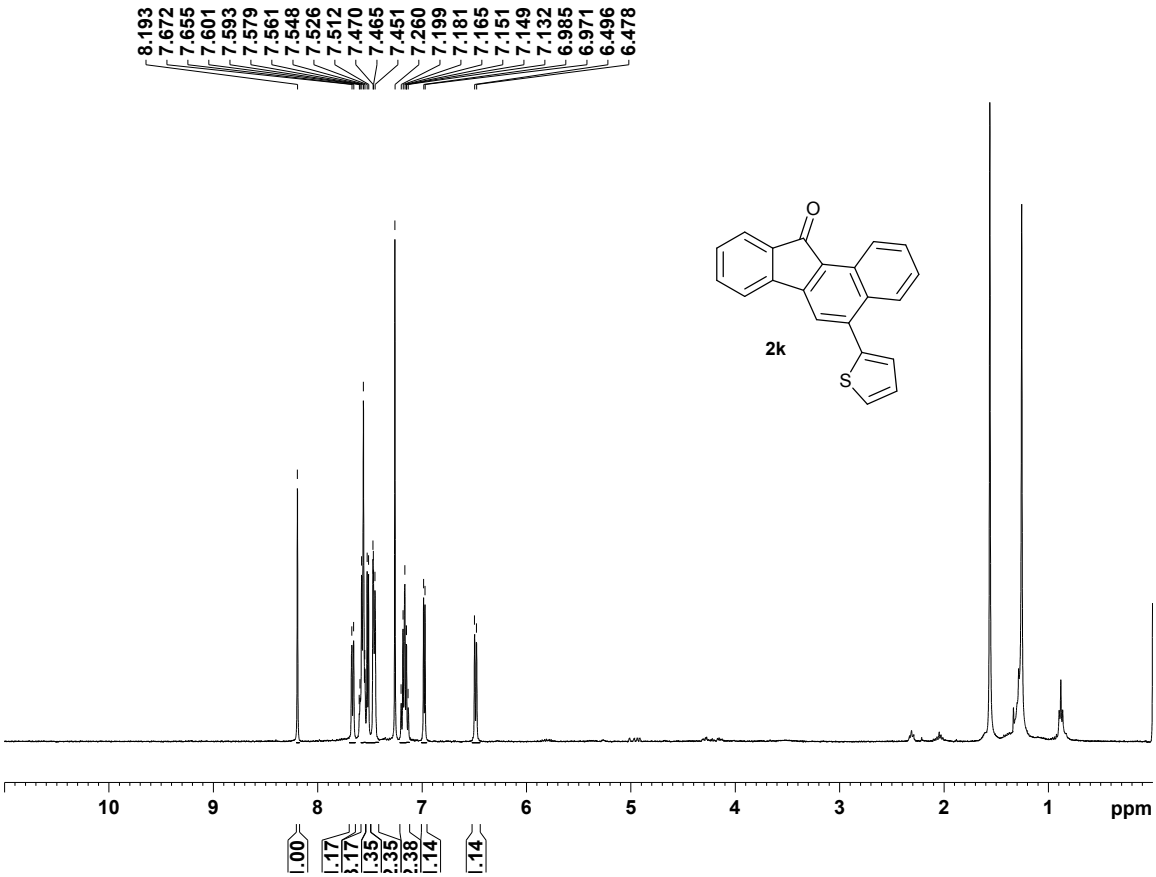

Figure 21: ^{1}H NMR (400 MHz, $CDCl_3$) spectrum of **2k**

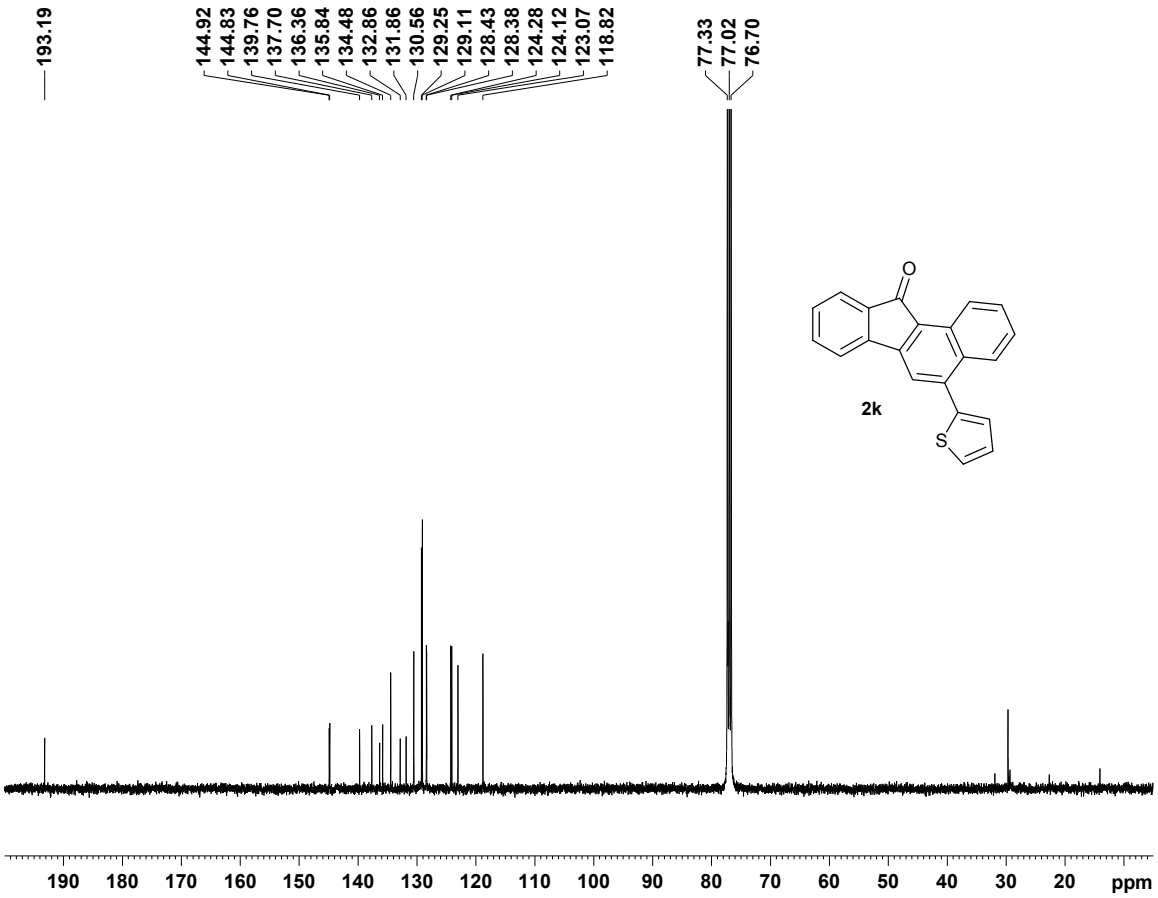

Figure 22: ^{13}C NMR (100 MHz, $CDCl_3$) spectrum of **2k**

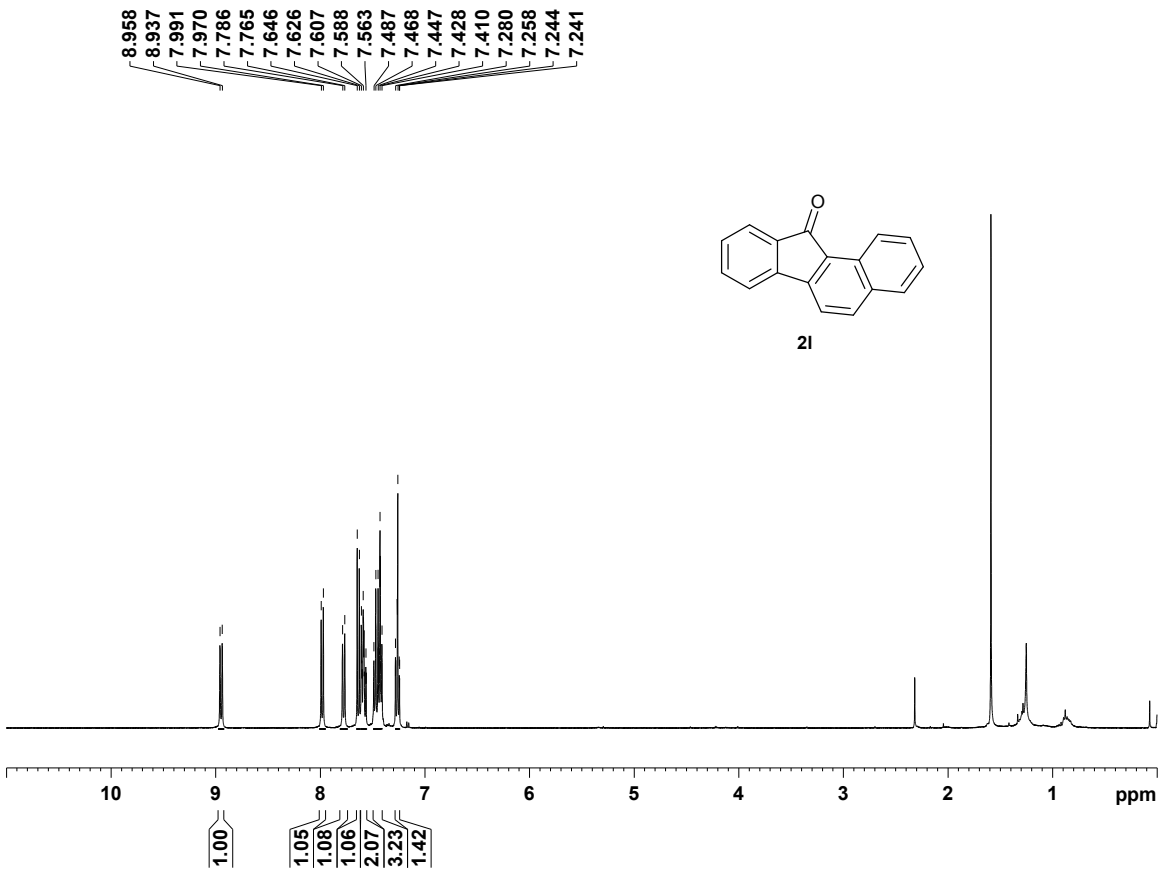

Figure 23: ^{1}H NMR (400 MHz, $CDCl_3$) spectrum of **2l**

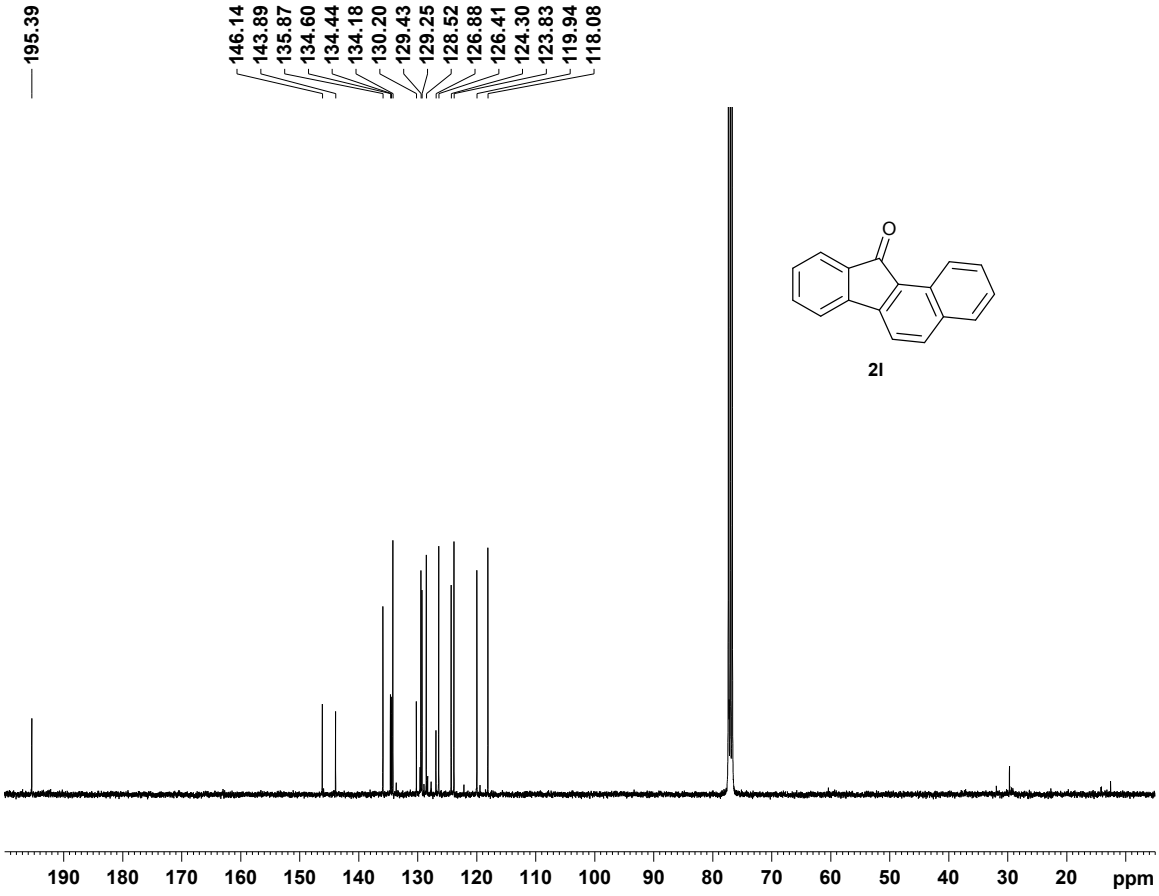

Figure 24: ^{13}C NMR (100 MHz, $CDCl_3$) spectrum of **2l**

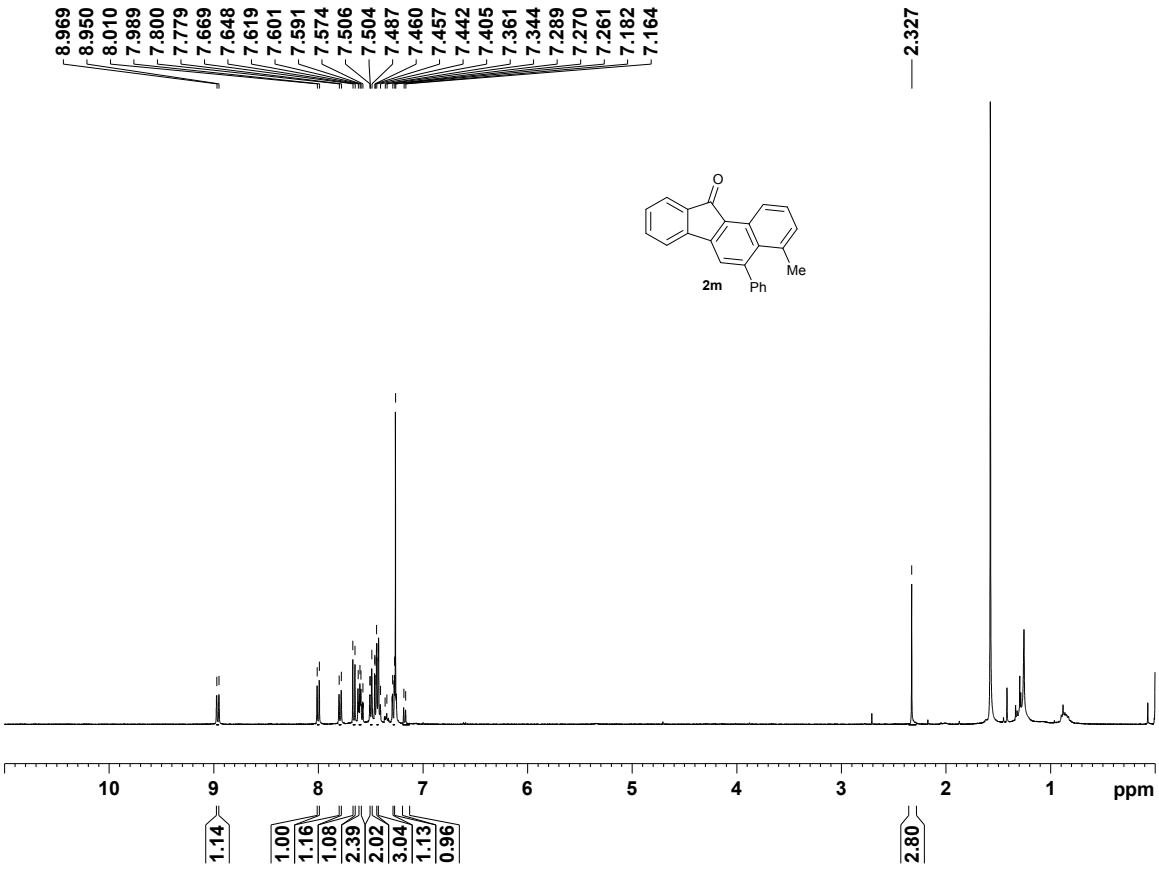

Figure 25: ^{1}H NMR (400 MHz, $CDCl_3$) spectrum of **2m**

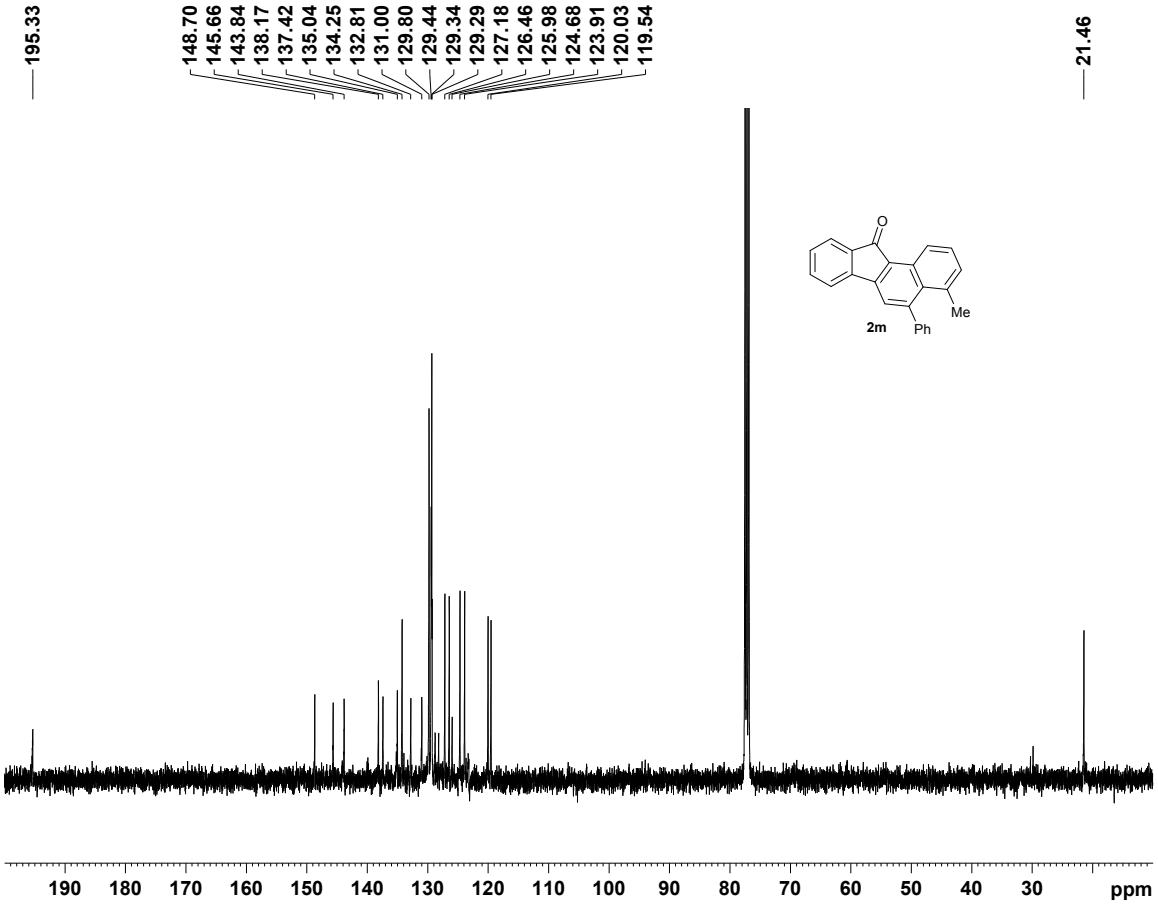

Figure 26: ^{13}C NMR (100 MHz, $CDCl_3$) spectrum of **2m**

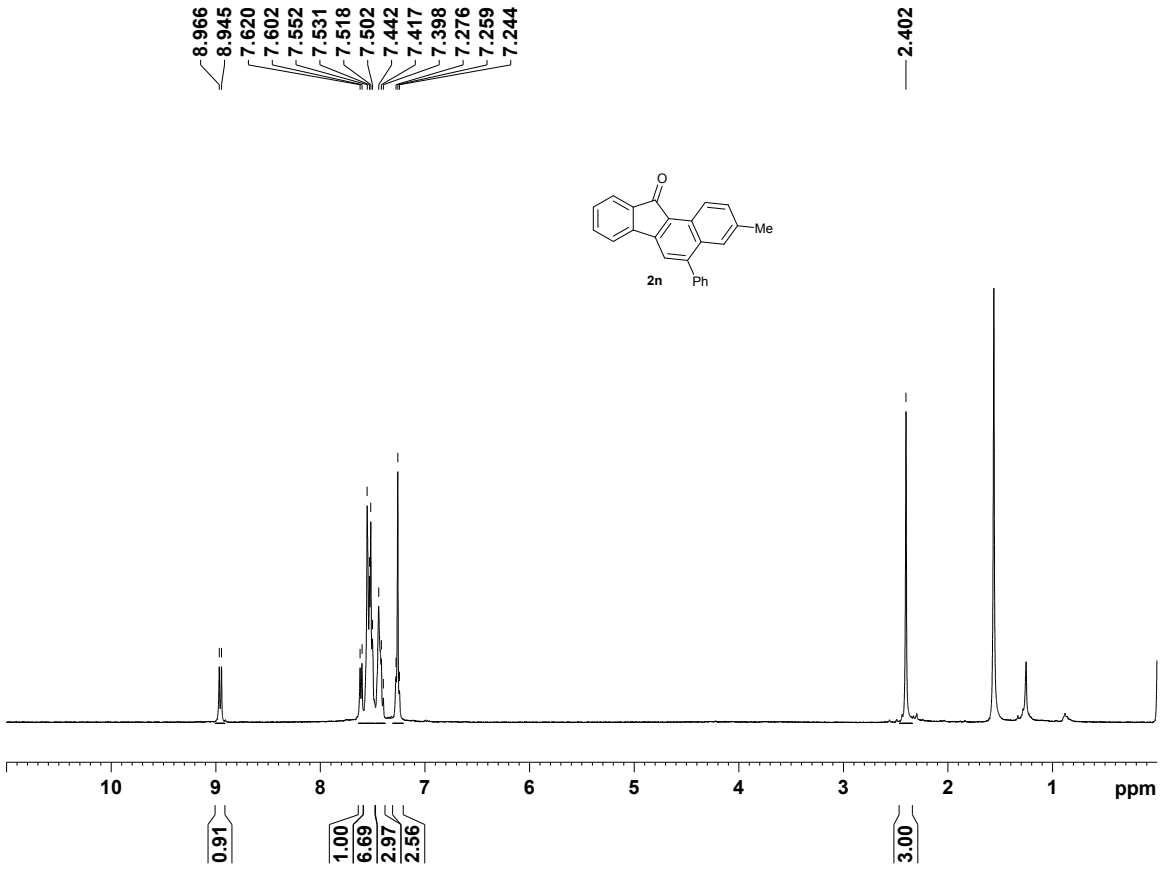

Figure 27: ^{1}H NMR (400 MHz, $CDCl_3$) spectrum of **2n**

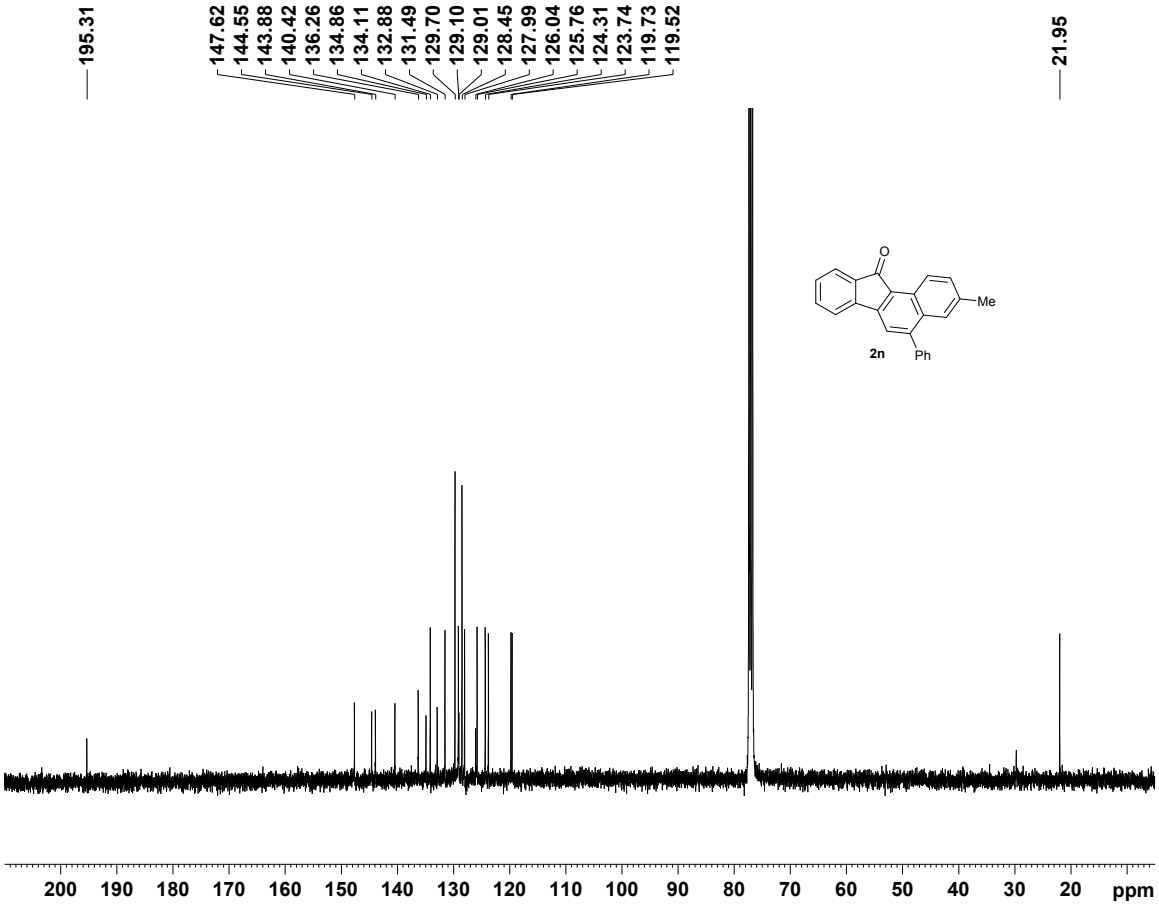

Figure 28: ^{13}C NMR (100 MHz, $CDCl_3$) spectrum of **2n**

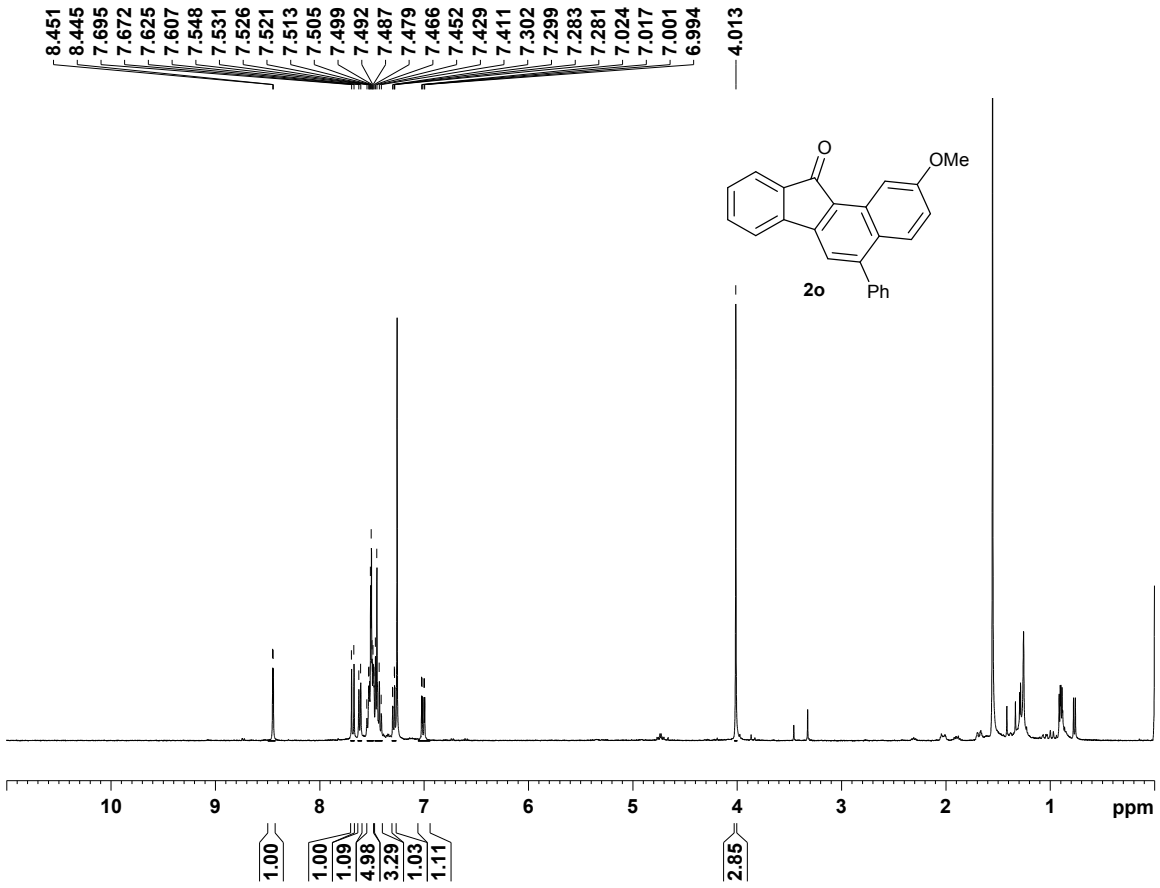

Figure 29: ^{1}H NMR (400 MHz, $CDCl_3$) spectrum of **2o**

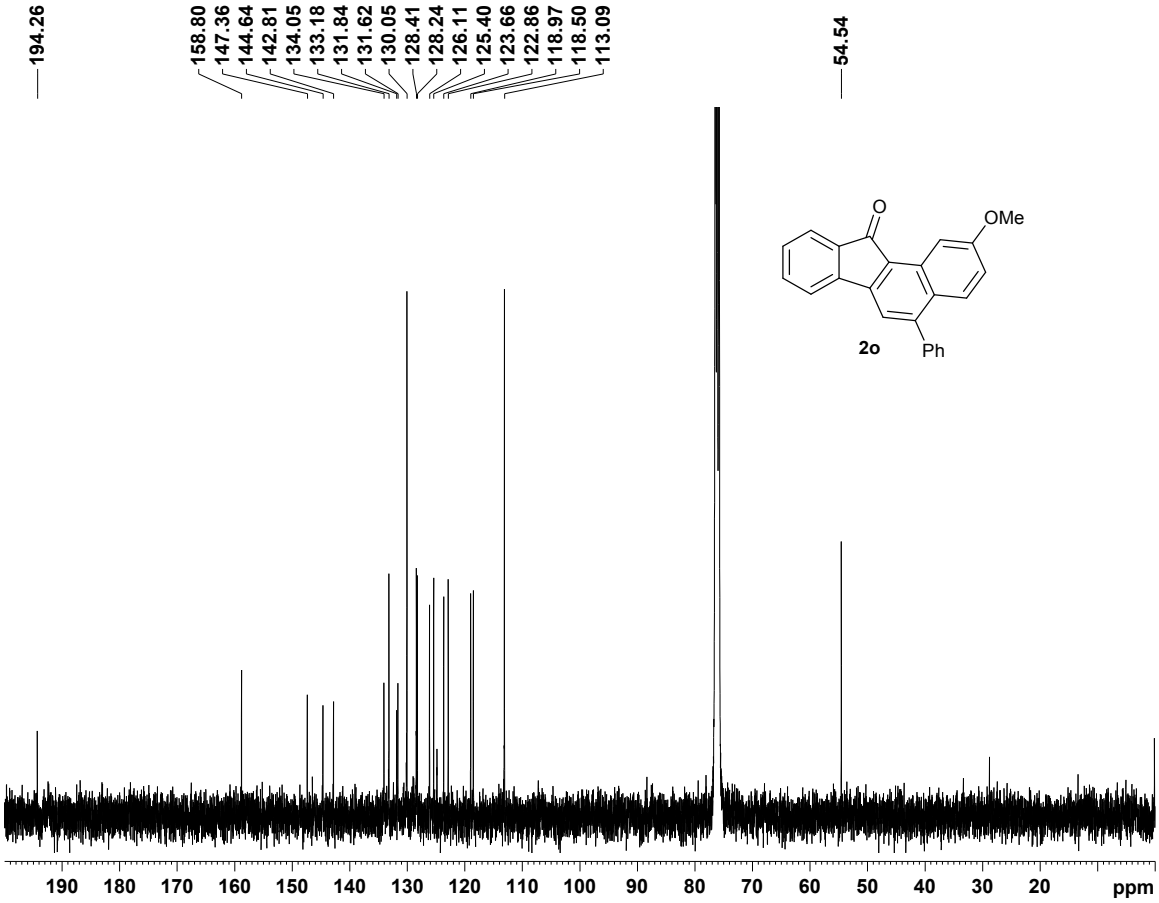

Figure 30: ^{13}C NMR (100 MHz, $CDCl_3$) spectrum of **2o**

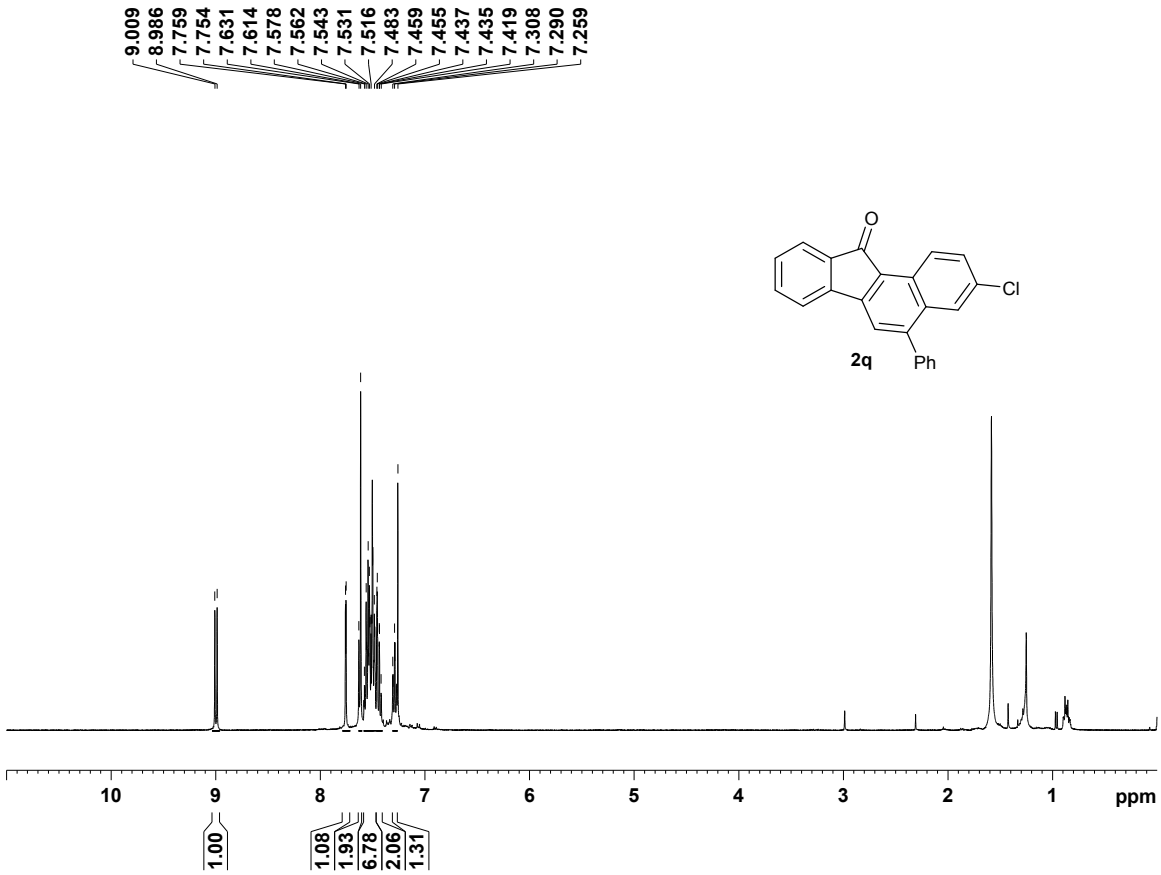

Figure 31: ^{1}H NMR (400 MHz, $CDCl_3$) spectrum of **2q**

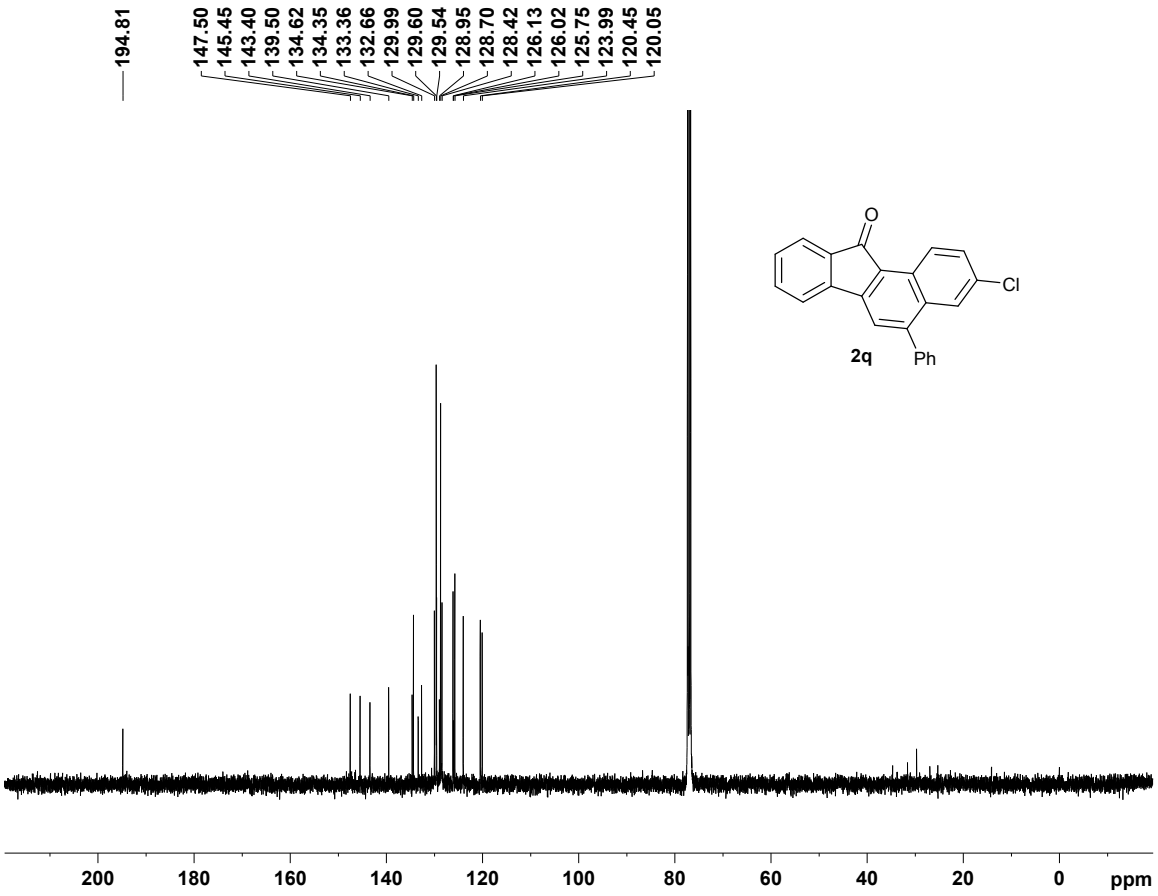

Figure 32: ^{13}C NMR (100 MHz, $CDCl_3$) spectrum of **2q**

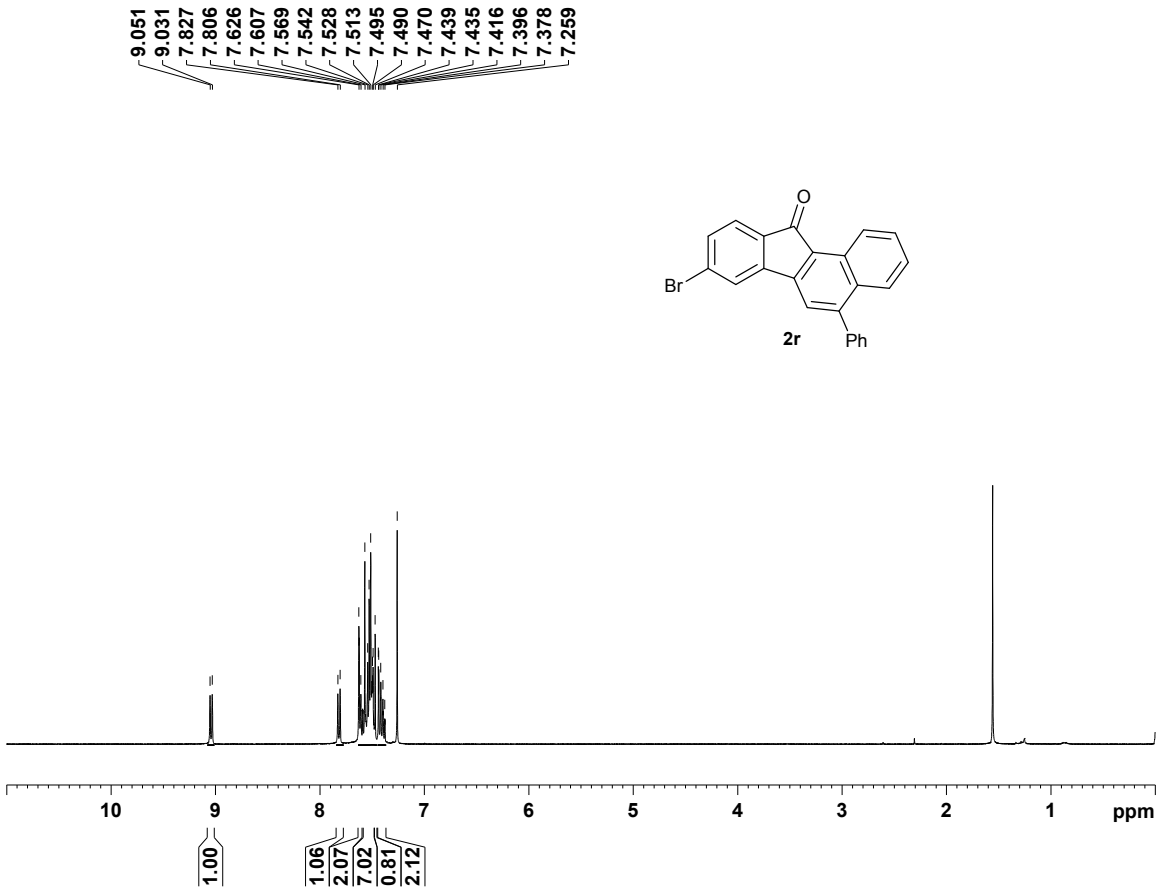

Figure 33: ^{1}H NMR (400 MHz, $CDCl_3$) spectrum of **2r**

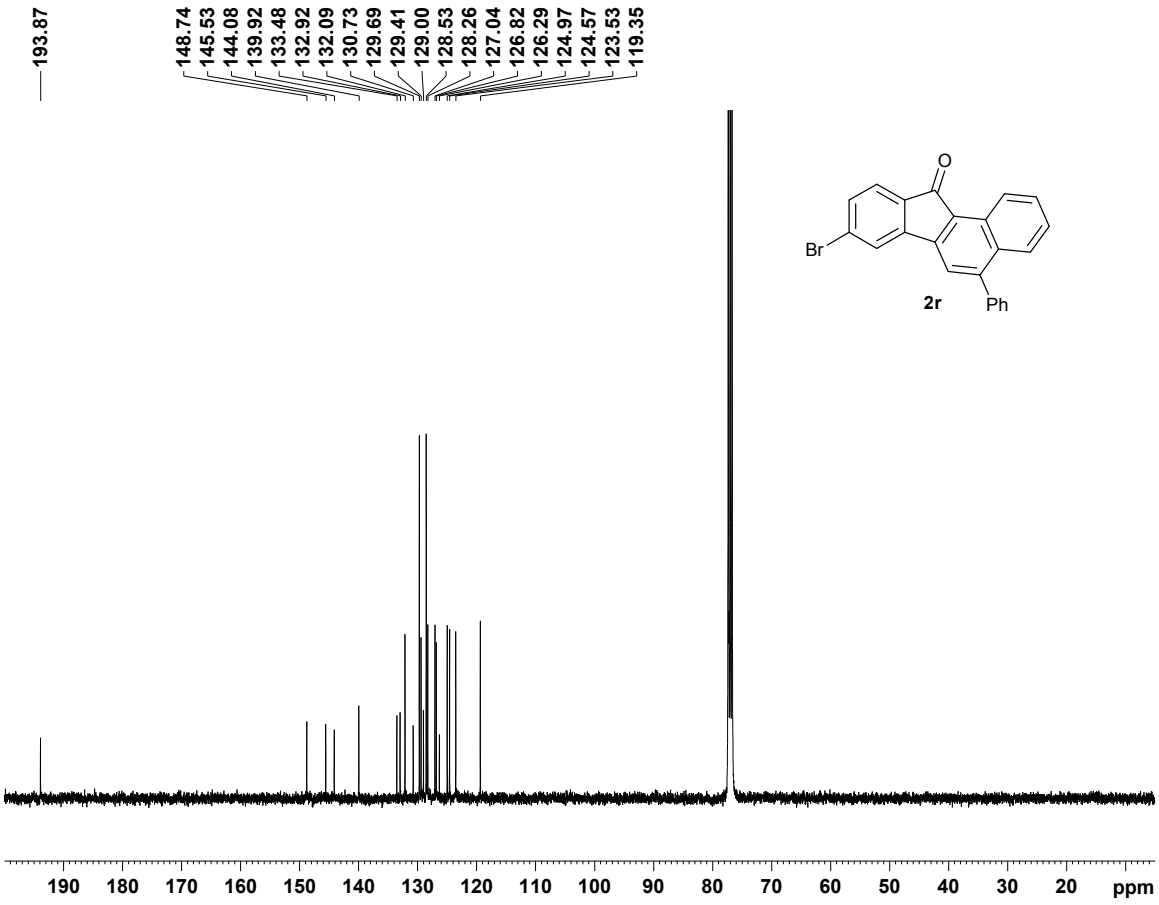

Figure 34: ^{13}C NMR (100 MHz, $CDCl_3$) spectrum of **2r**

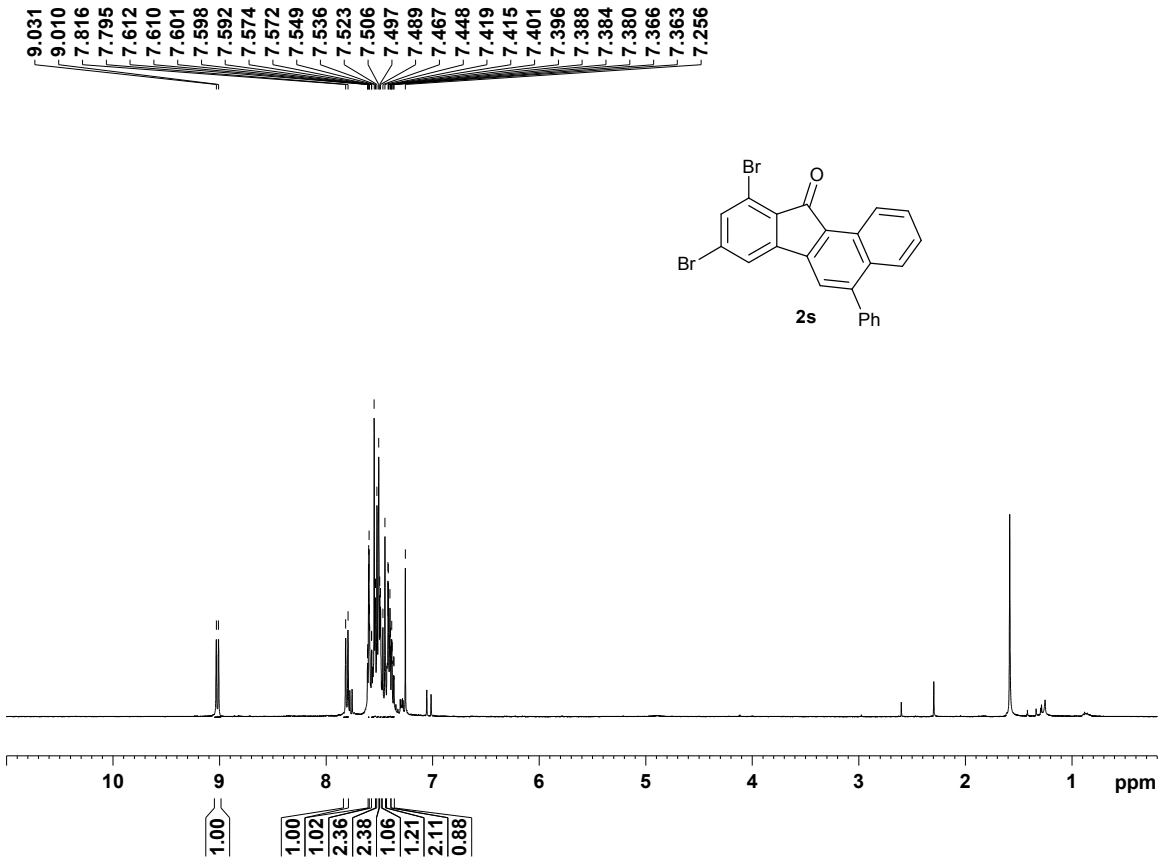

Figure 35: ^{1}H NMR (400 MHz, $CDCl_3$) spectrum of **2s**

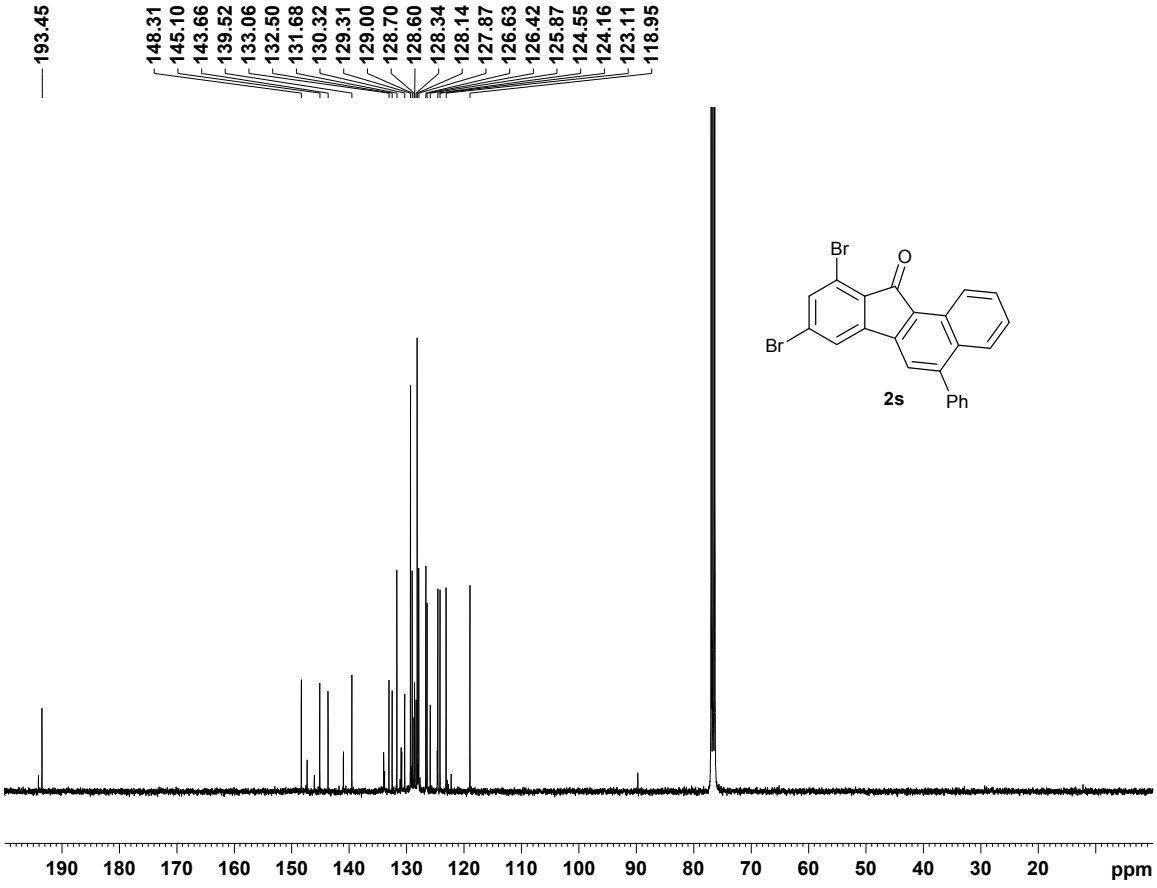

Figure 36: ^{13}C NMR (100 MHz, $CDCl_3$) spectrum of **2s**

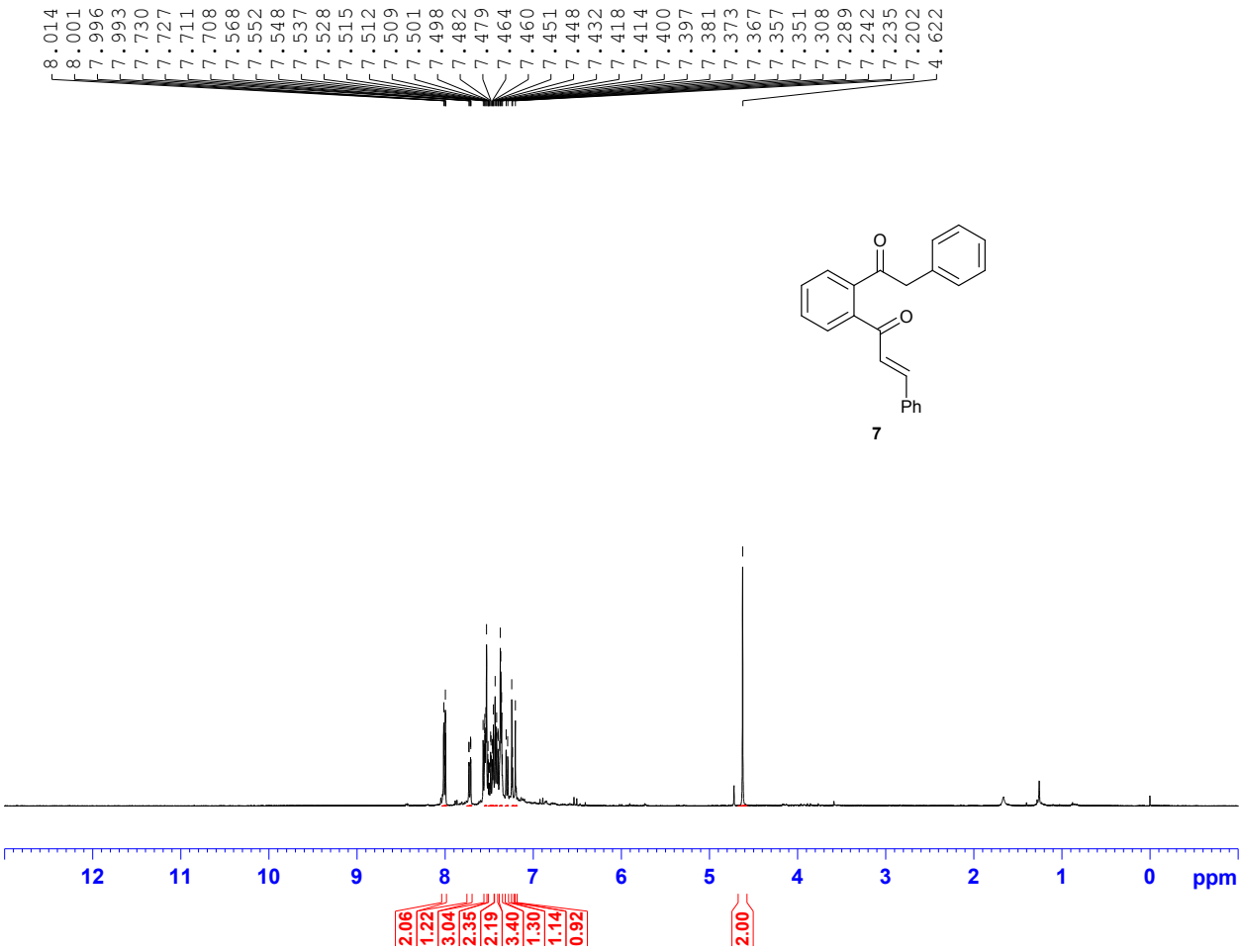

Figure 37: ^{1}H NMR (400 MHz, $CDCl_3$) spectrum of **7**

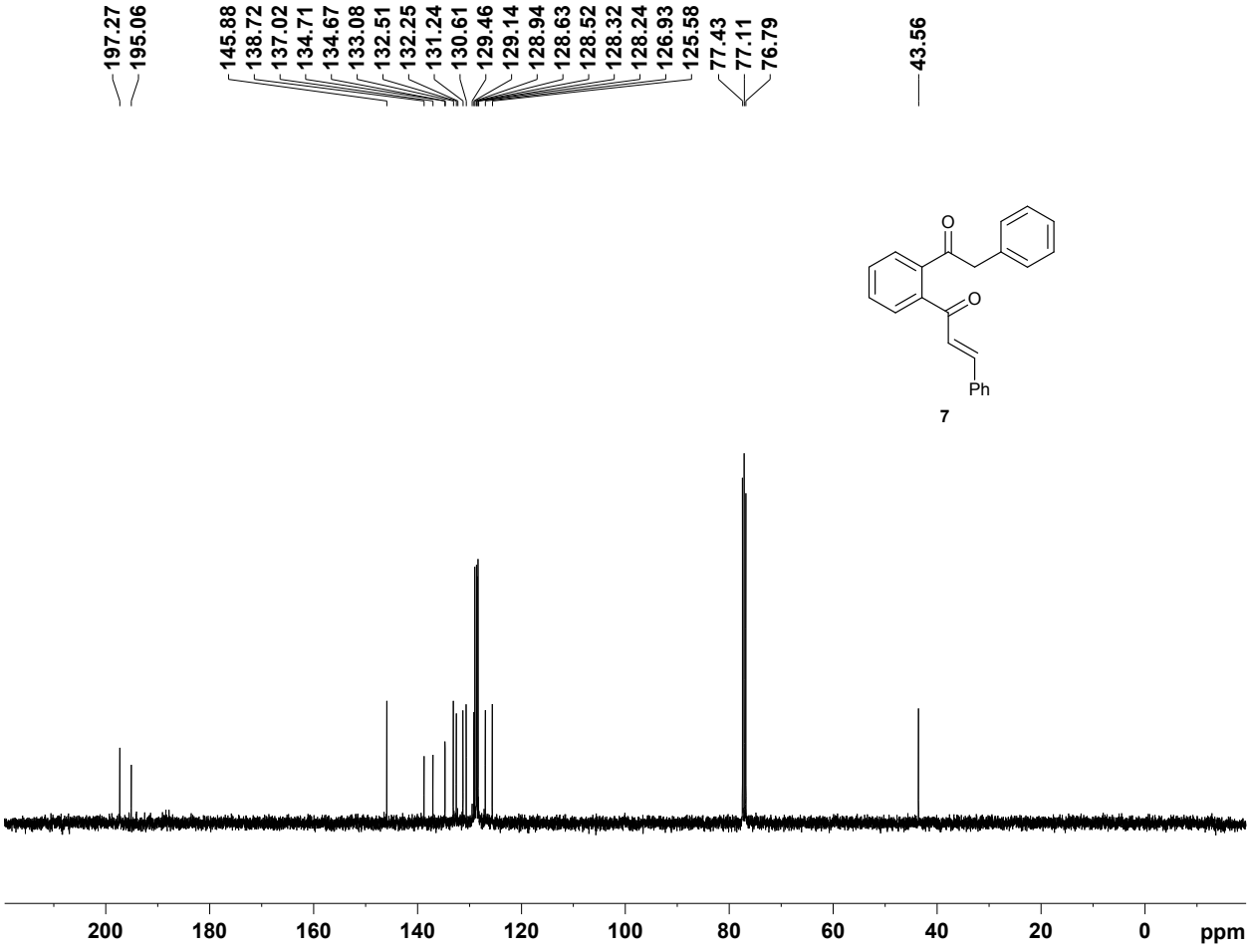

Figure 38: ^{13}C NMR (100 MHz, $CDCl_3$) spectrum of **7**

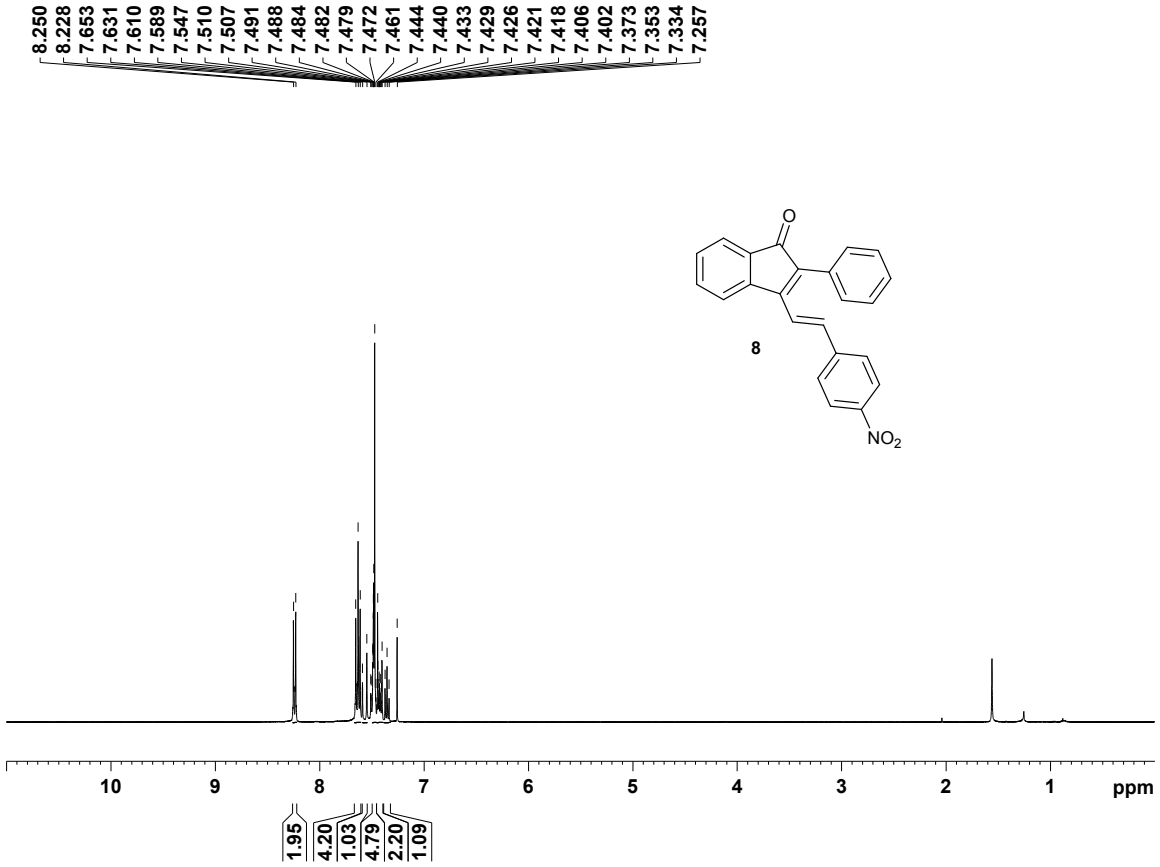

Figure 39: ^{1}H NMR (400 MHz, $CDCl_3$) spectrum of **8**

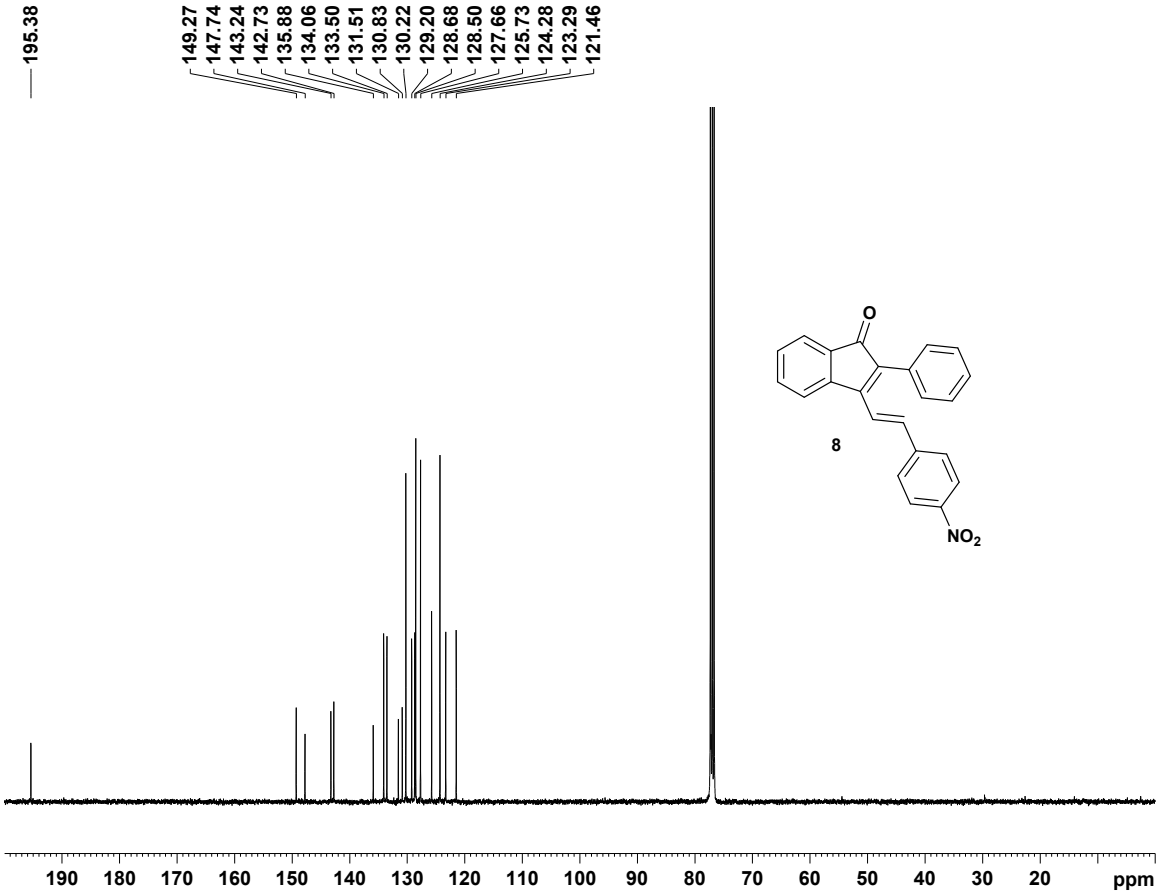

Figure 40: ^{13}C NMR (100 MHz, $CDCl_3$) spectrum of **8**

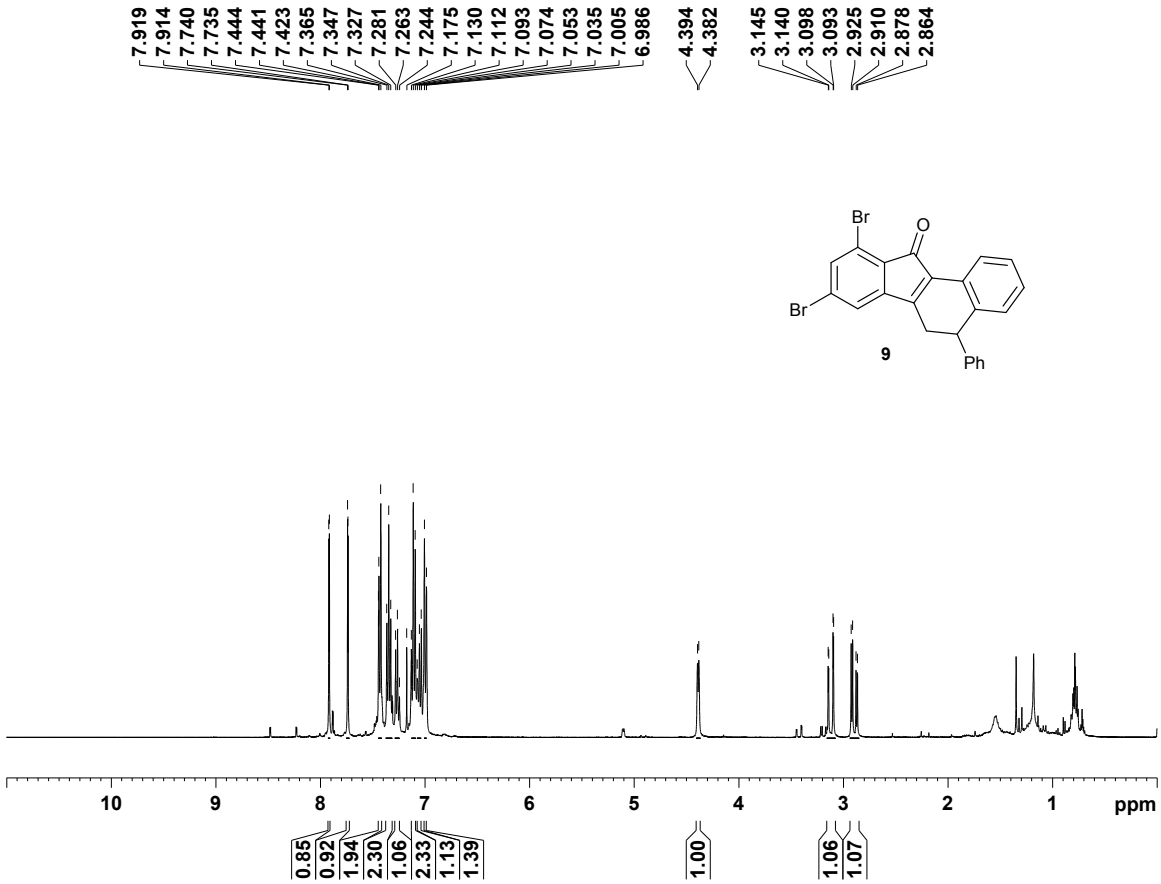

Figure 41: ^{1}H NMR (400 MHz, $CDCl_3$) spectrum of **9**

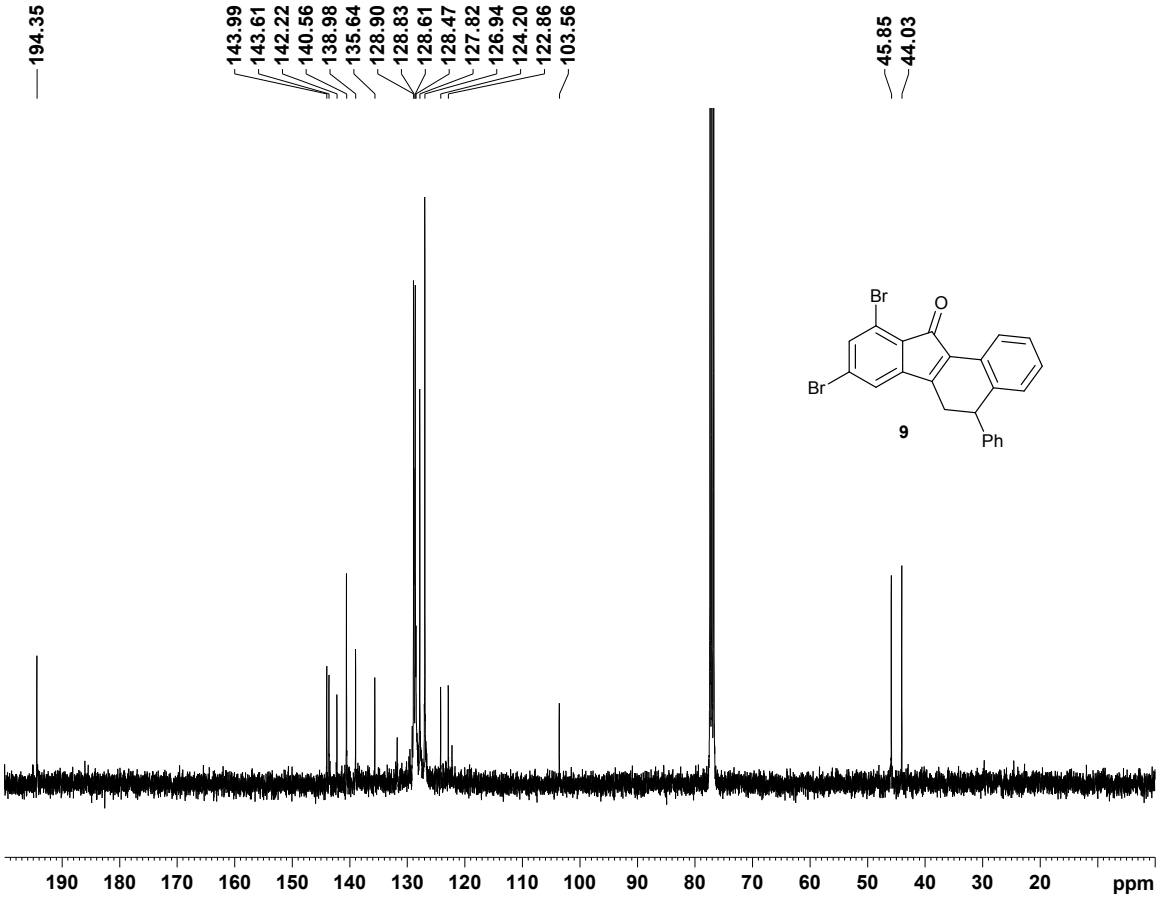

Figure 42: ^{13}C NMR (100 MHz, $CDCl_3$) spectrum of **9**