

Supporting Information

Stereo divergent and short total synthesis of calothrixins

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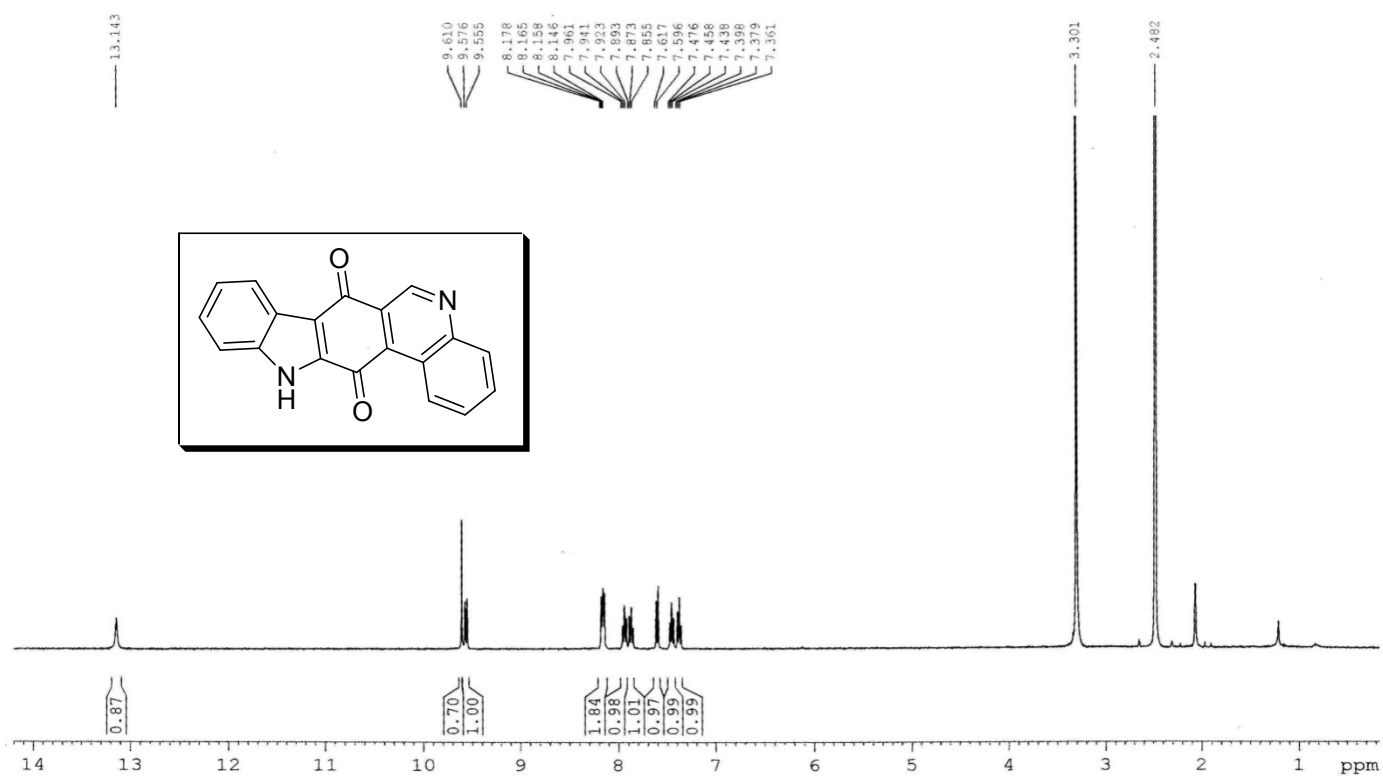
Content

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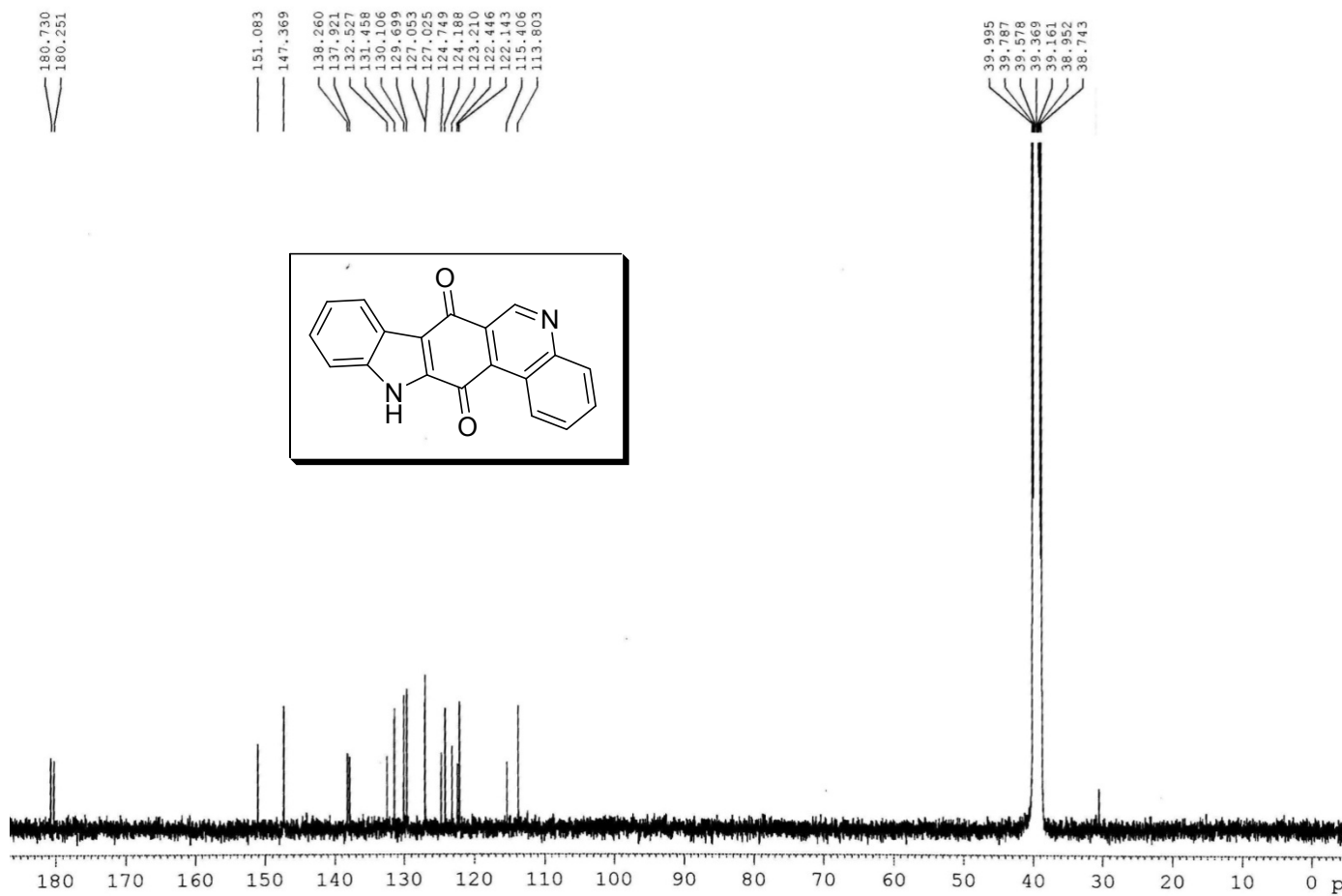
^1H NMR and ^{13}C NMR of compounds

2-16

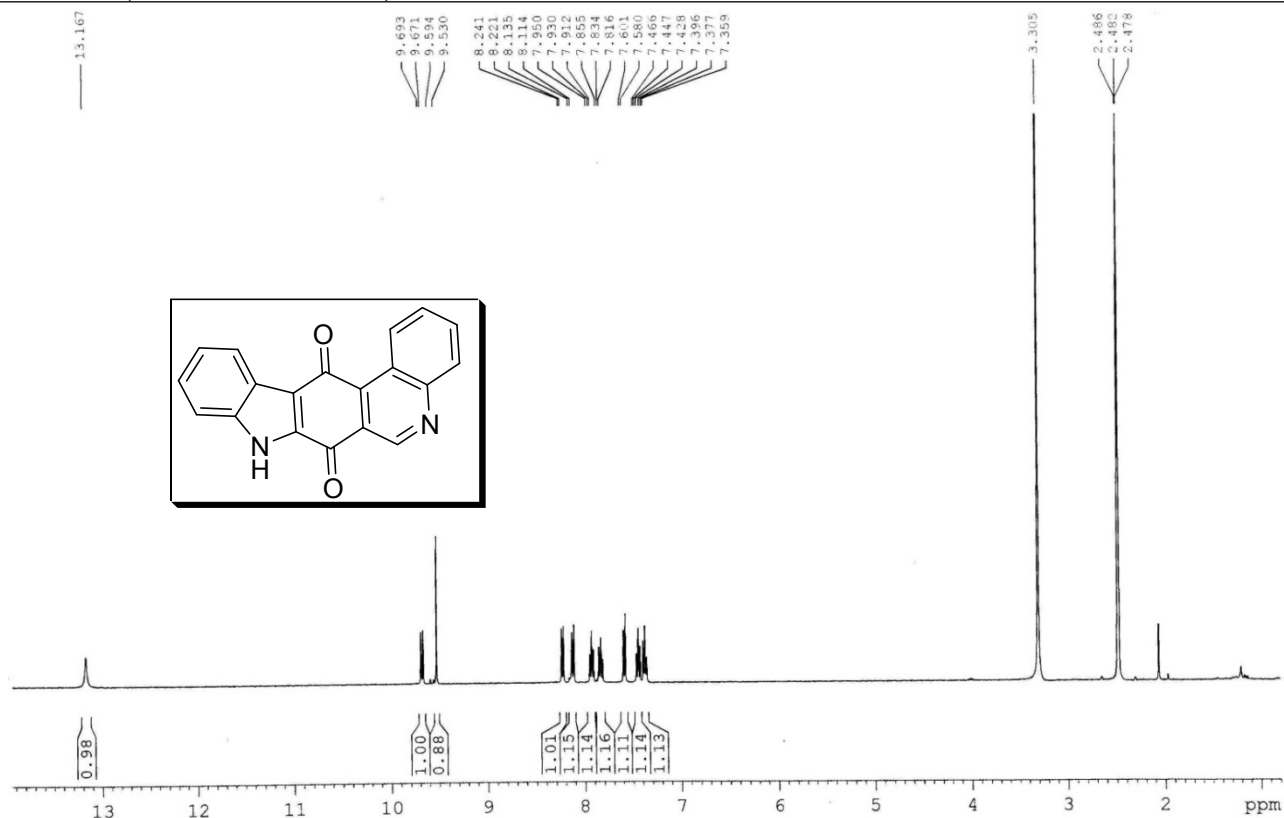
¹H NMR (400 MHz, DMSO-d₆) of 2



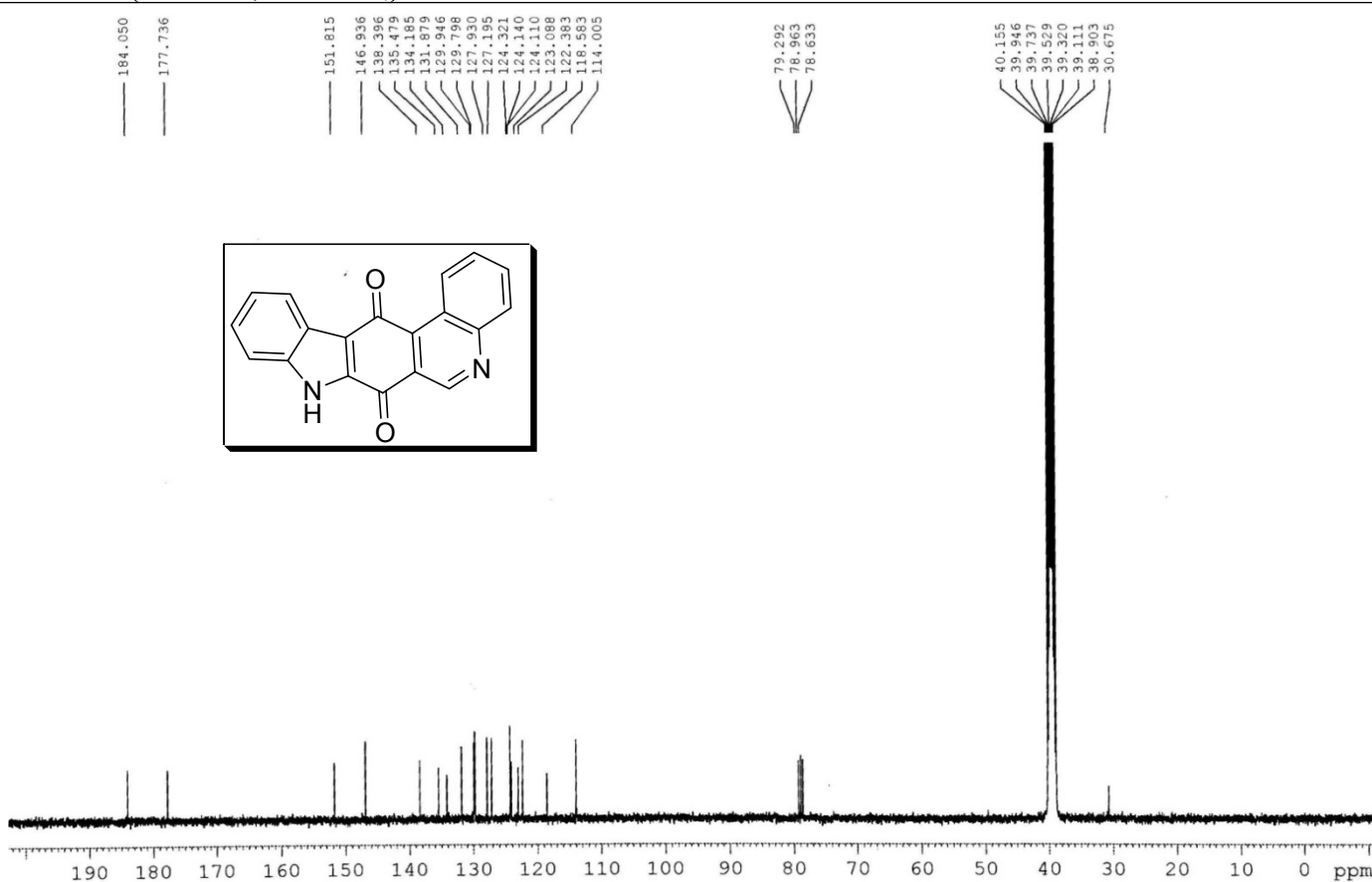
¹³C NMR (100 MHz, DMSO-d₆) of 2



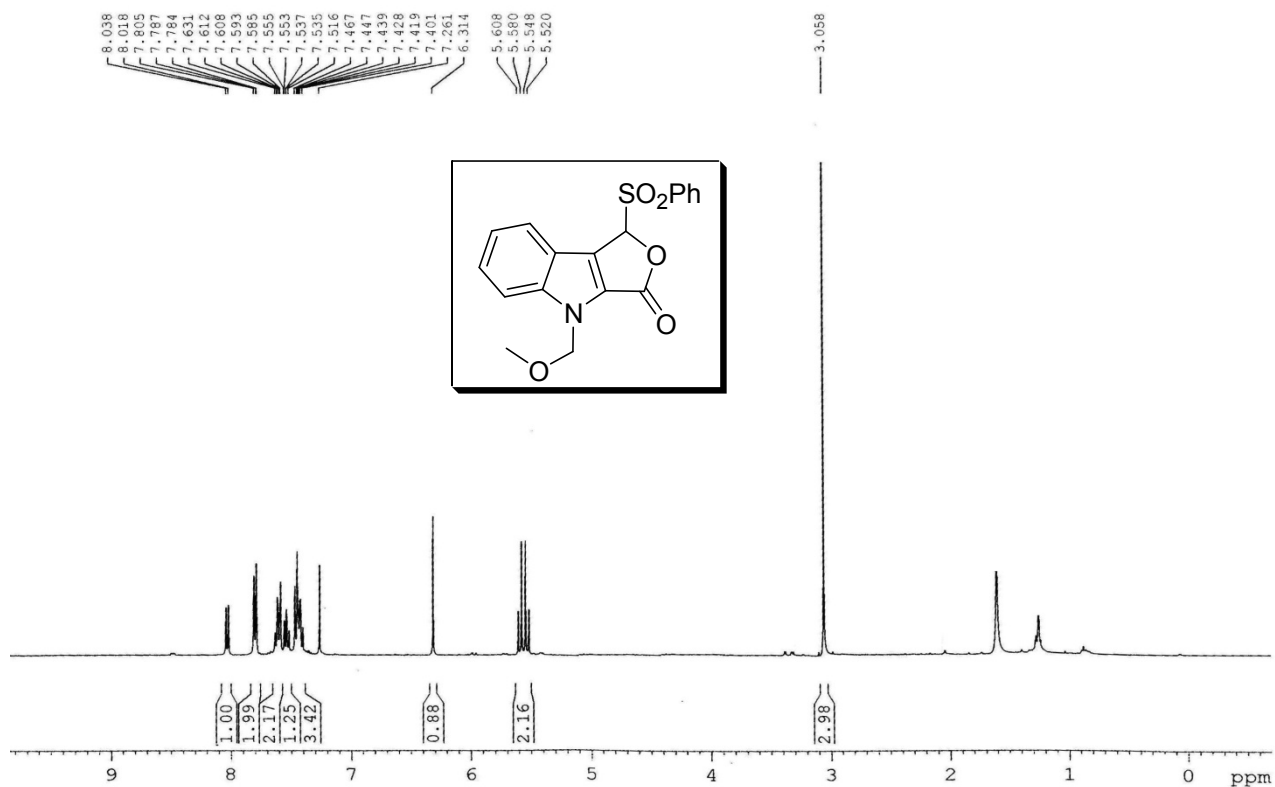
¹H NMR (400 MHz, DMSO-d₆) of 4



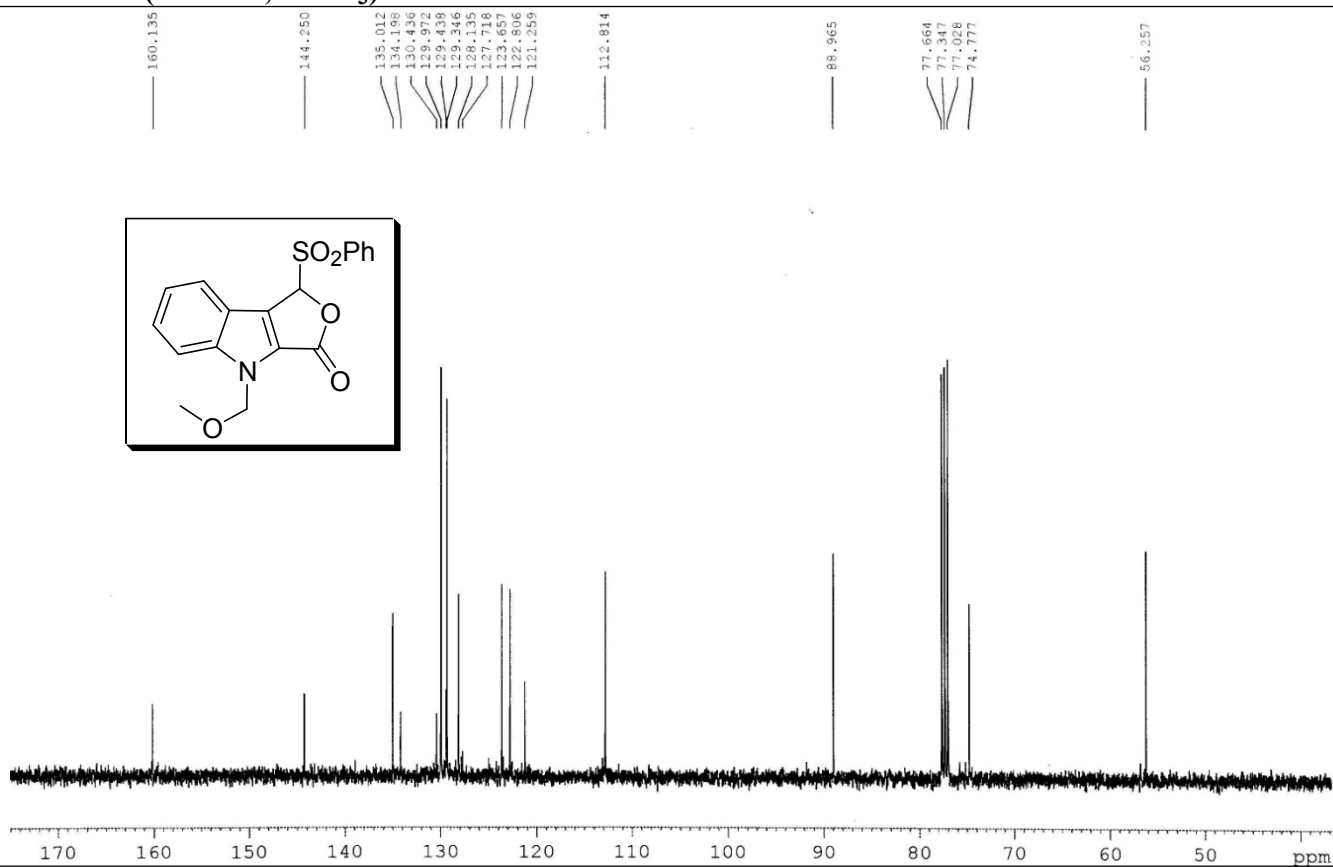
¹³C NMR (100 MHz, DMSO-d₆) of 4



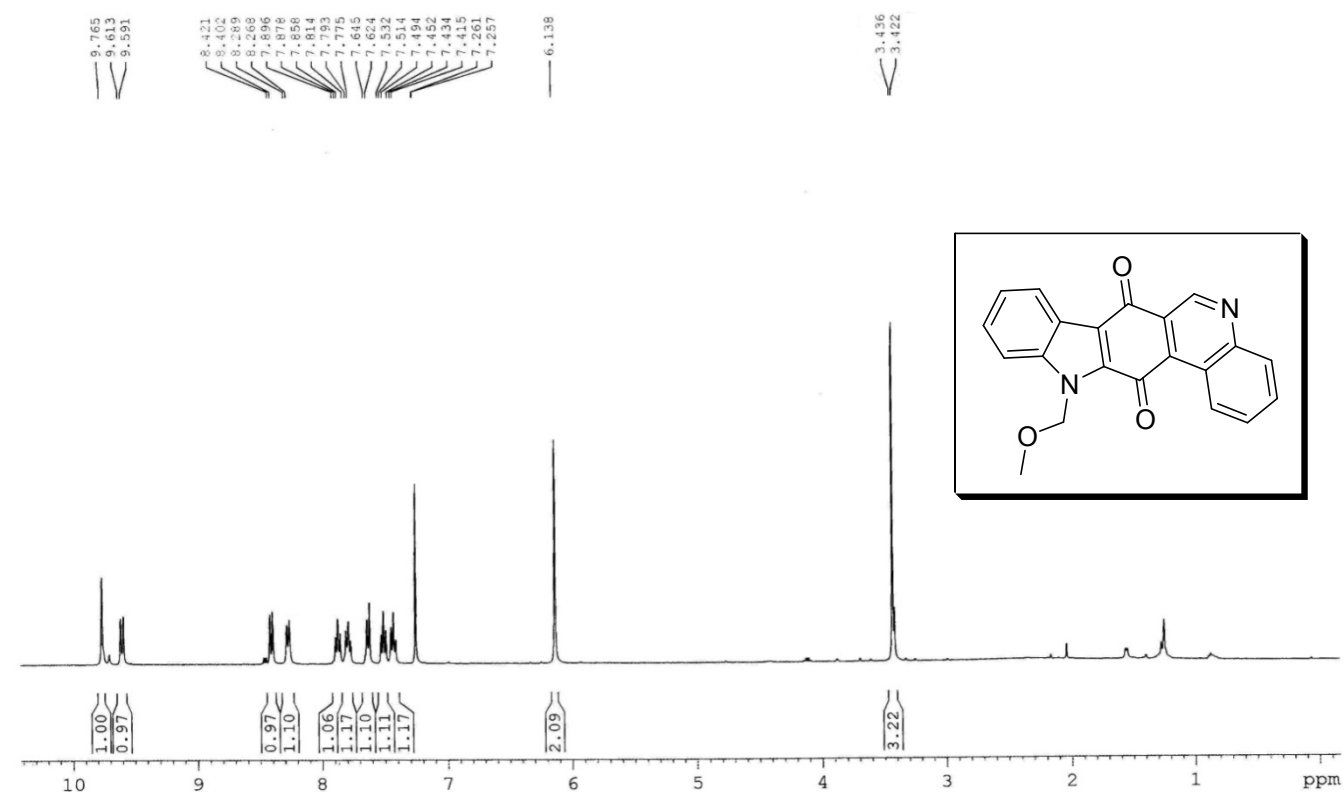
¹H NMR (200 MHz, CDCl₃) of 9



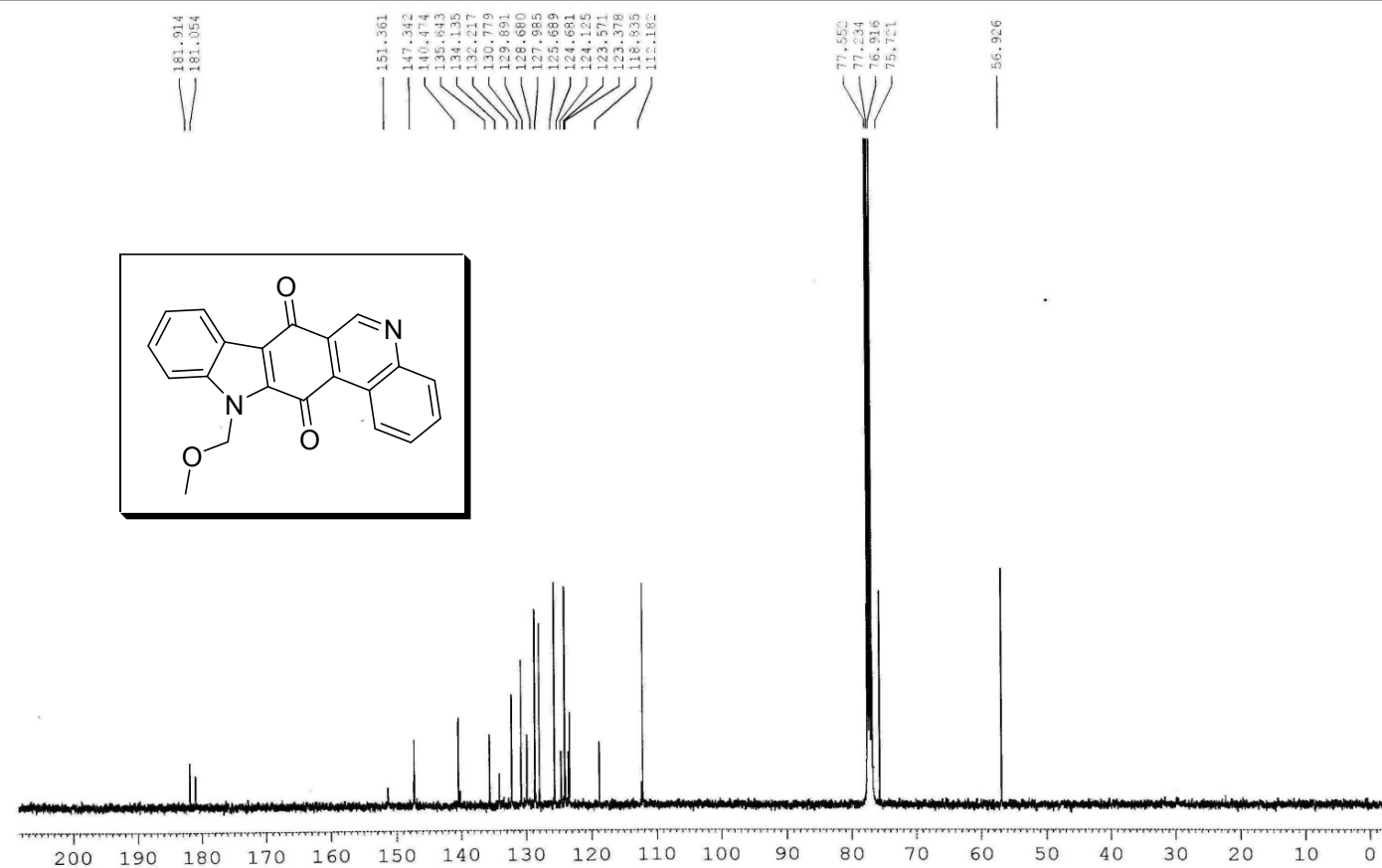
¹³C NMR (50 MHz, CDCl₃) of 9



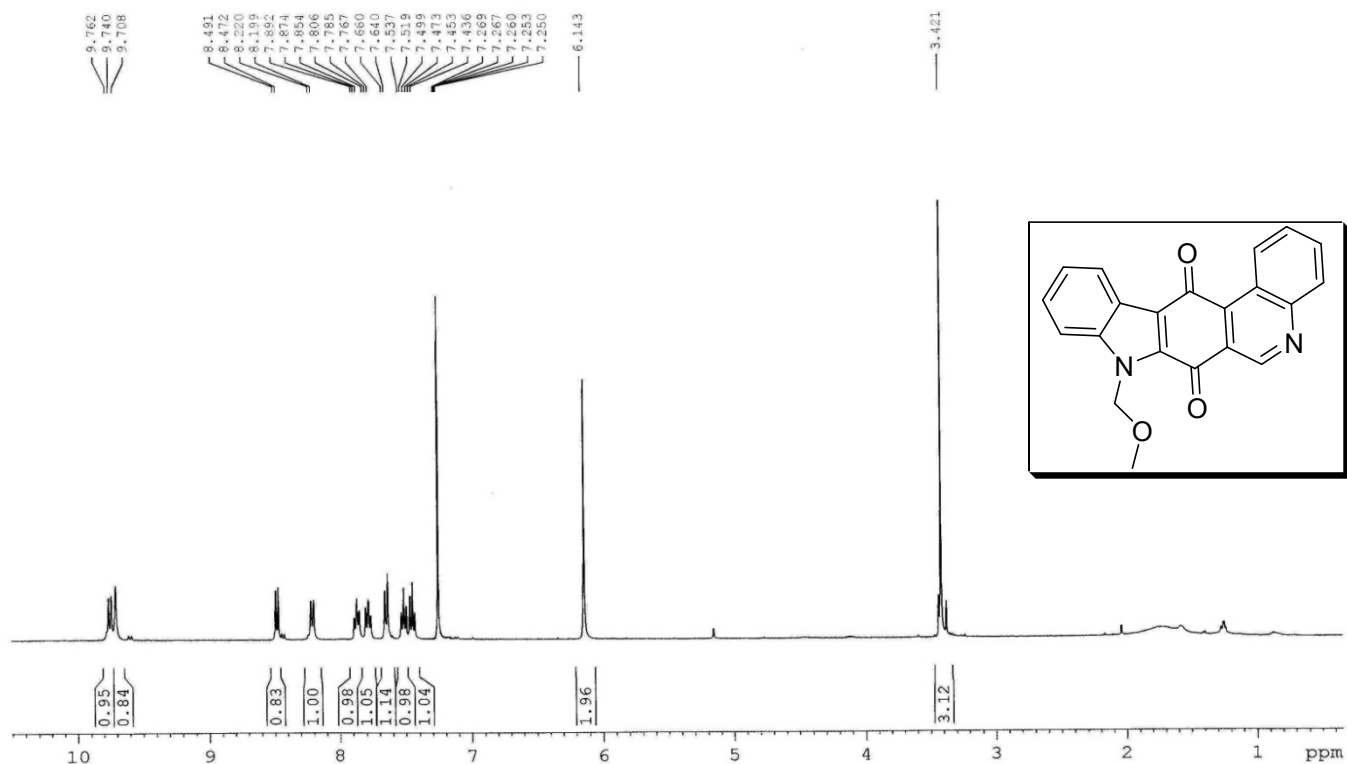
¹H NMR (400 MHz, CDCl₃) of 12



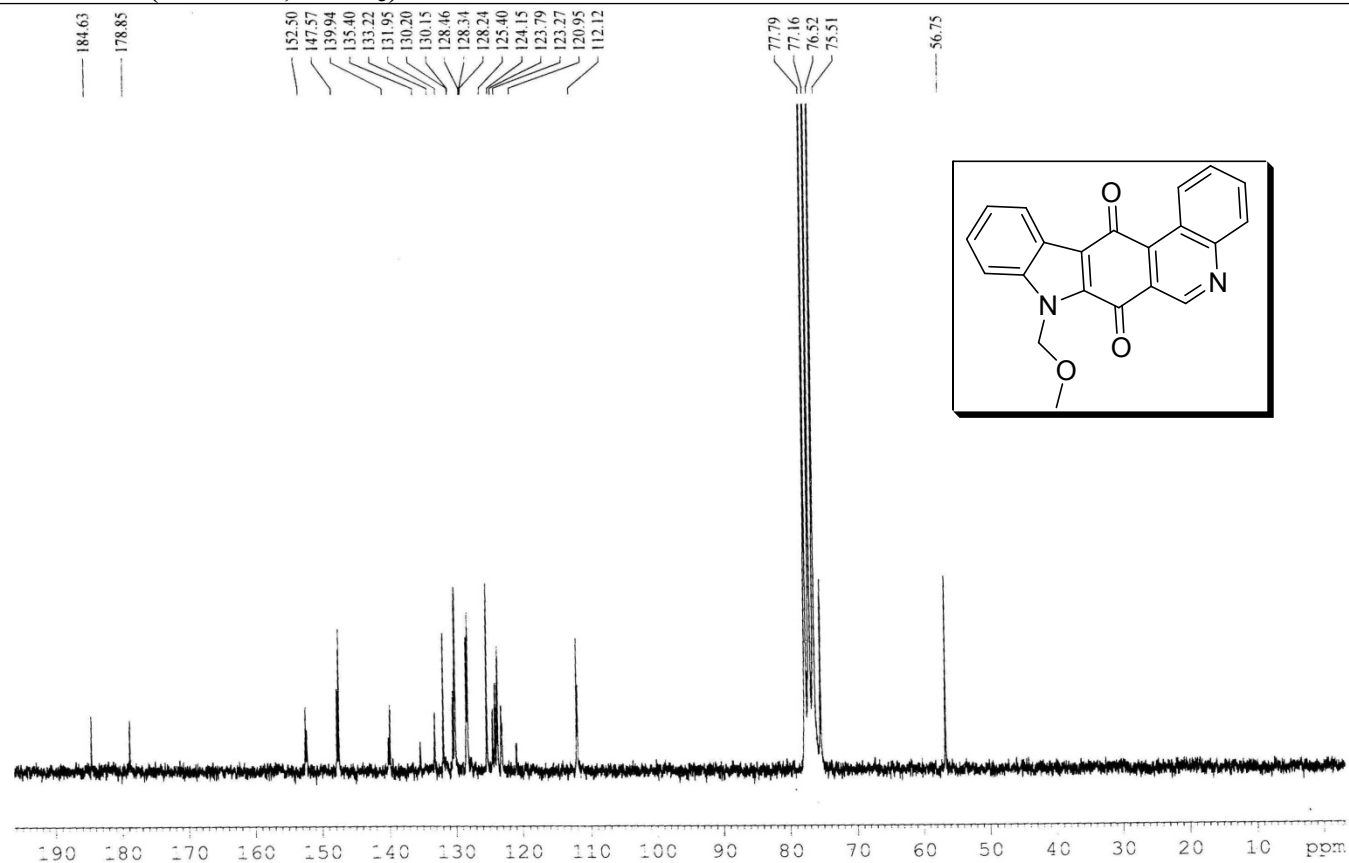
¹³C NMR (100 MHz, CDCl₃) of 12



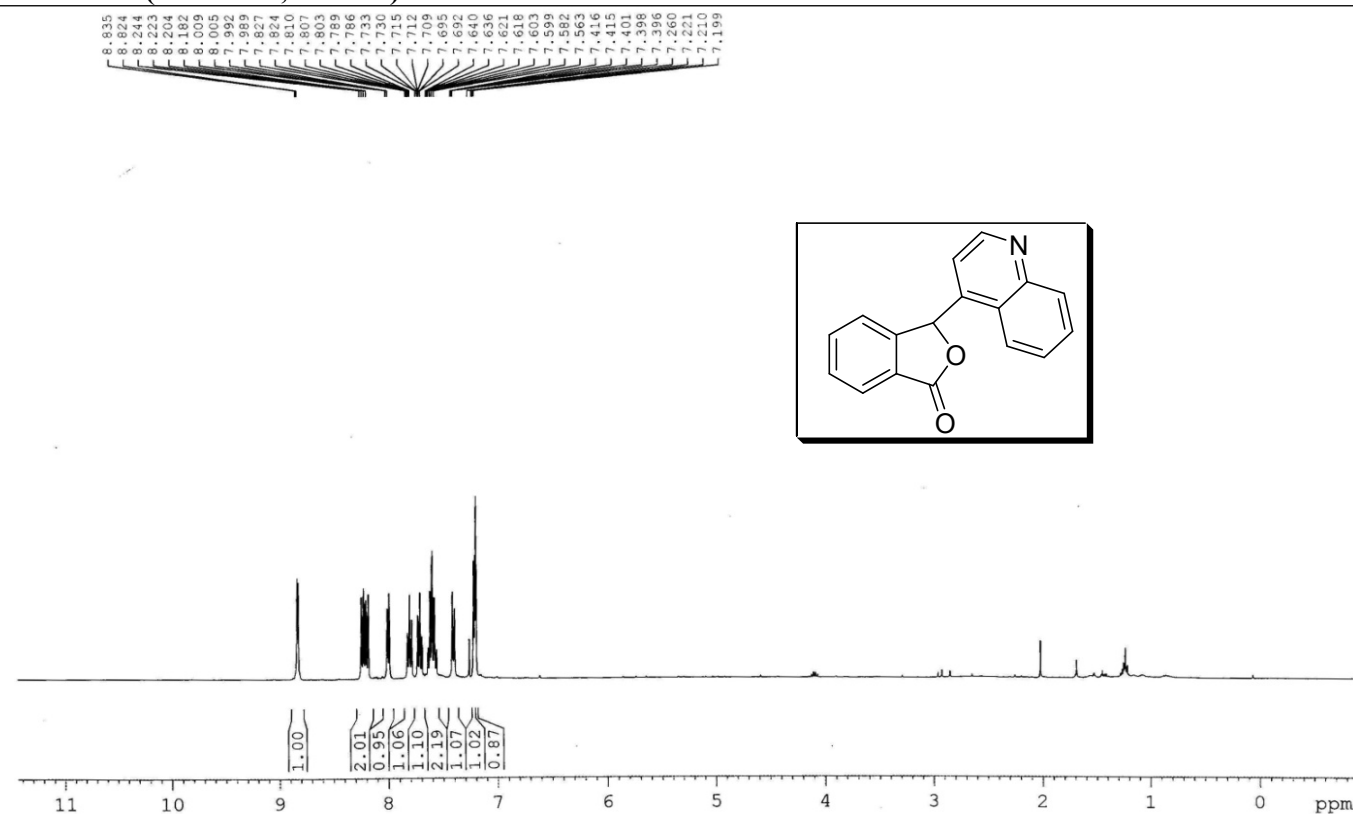
¹H NMR (400 MHz, CDCl₃) of 13



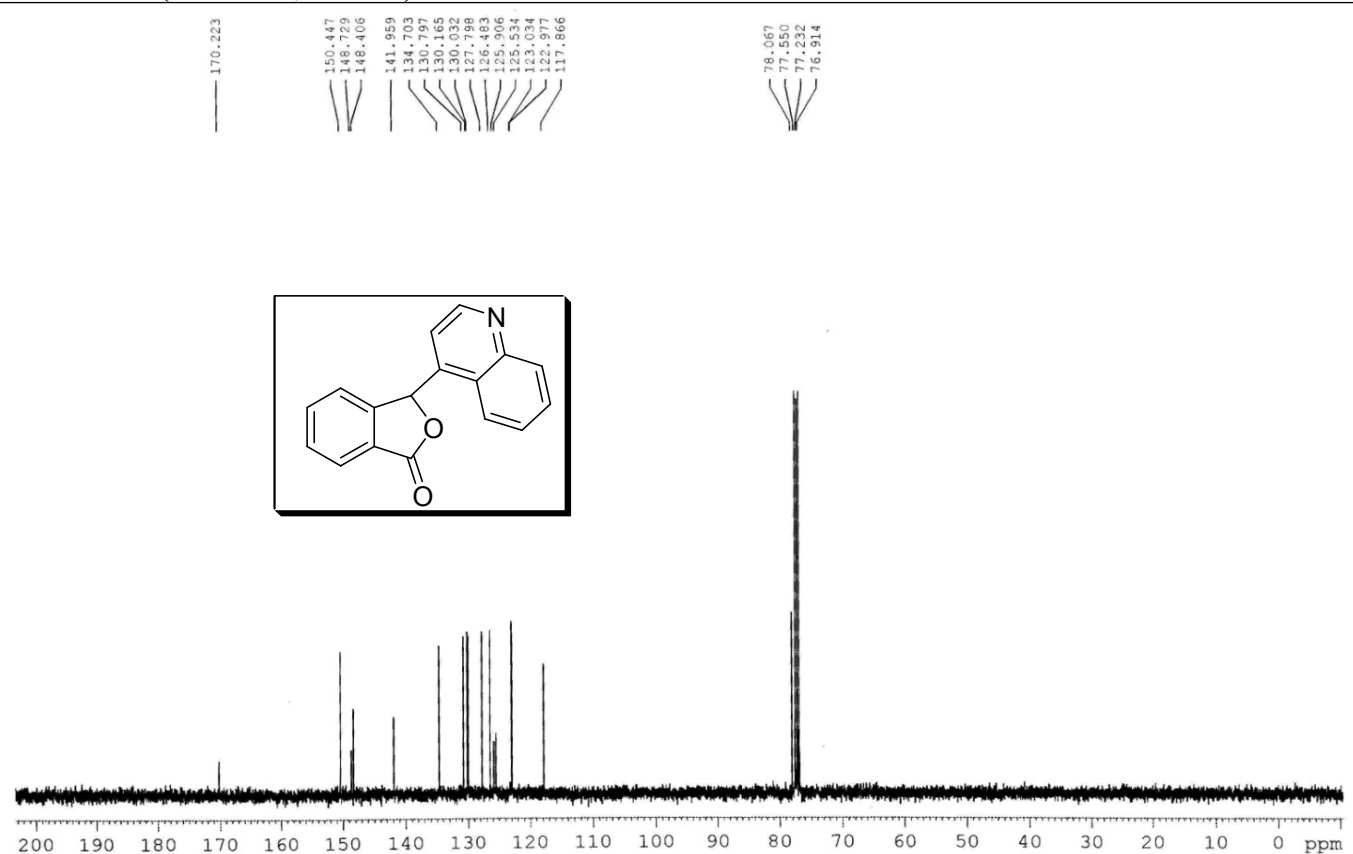
¹³C NMR (100 MHz, CDCl₃) of 13



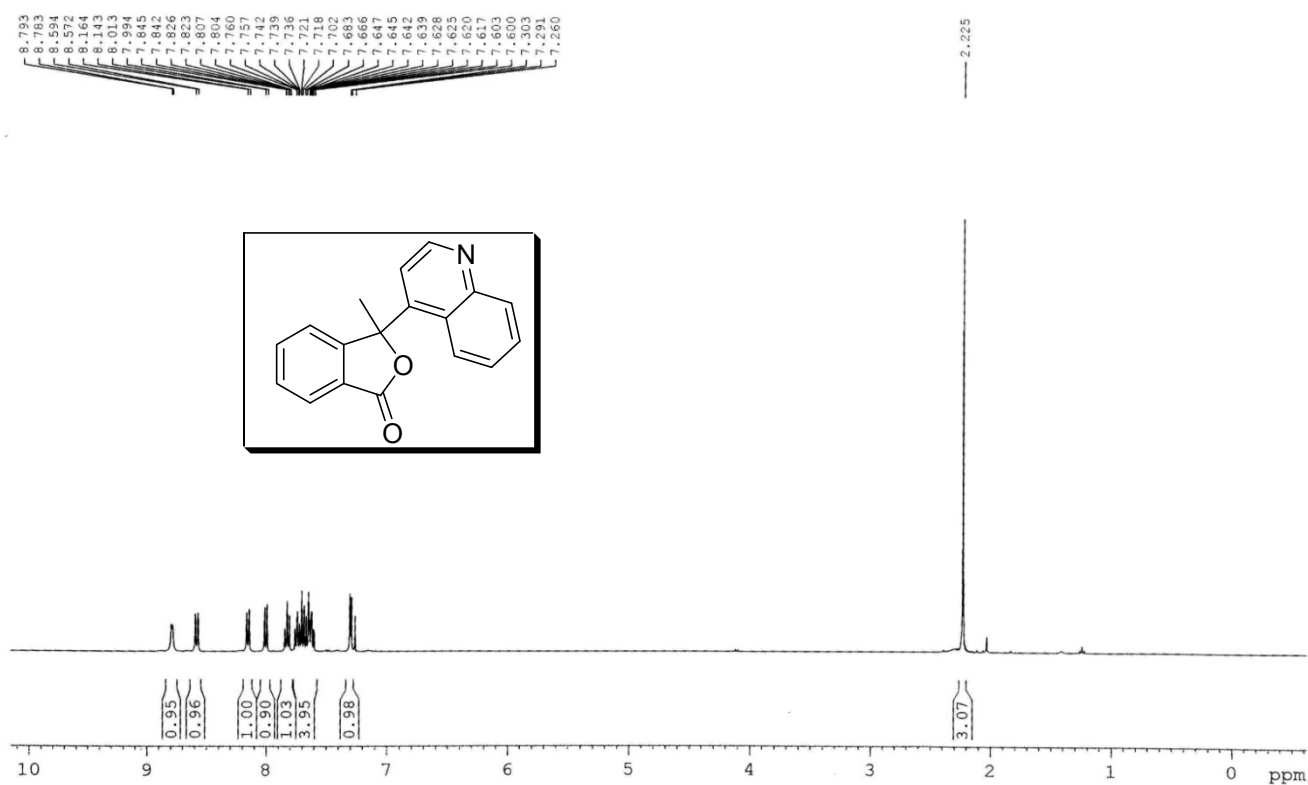
¹H NMR (400 MHz, CDCl₃) of 22



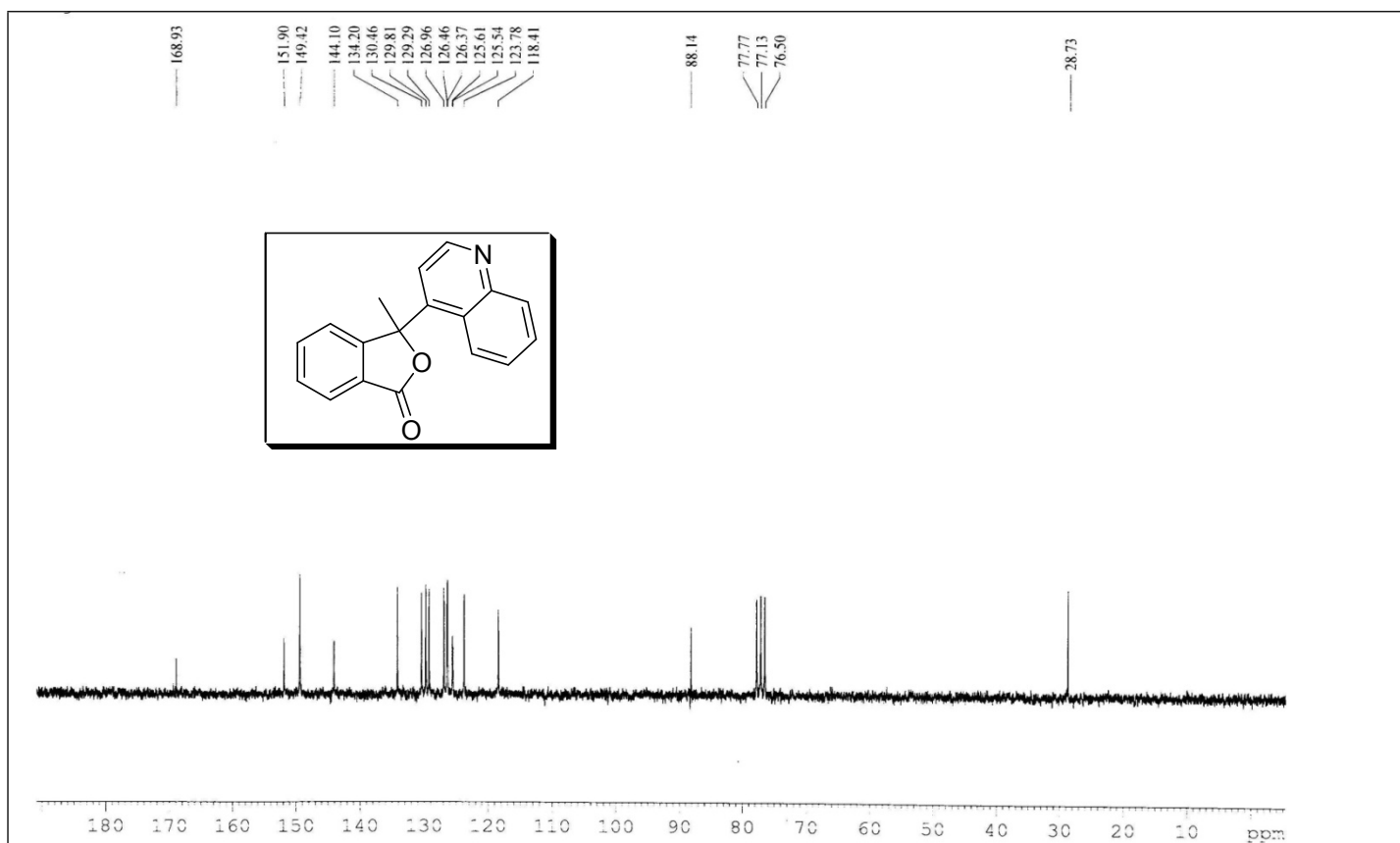
¹³C NMR (100 MHz, CDCl₃) of 22



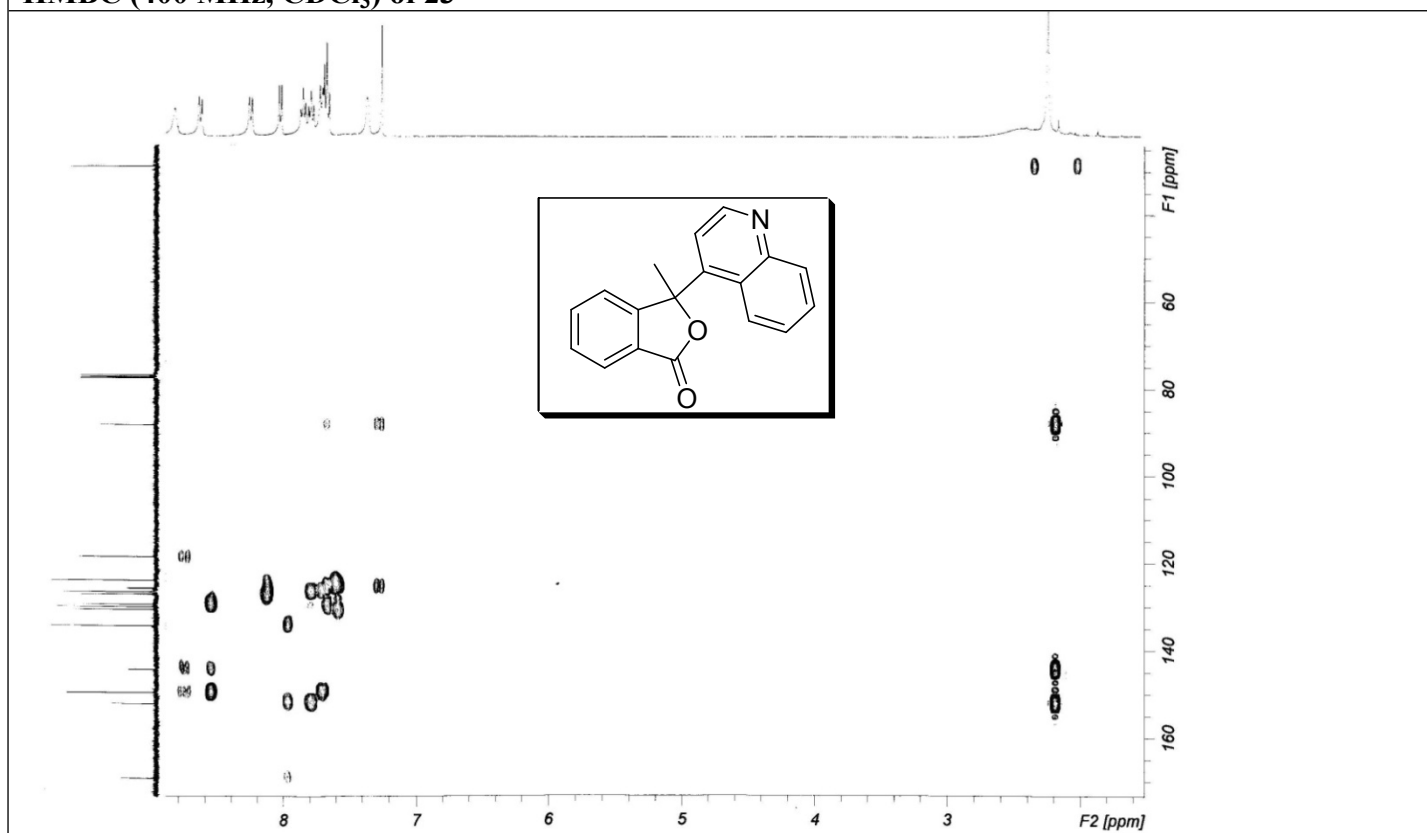
^1H NMR (400 MHz, CDCl_3) of 23



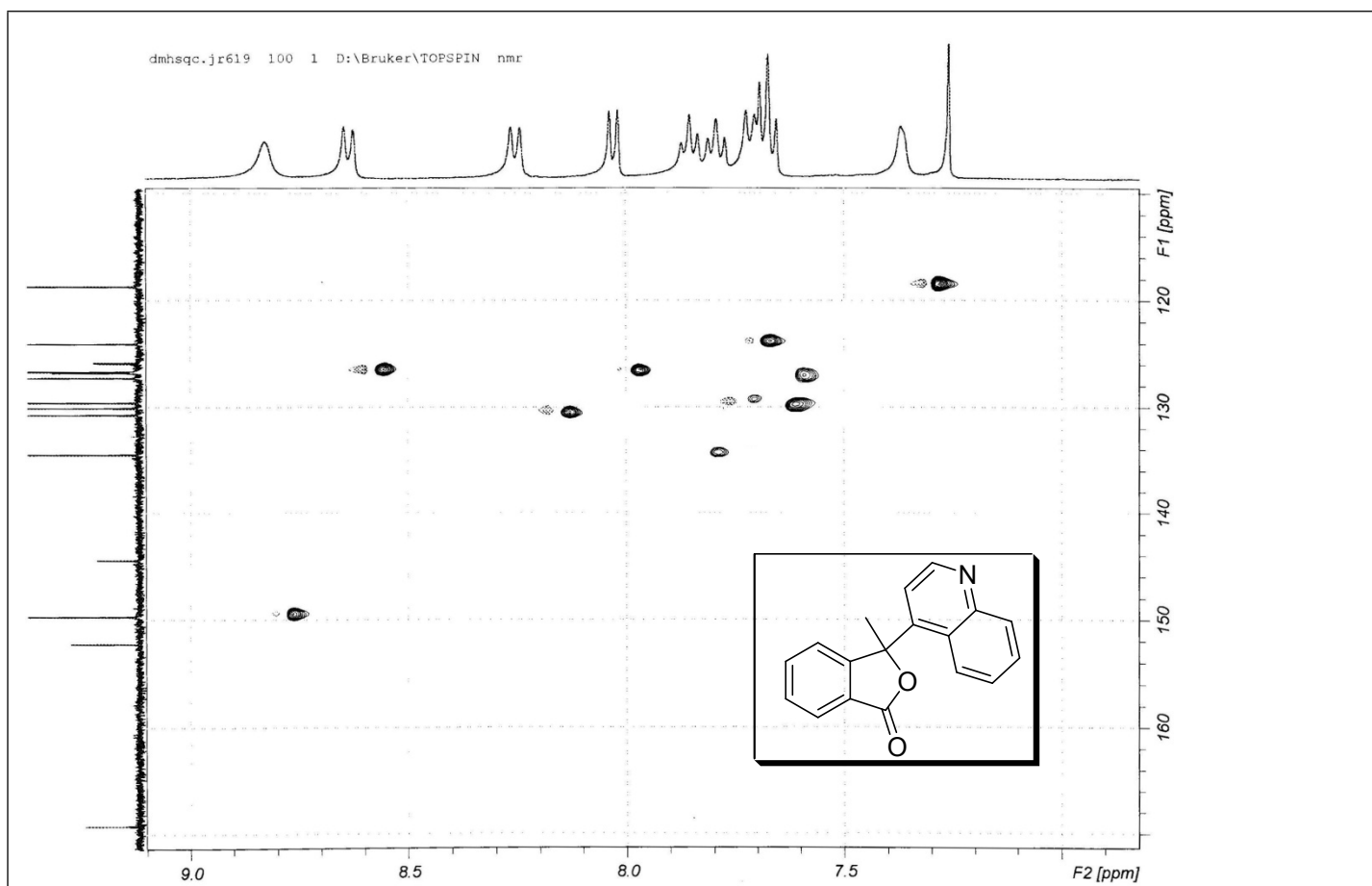
^{13}C NMR (100 MHz, CDCl_3) of 23



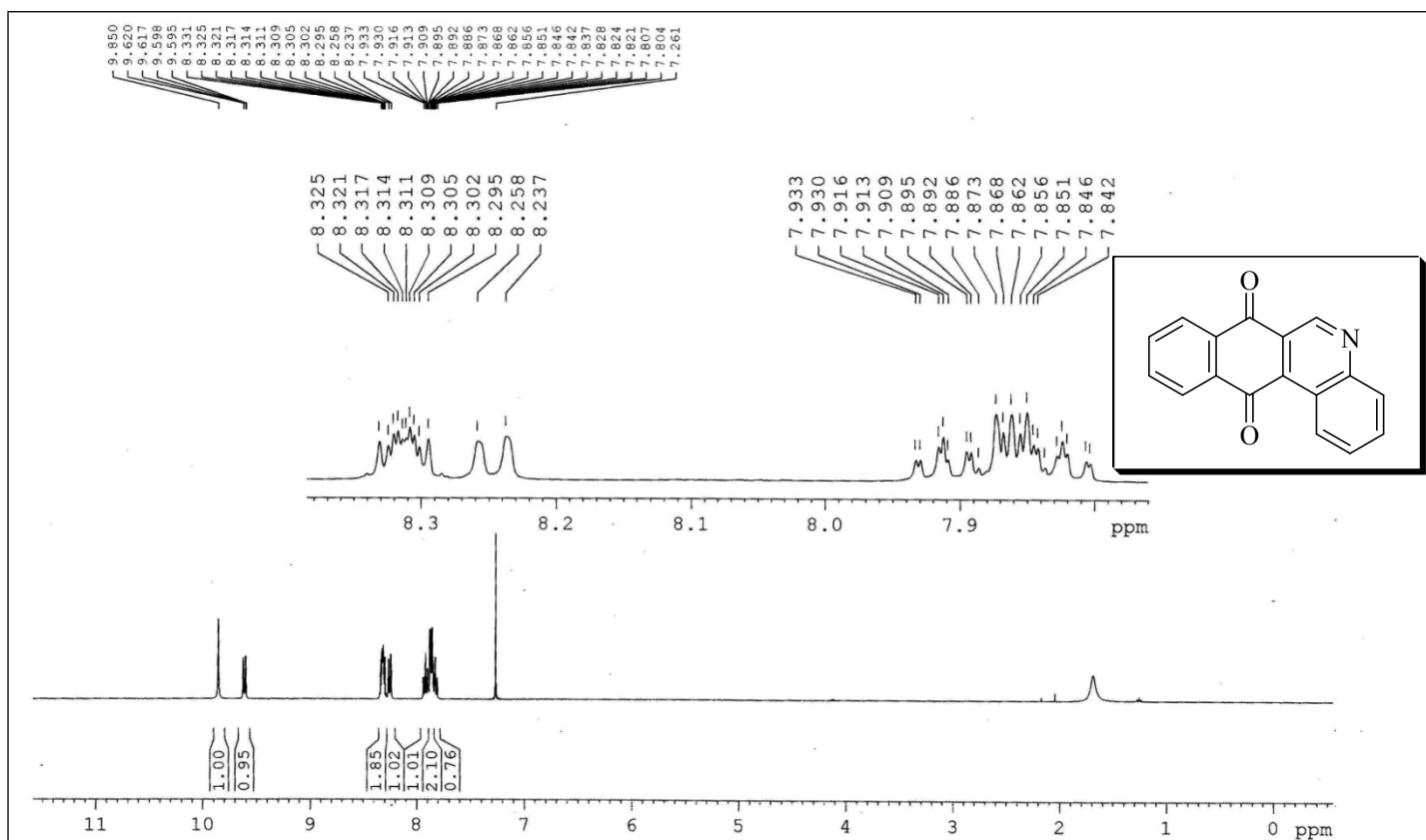
HMBC (400 MHz, CDCl₃) of 23



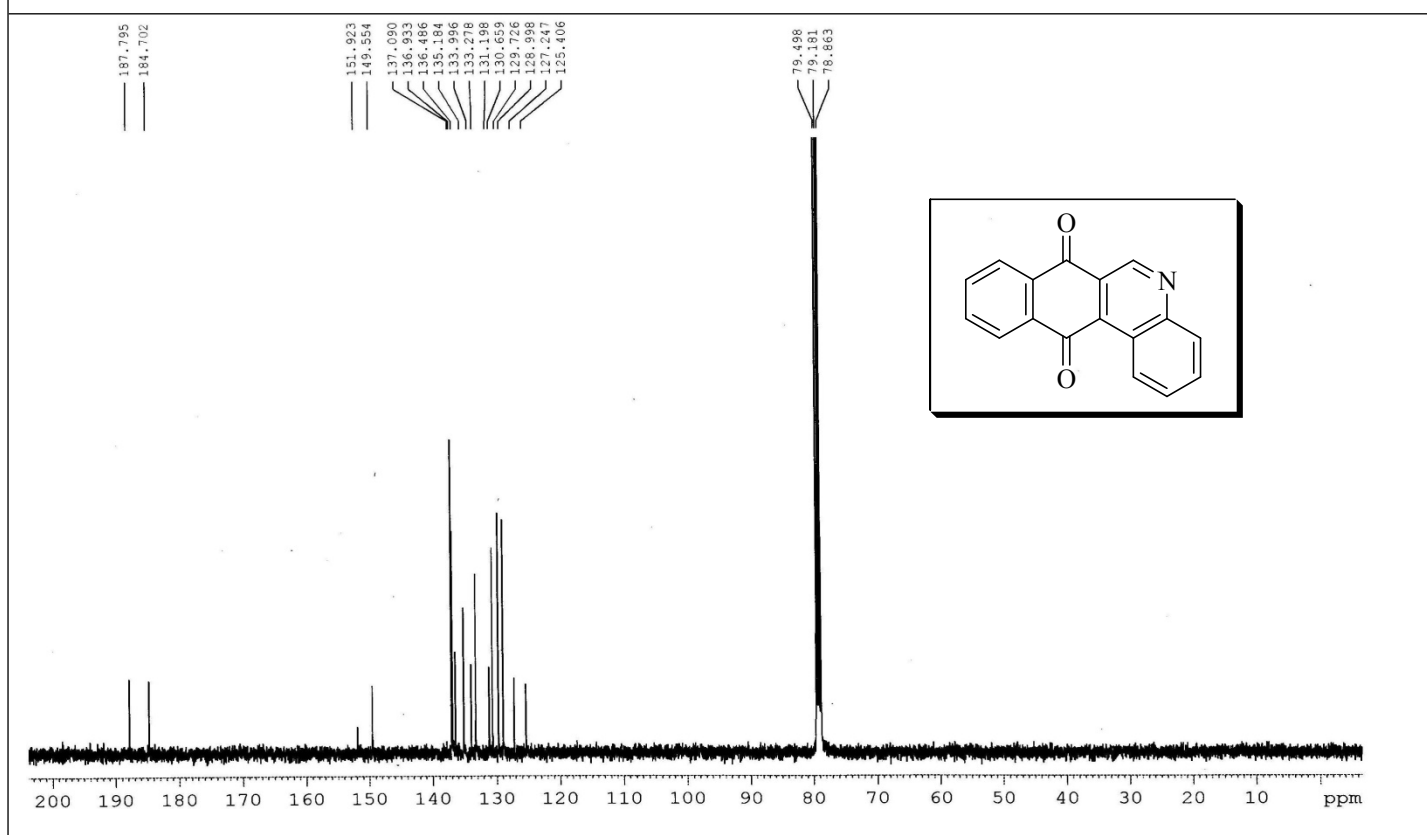
HSQC (400 MHz, CDCl₃) of 23



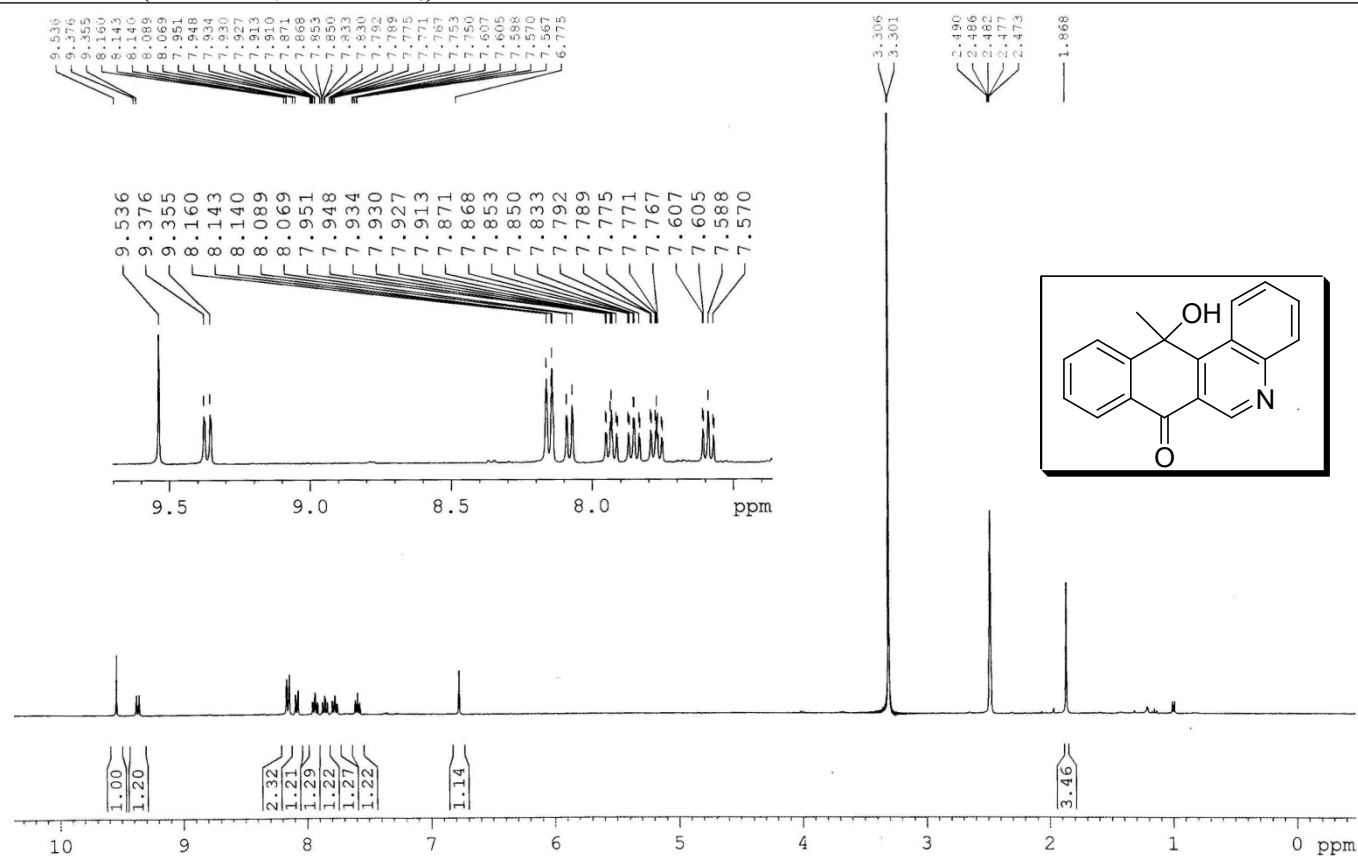
^1H NMR (400 MHz, CDCl_3) of 24



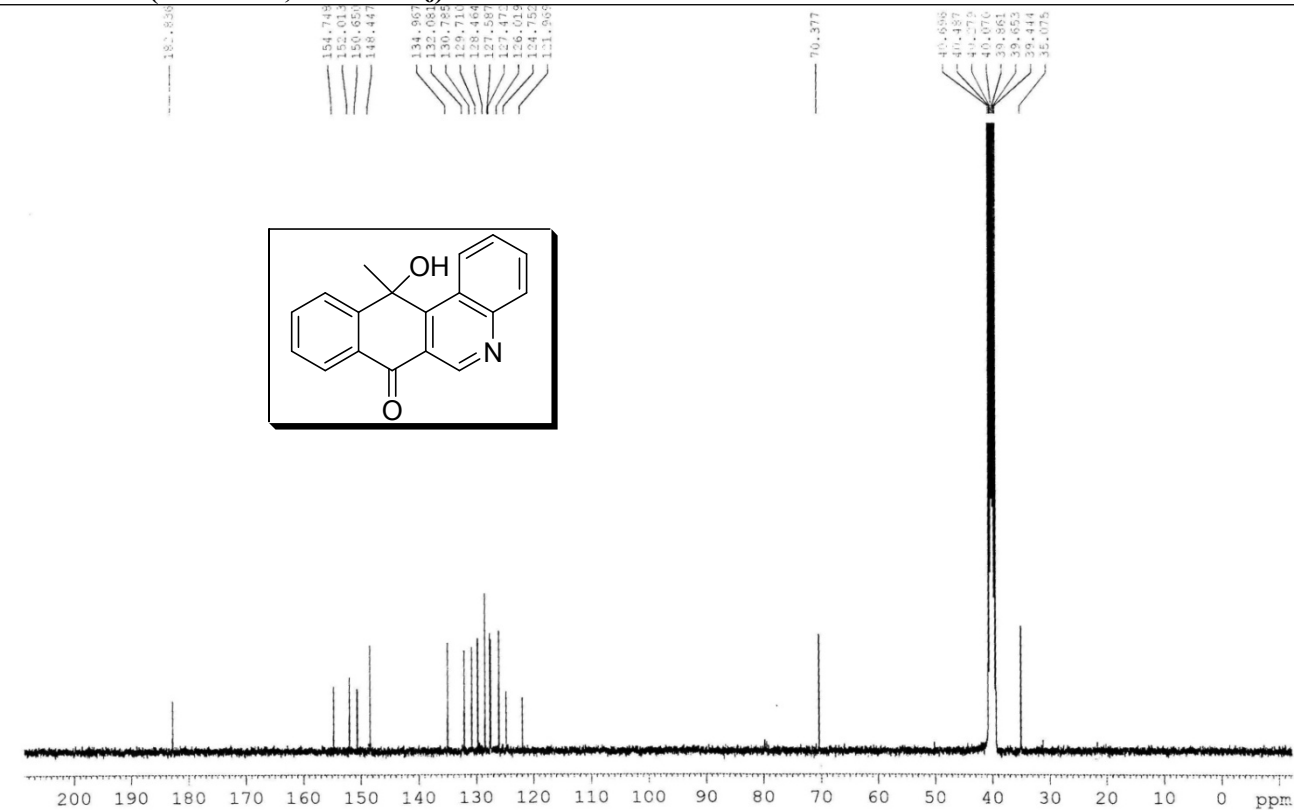
¹³C NMR (100 MHz, CDCl₃) of 24



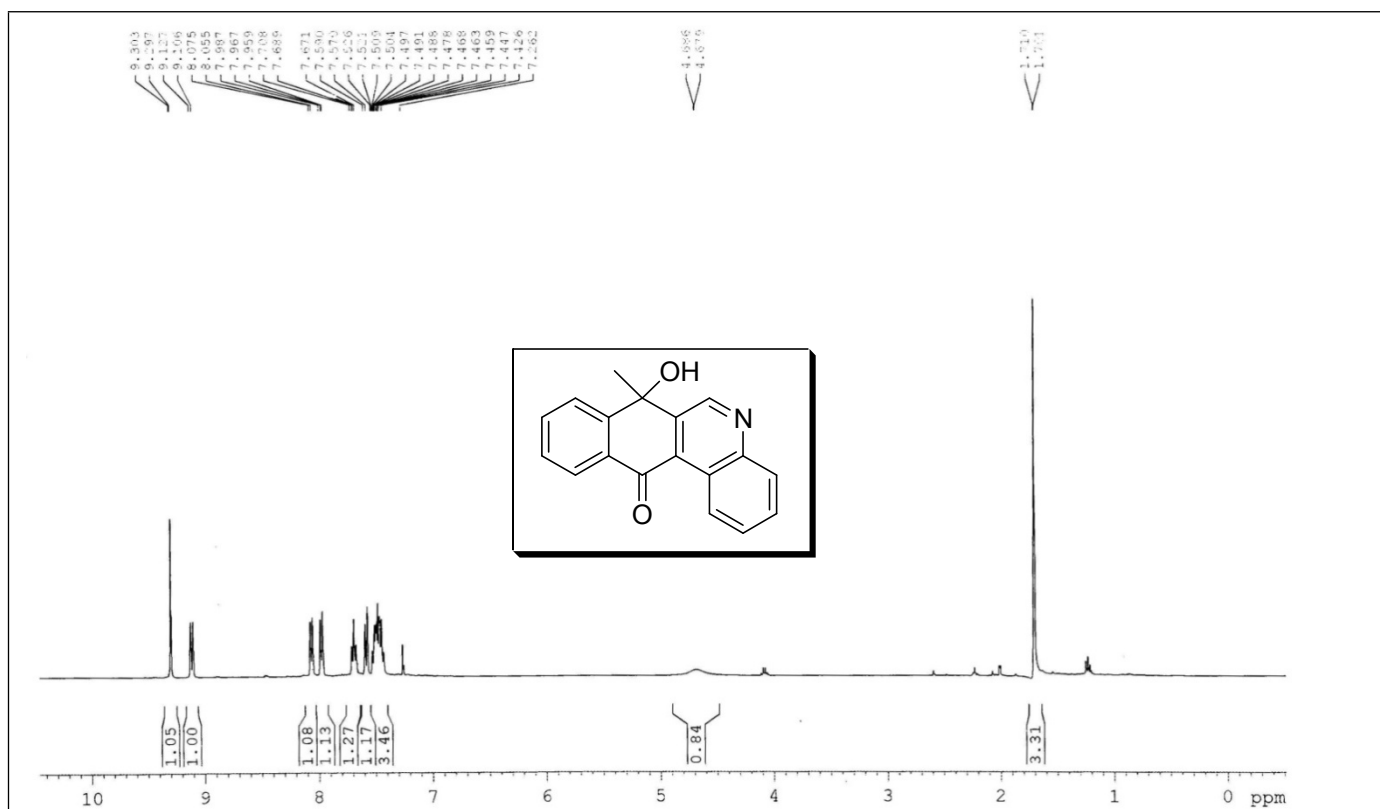
^1H NMR (400 MHz, DMSO-d_6) of 25



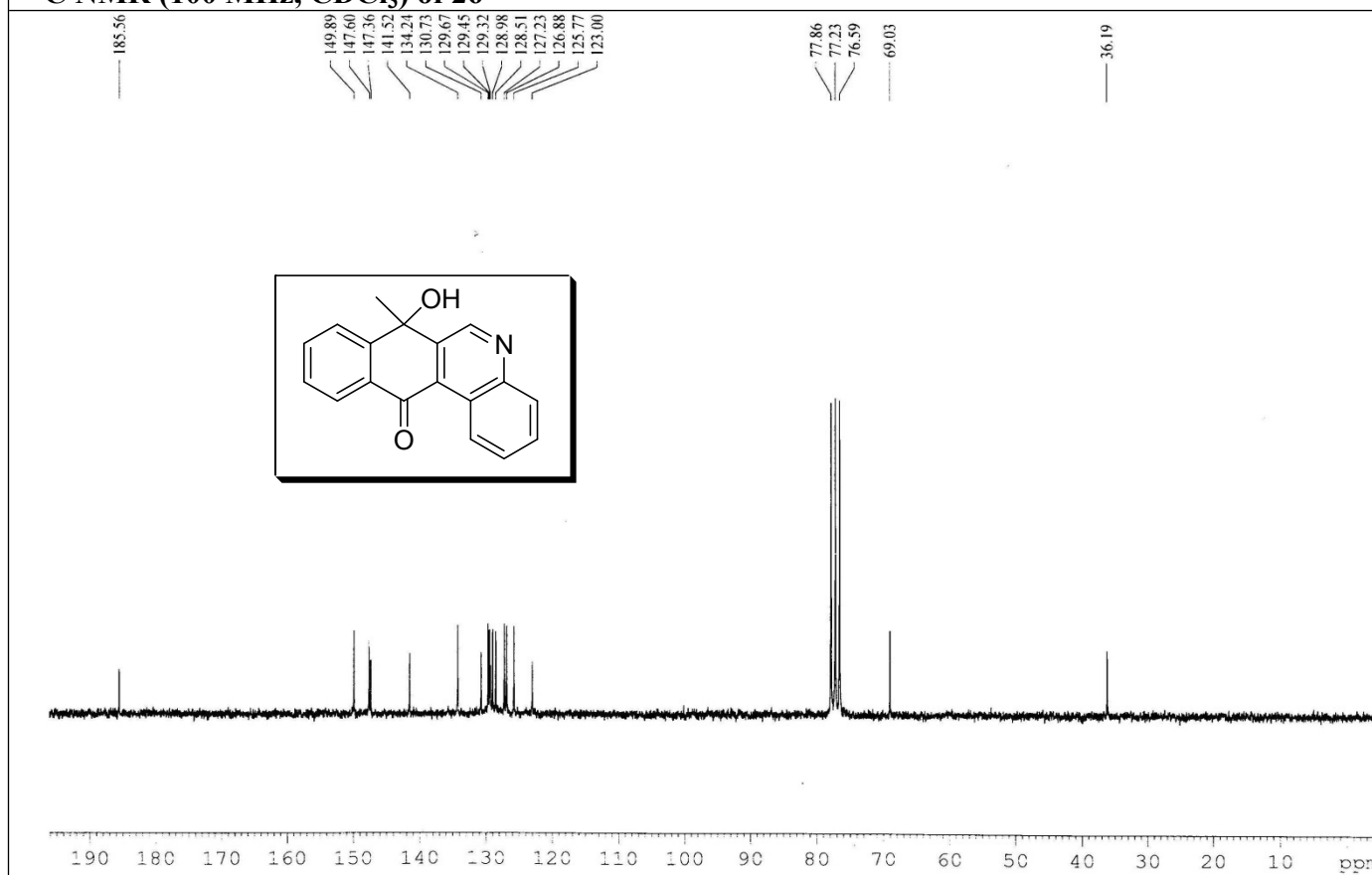
^{13}C NMR (100 MHz, DMSO-d_6) of 25



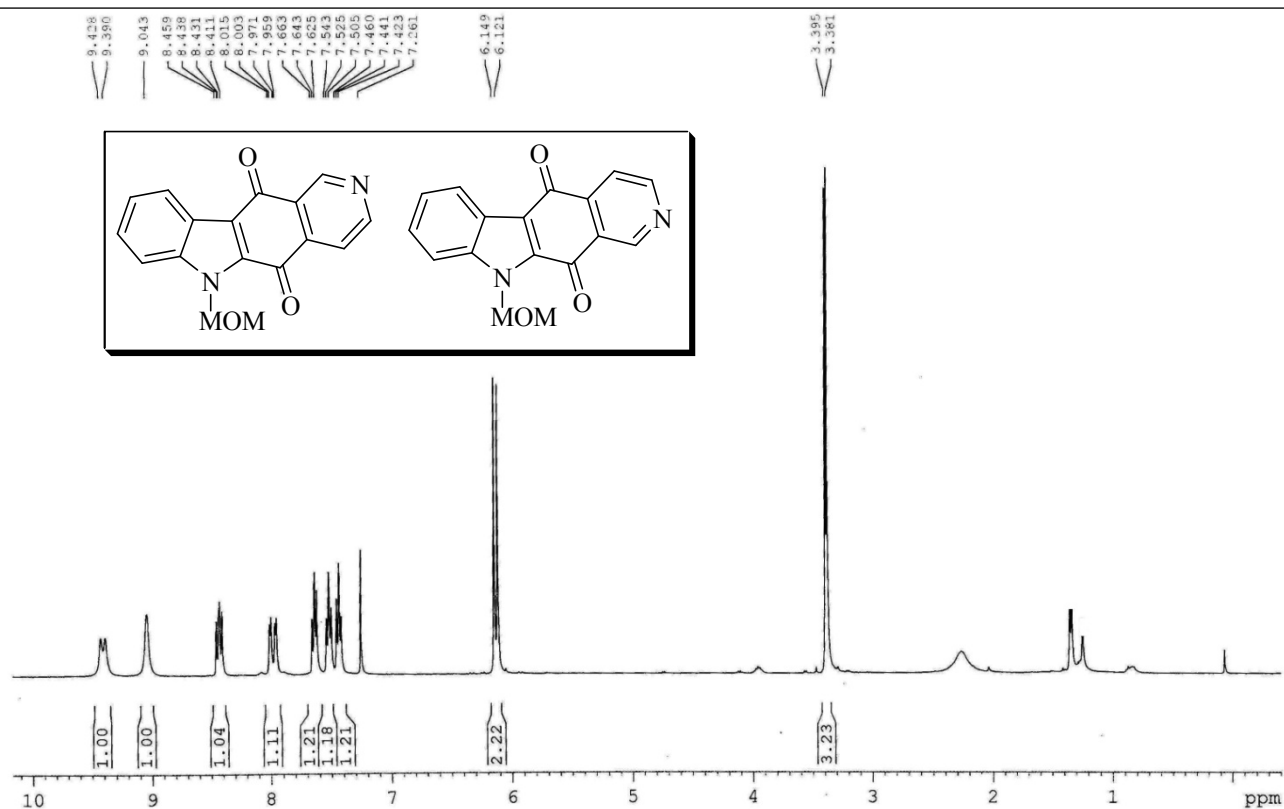
^1H NMR (400 MHz, CDCl_3) of 26



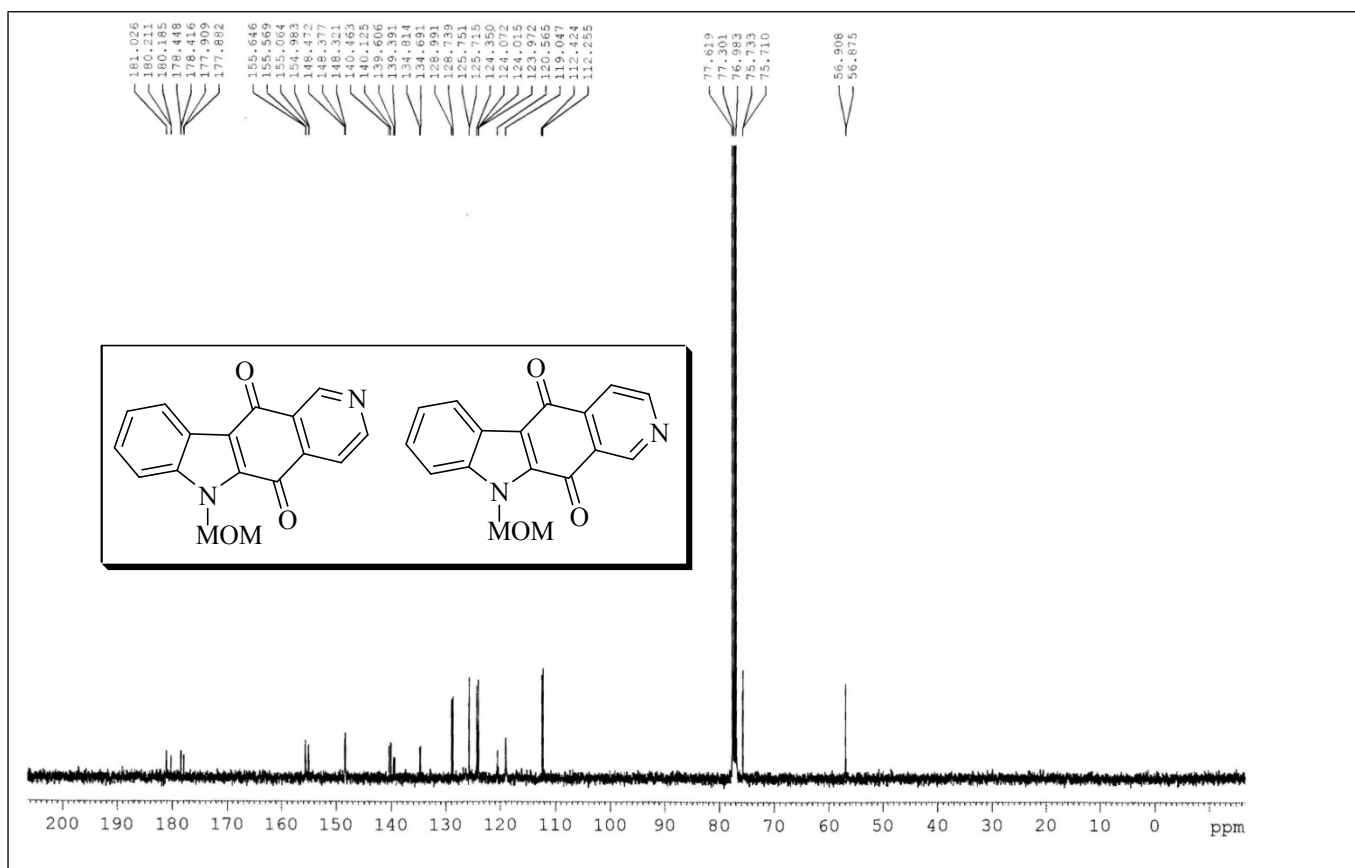
¹³C NMR (100 MHz, CDCl₃) of 26



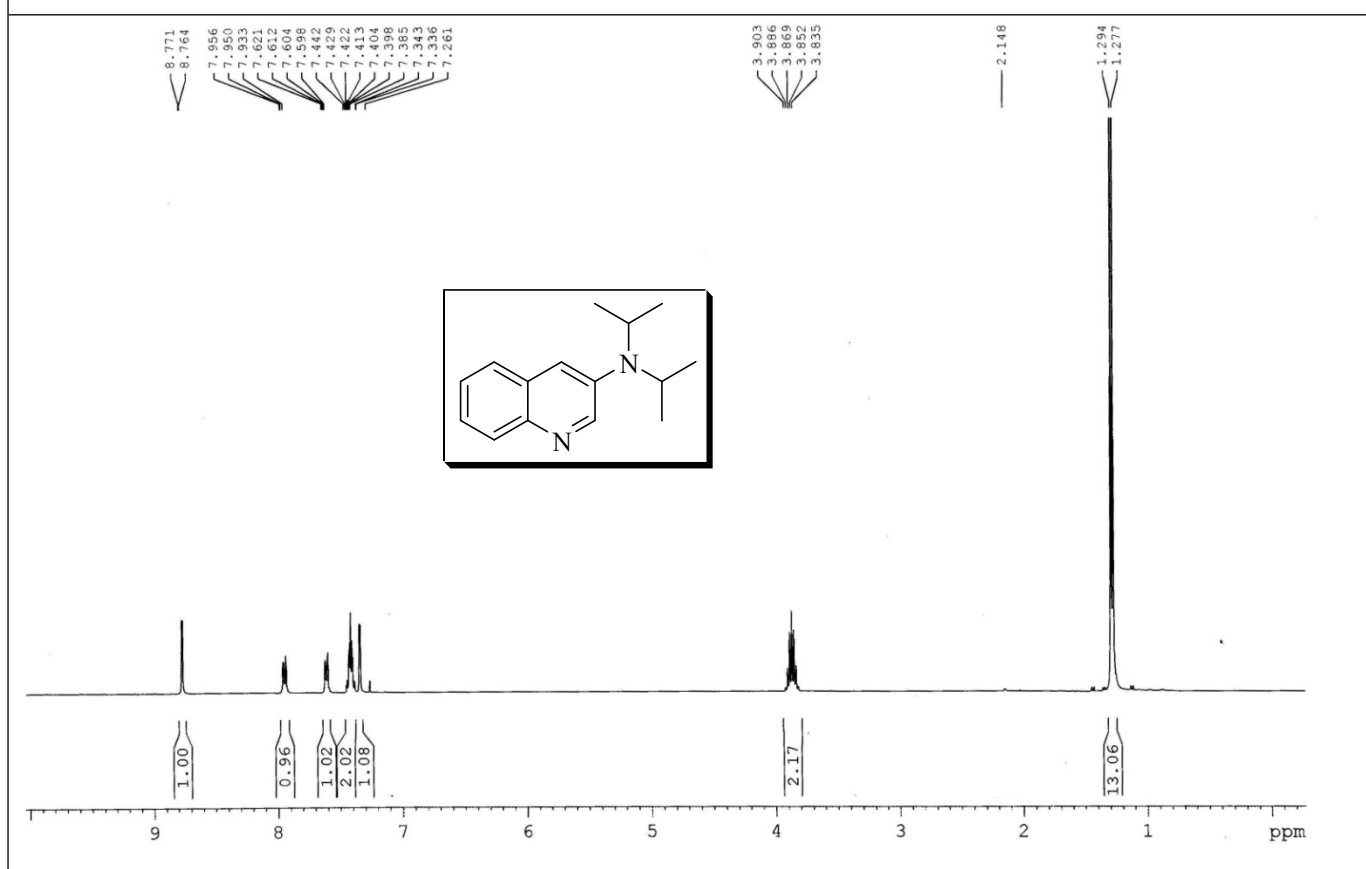
^1H NMR (400 MHz, CDCl_3) of 27 & 28 (as mixture)



^{13}C NMR (100 MHz, CDCl_3) of 27 & 28 (as mixture)



¹H NMR (400 MHz, CDCl₃) of 29



^{13}C NMR (100 MHz, CDCl_3) of 29

