Supplementary Material

Palladium-catalyzed synthesis of indenoindoles *via* C-H activation and tandem synthesis of indenoisoquinolines *via* Suzuki-Miyaura coupling and annulation

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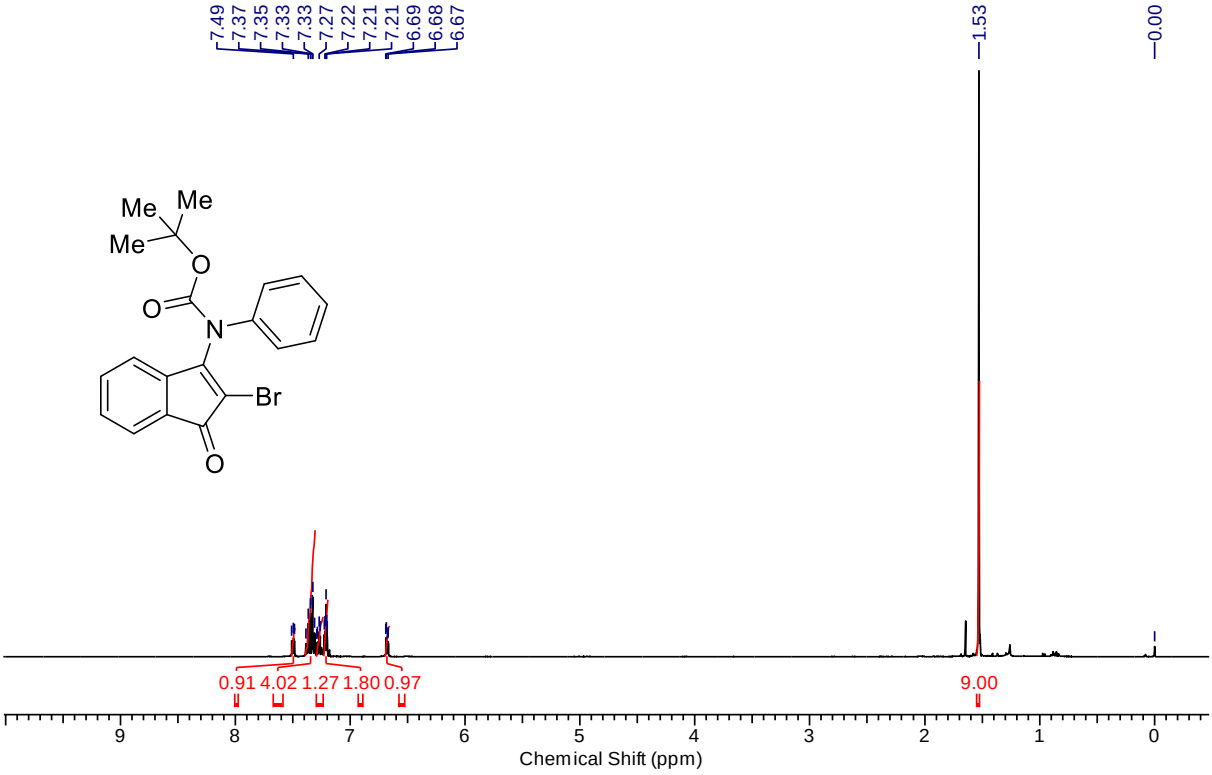
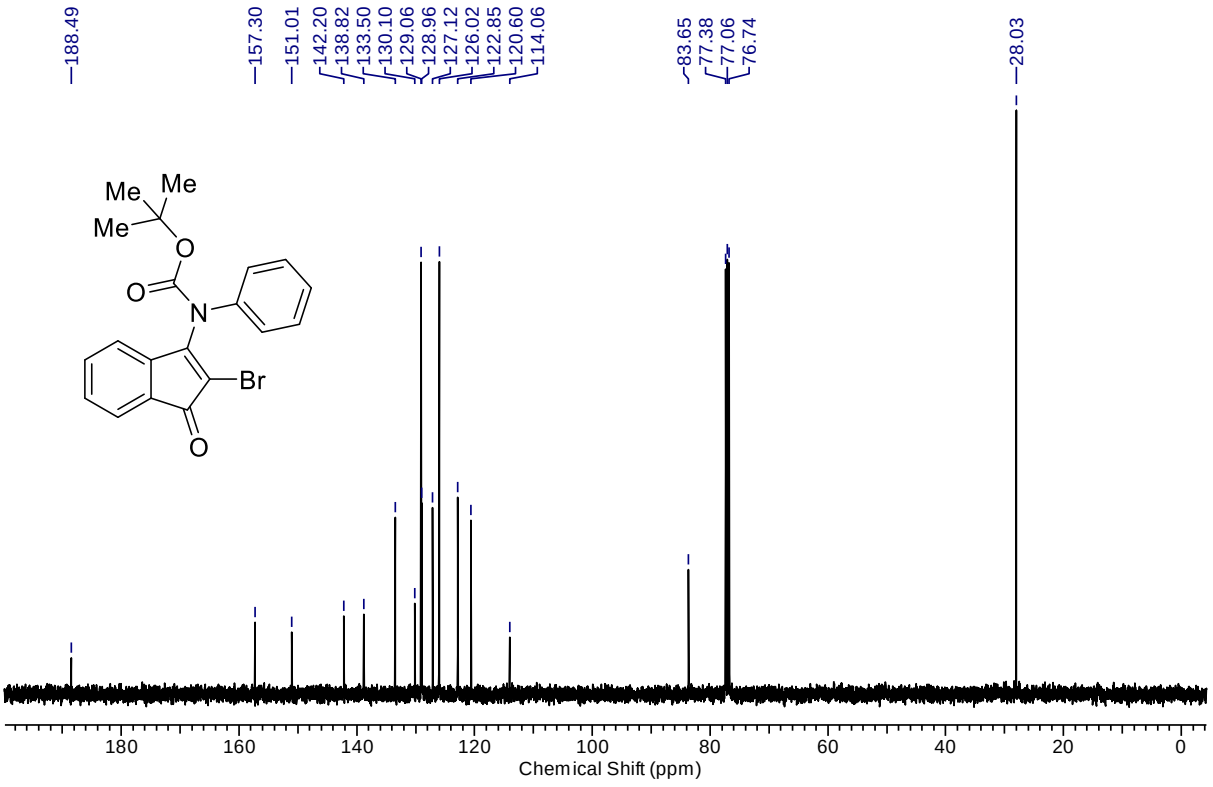
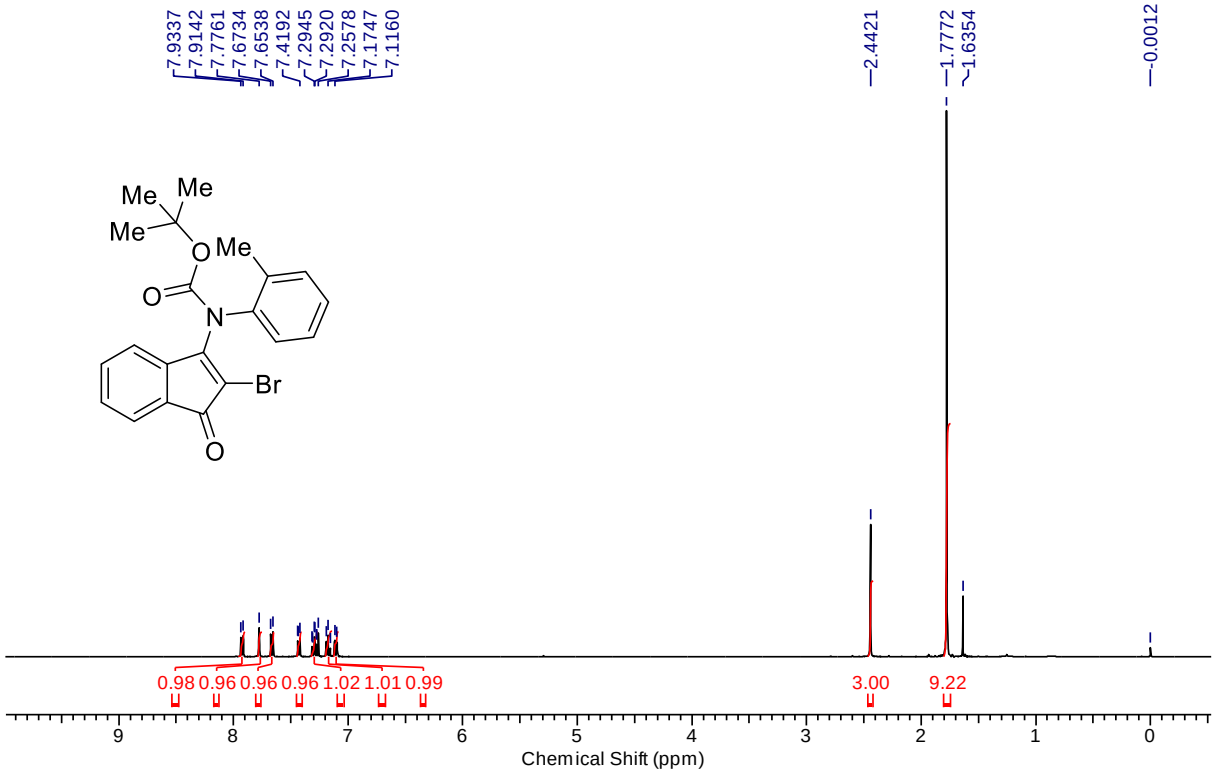
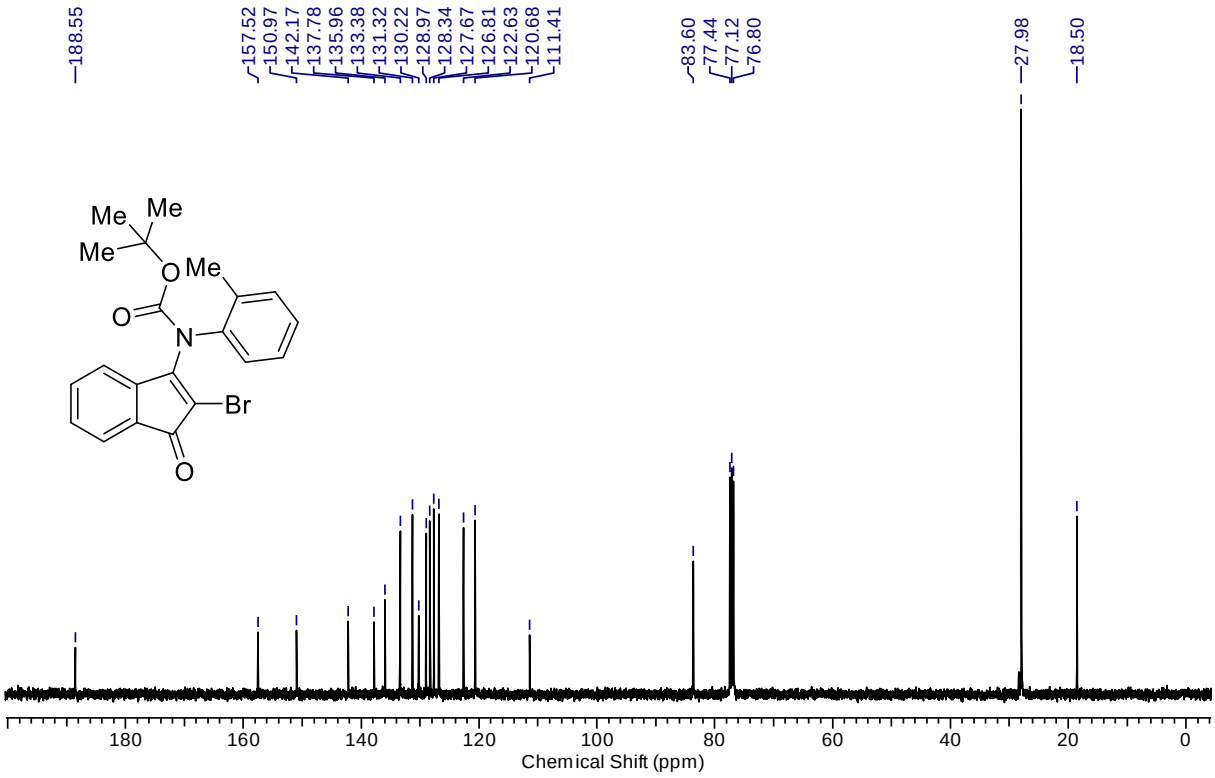
^{1}H and ^{13}C NMR spectrum of compound 1a in $CDCl_3$





^{1}H and ^{13}C NMR spectrum of compound 1b in $CDCl_3$





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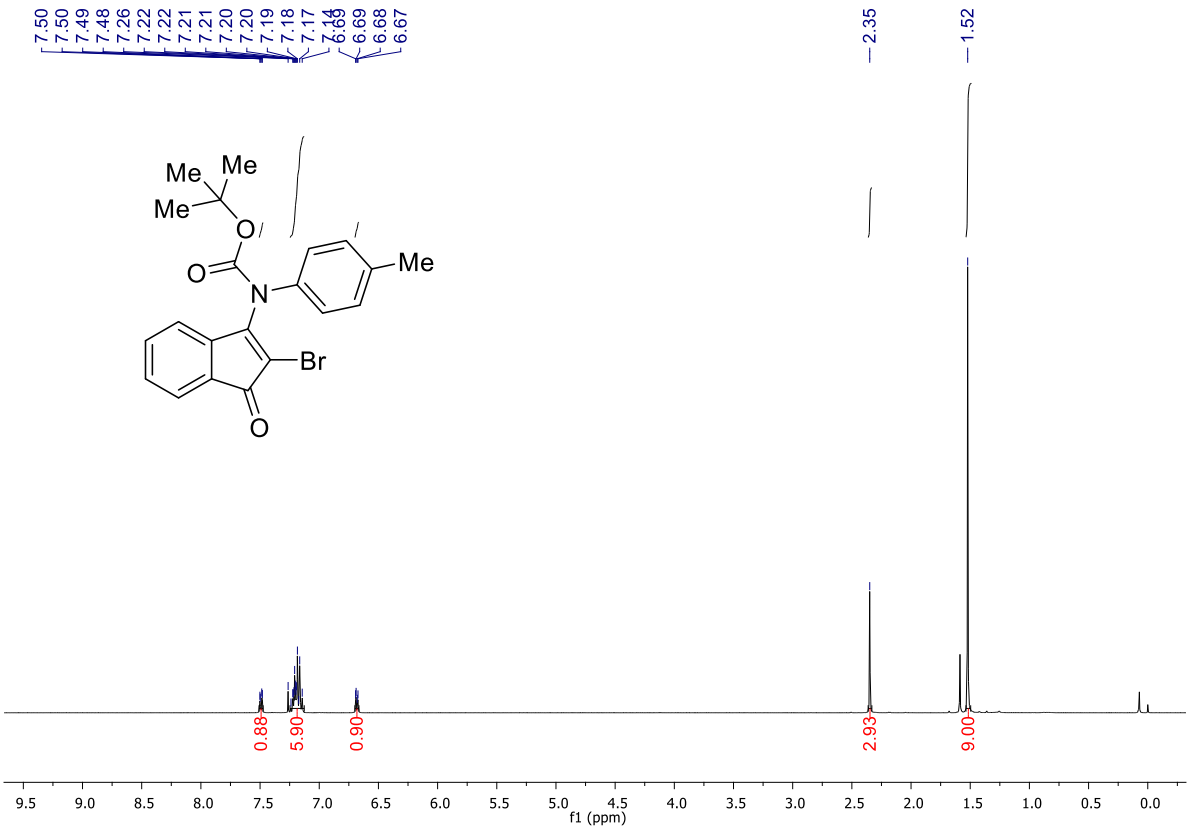

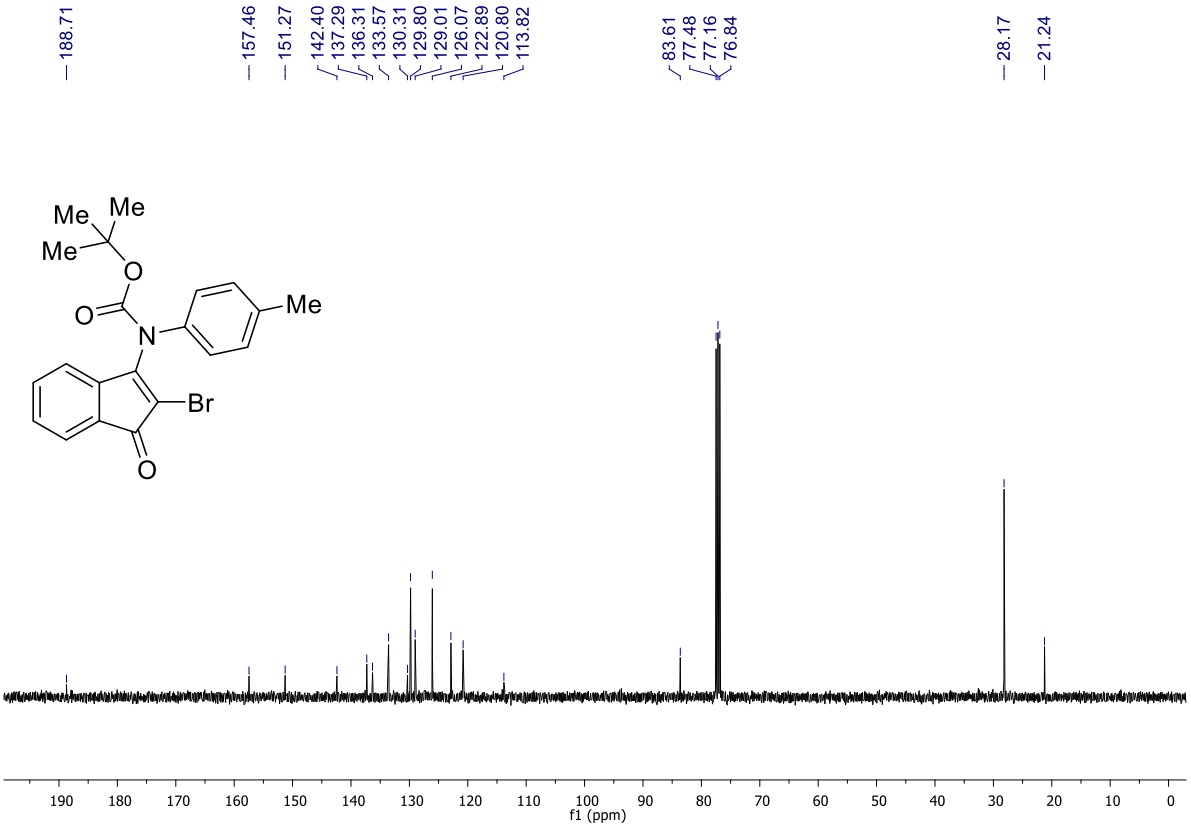

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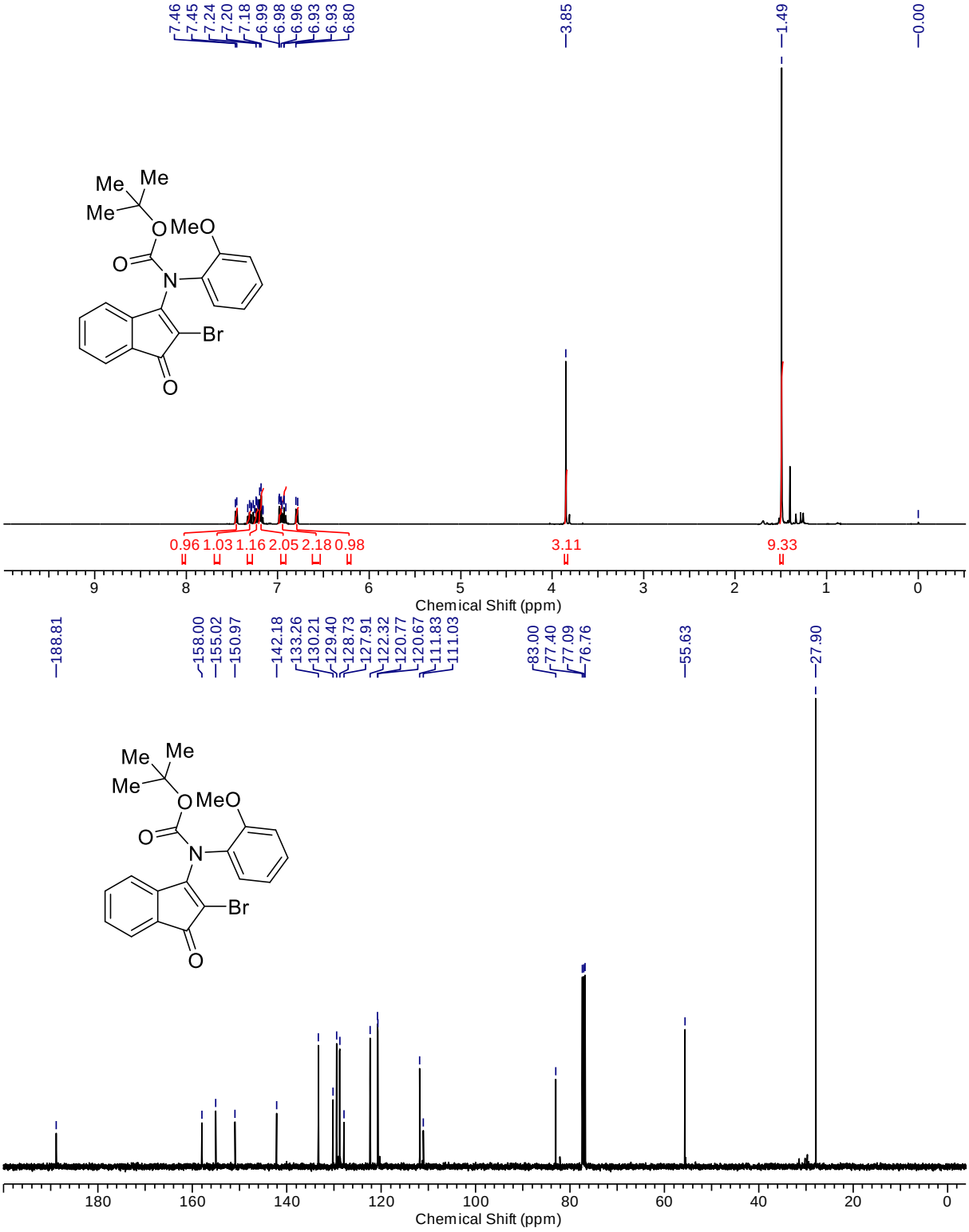

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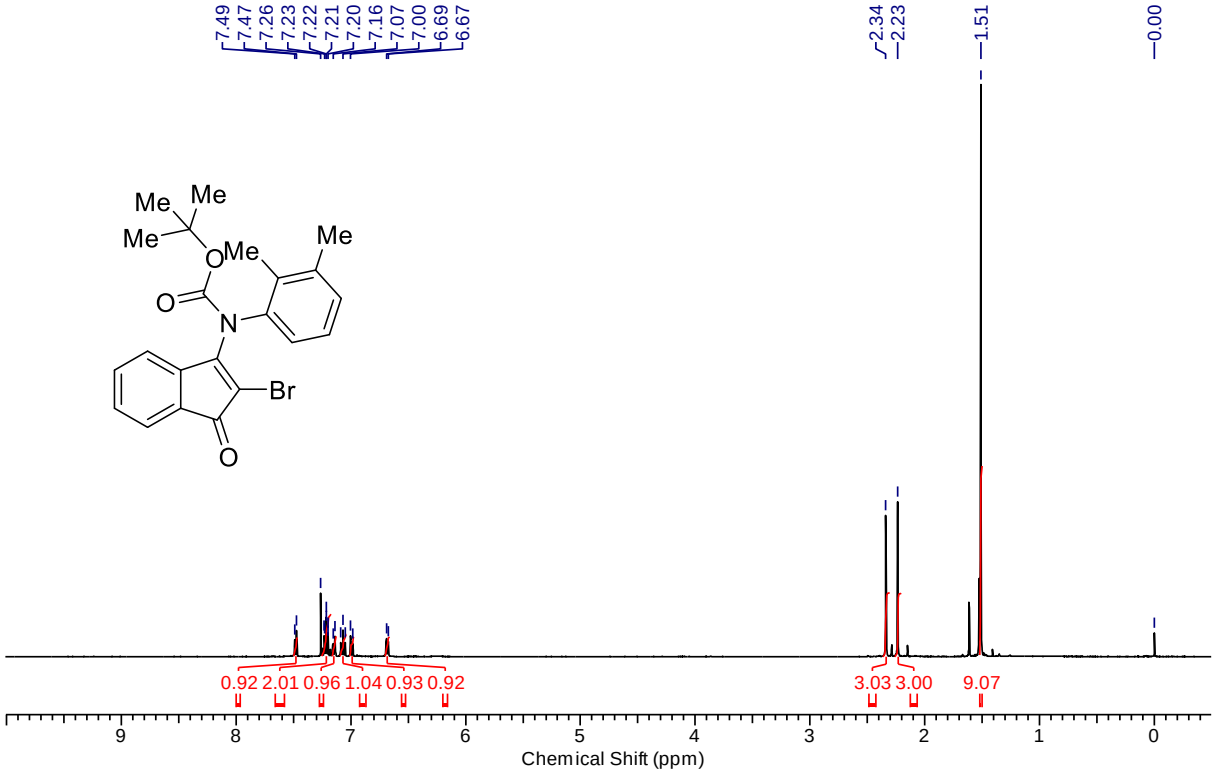

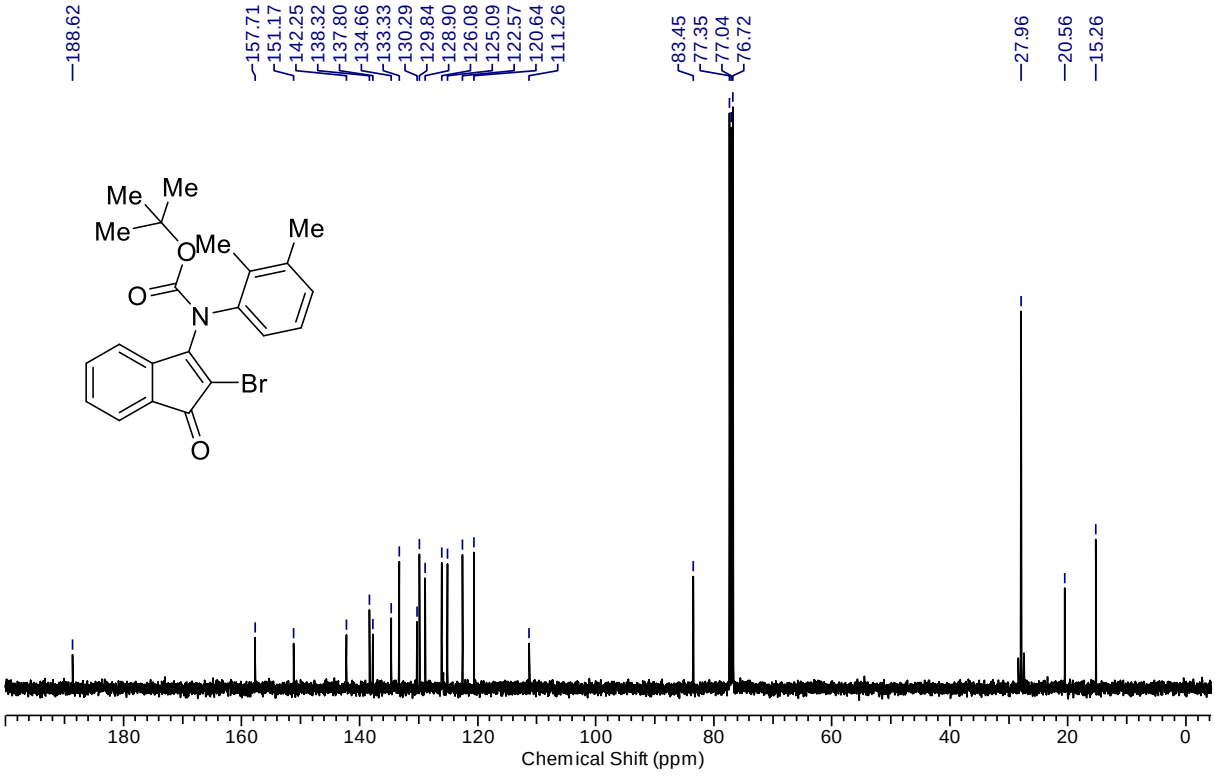

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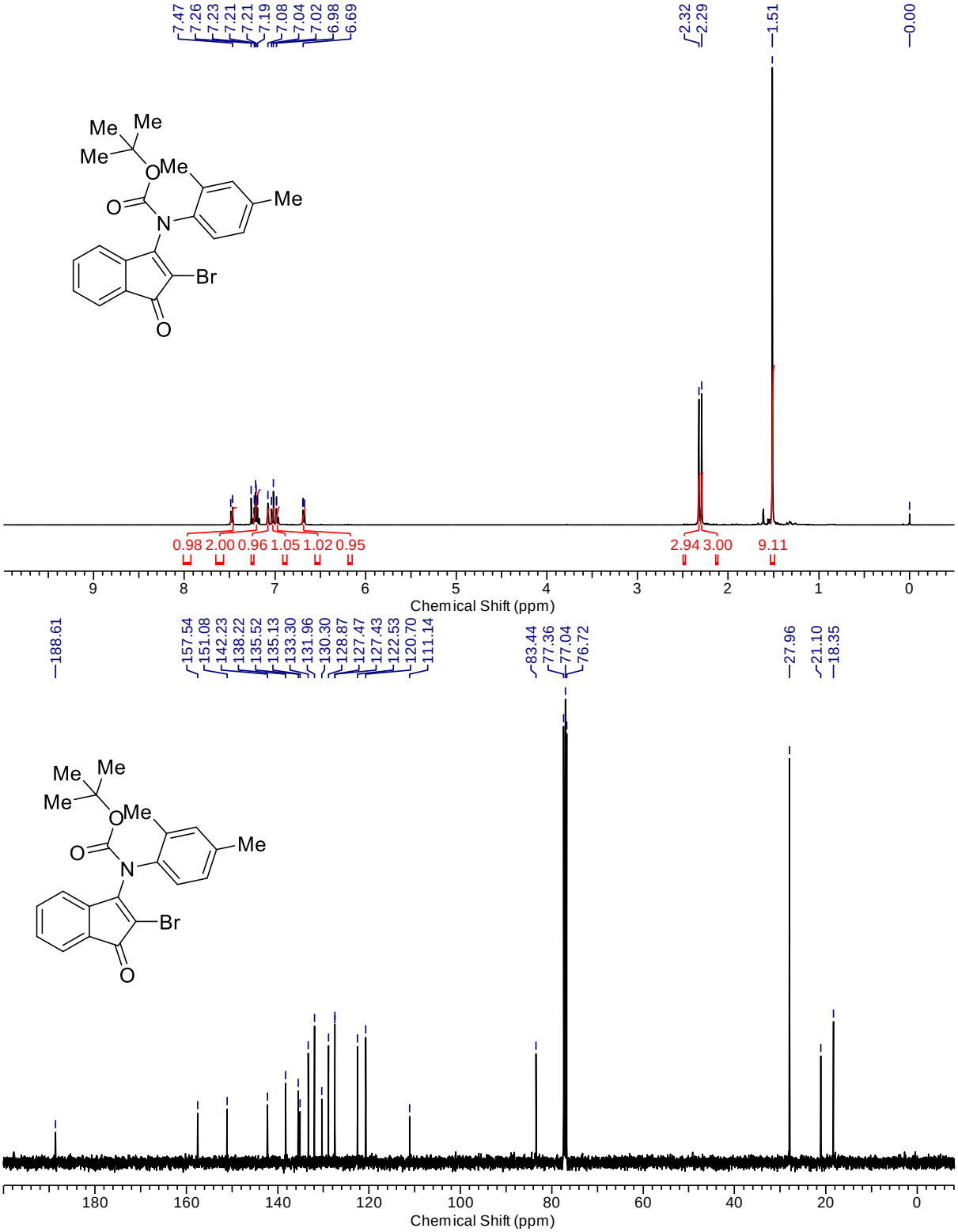

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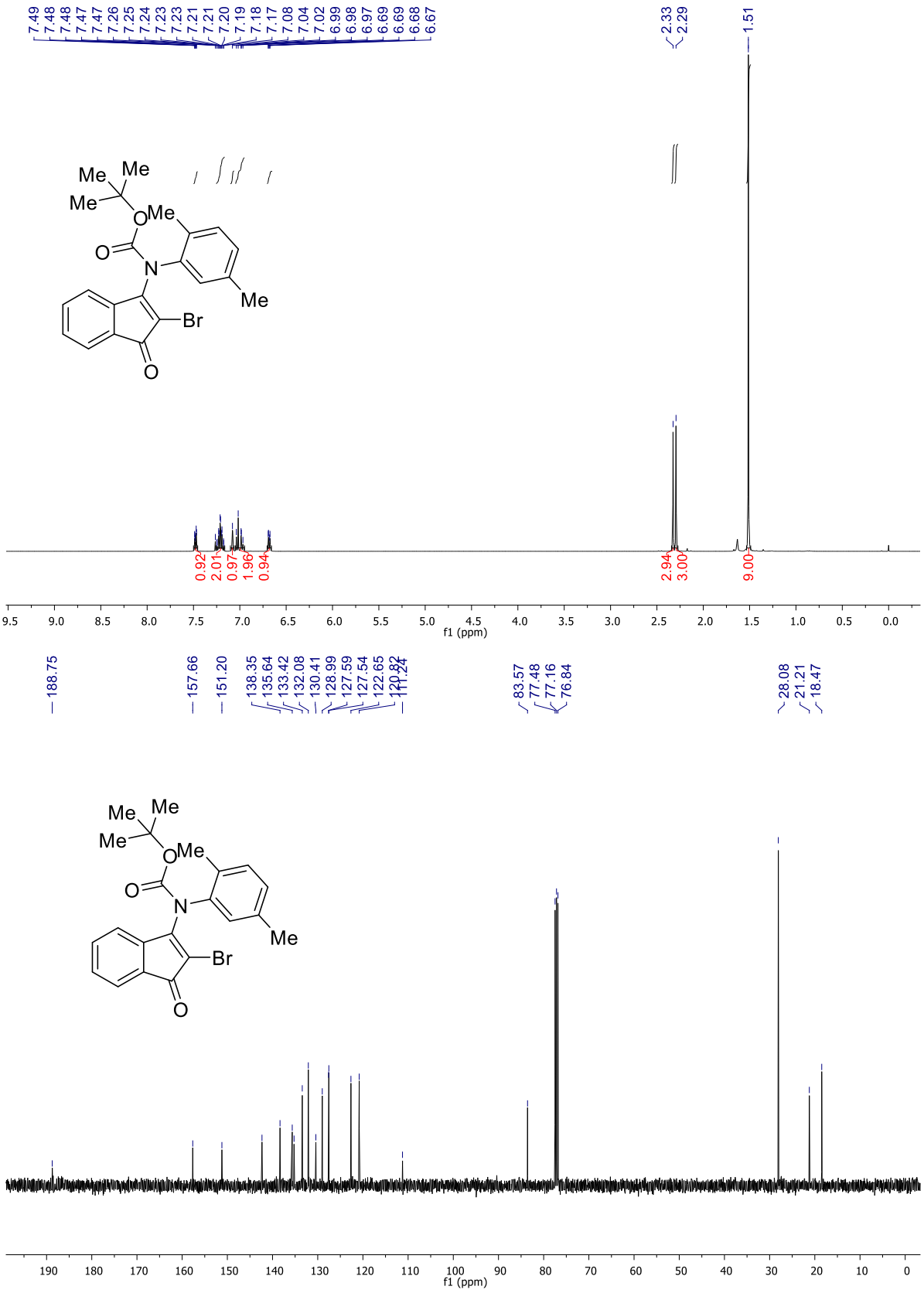

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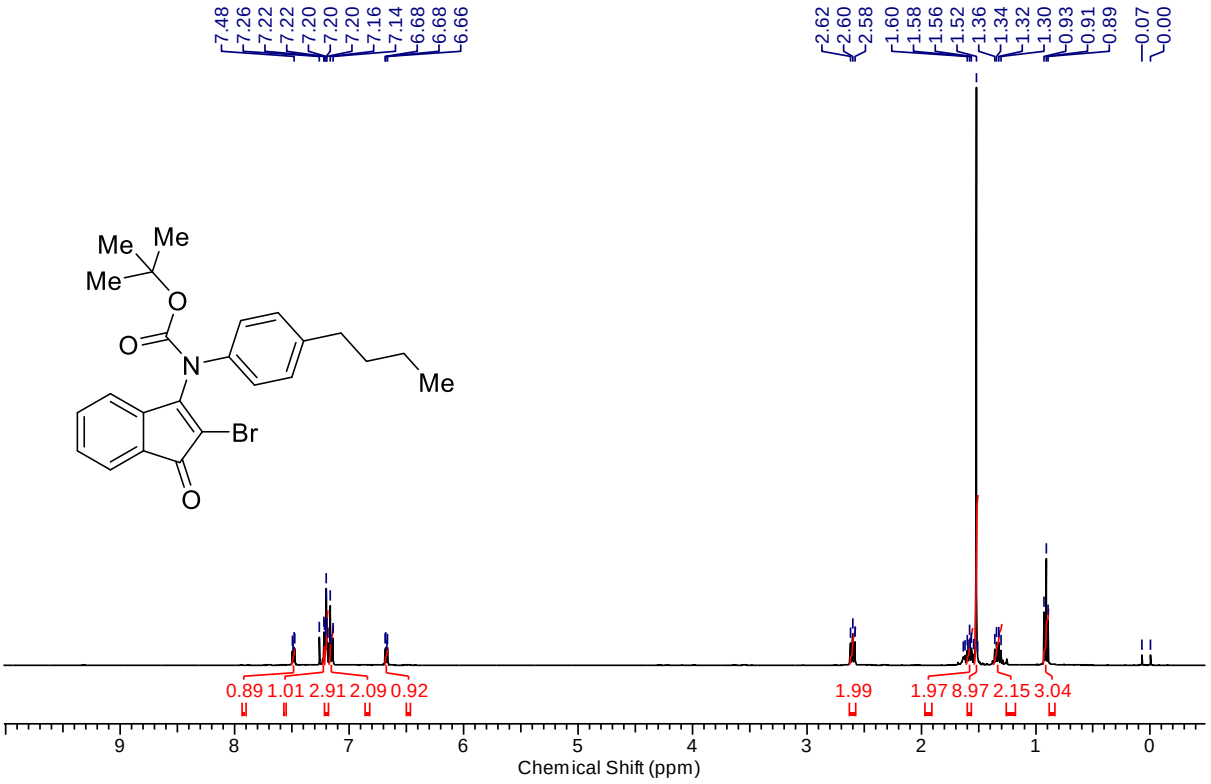
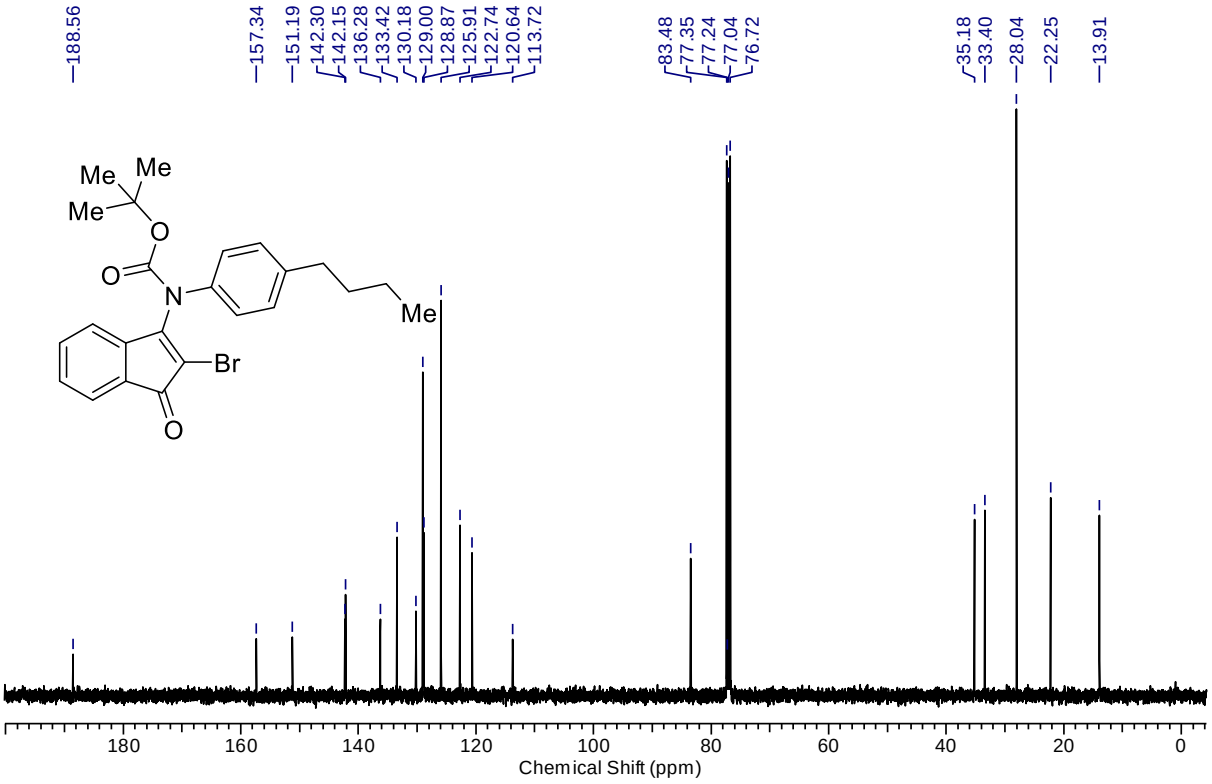
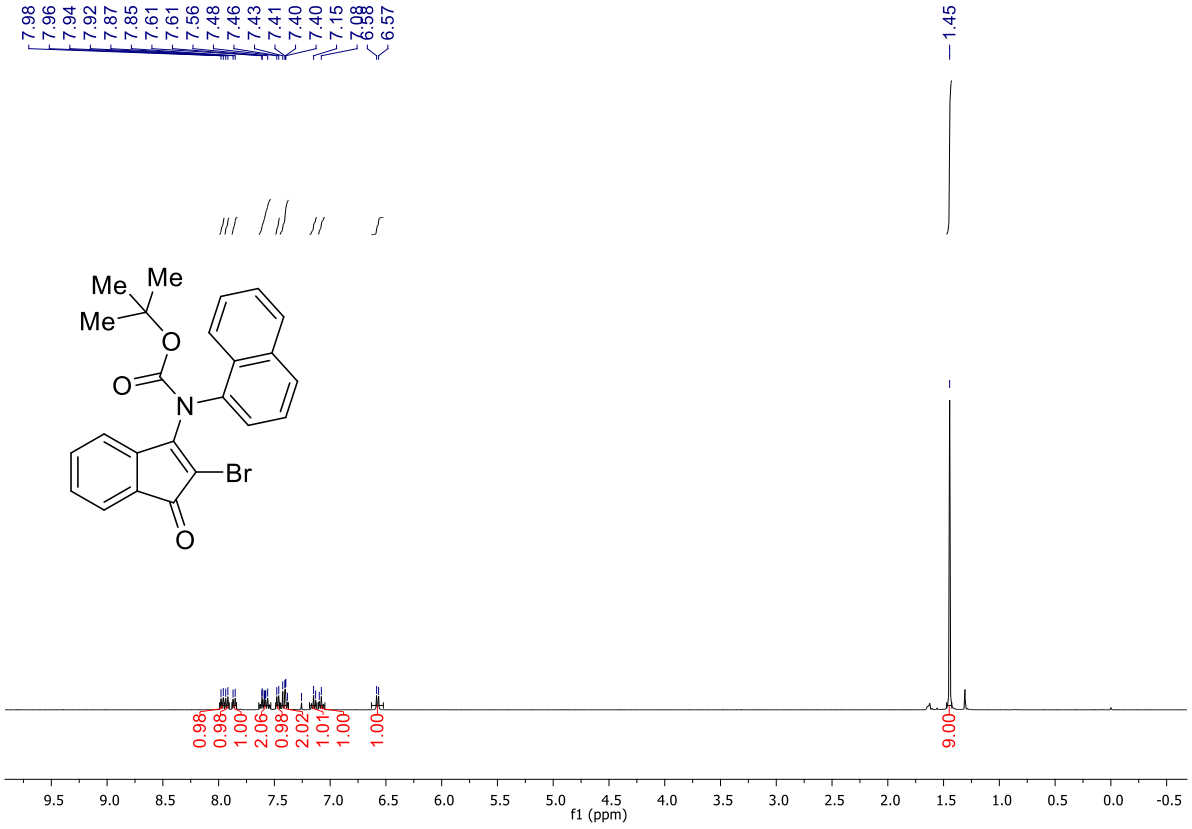
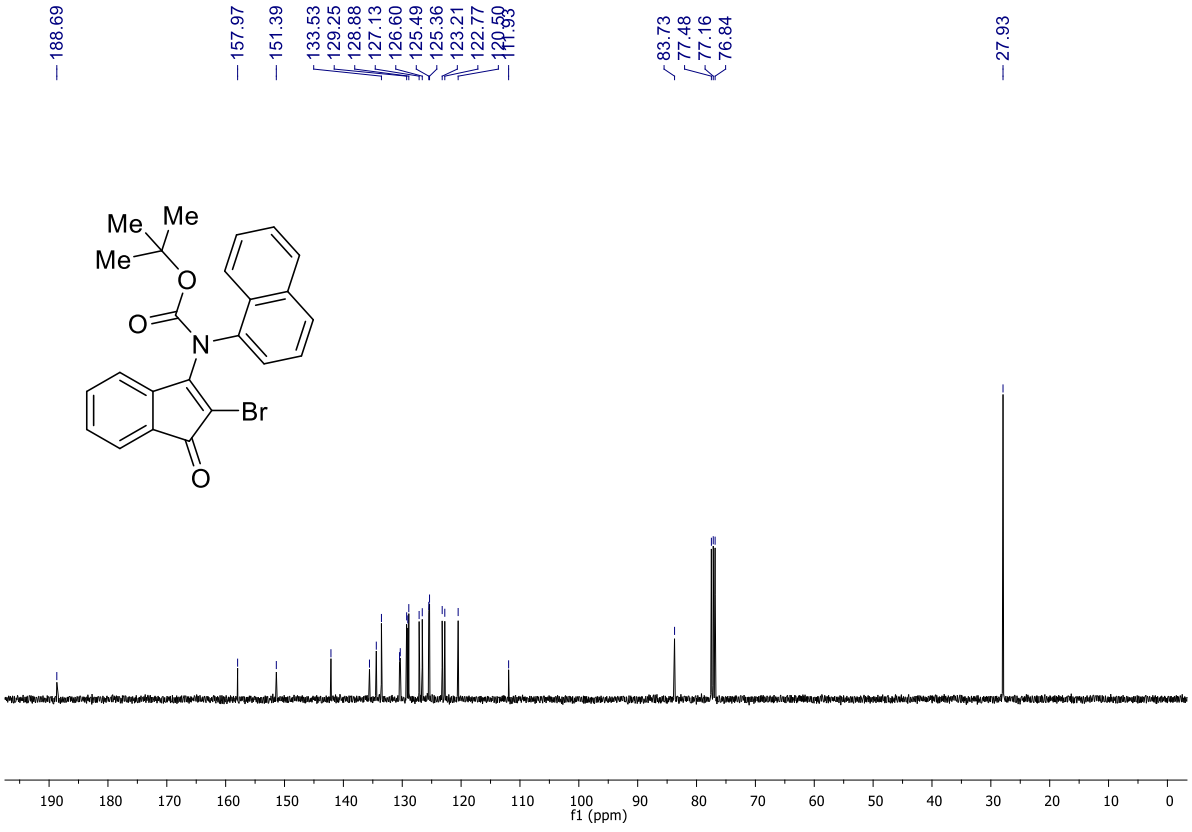




^{1}H and ^{13}C NMR spectrum of compound 1i in $CDCl_3$





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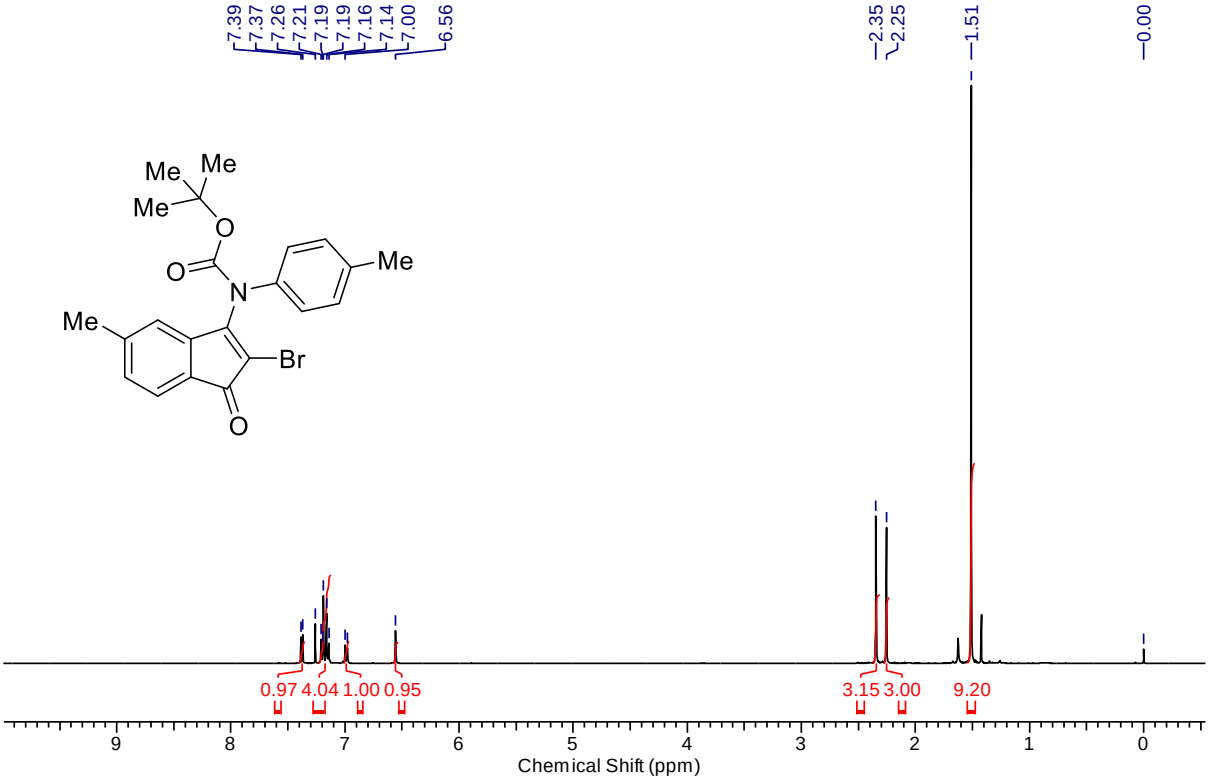

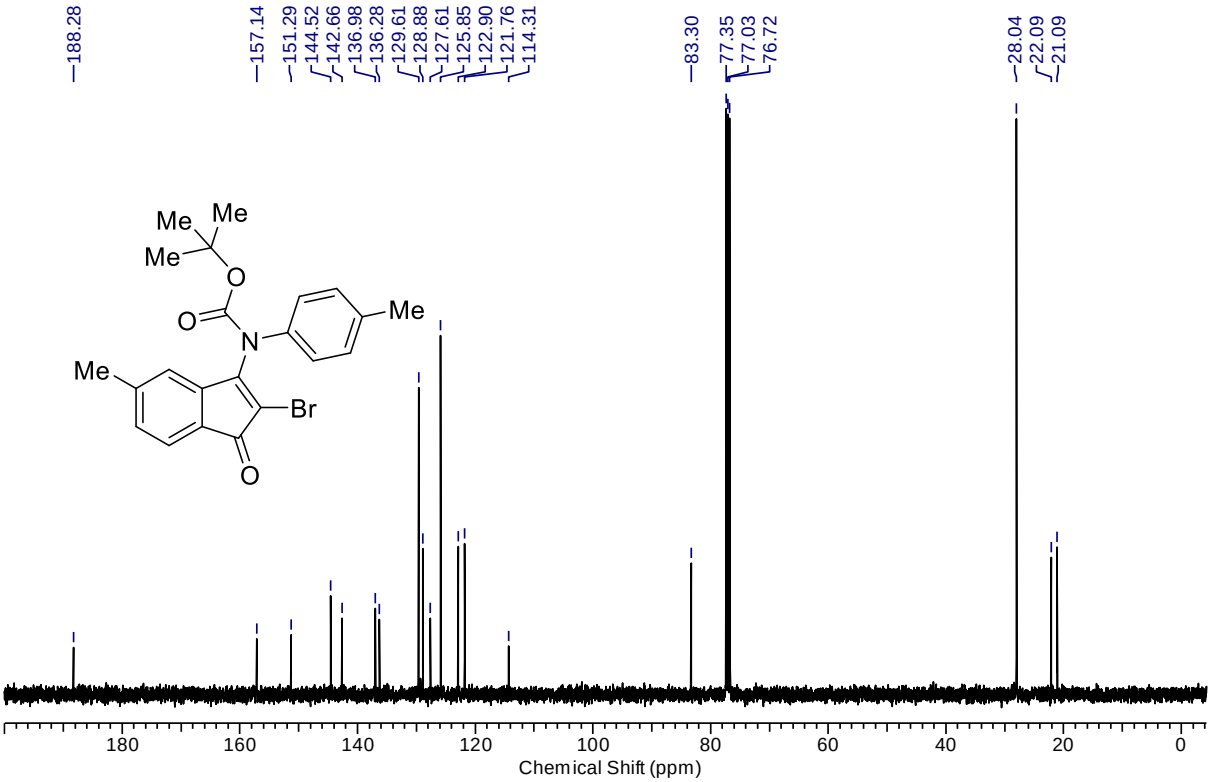

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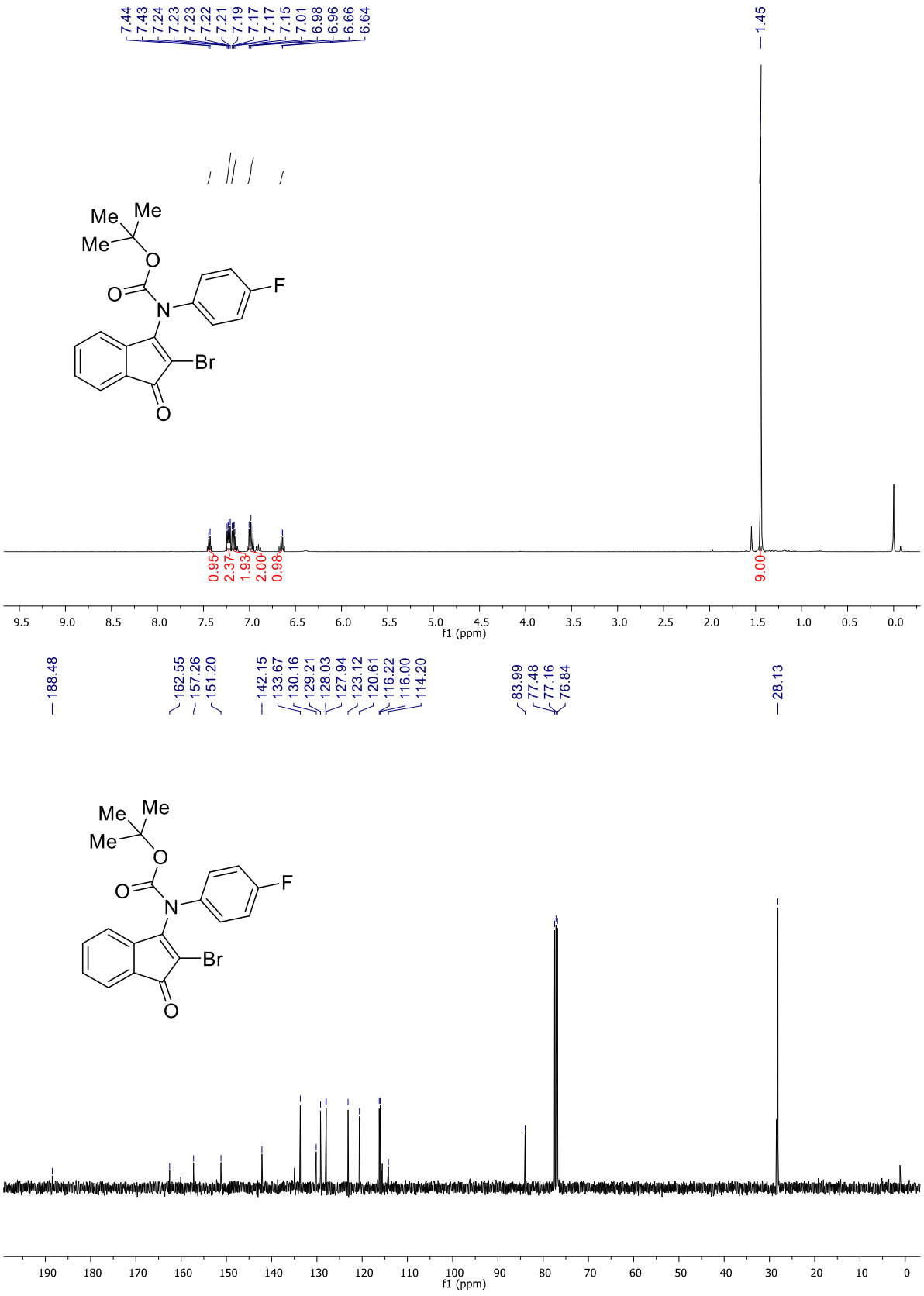

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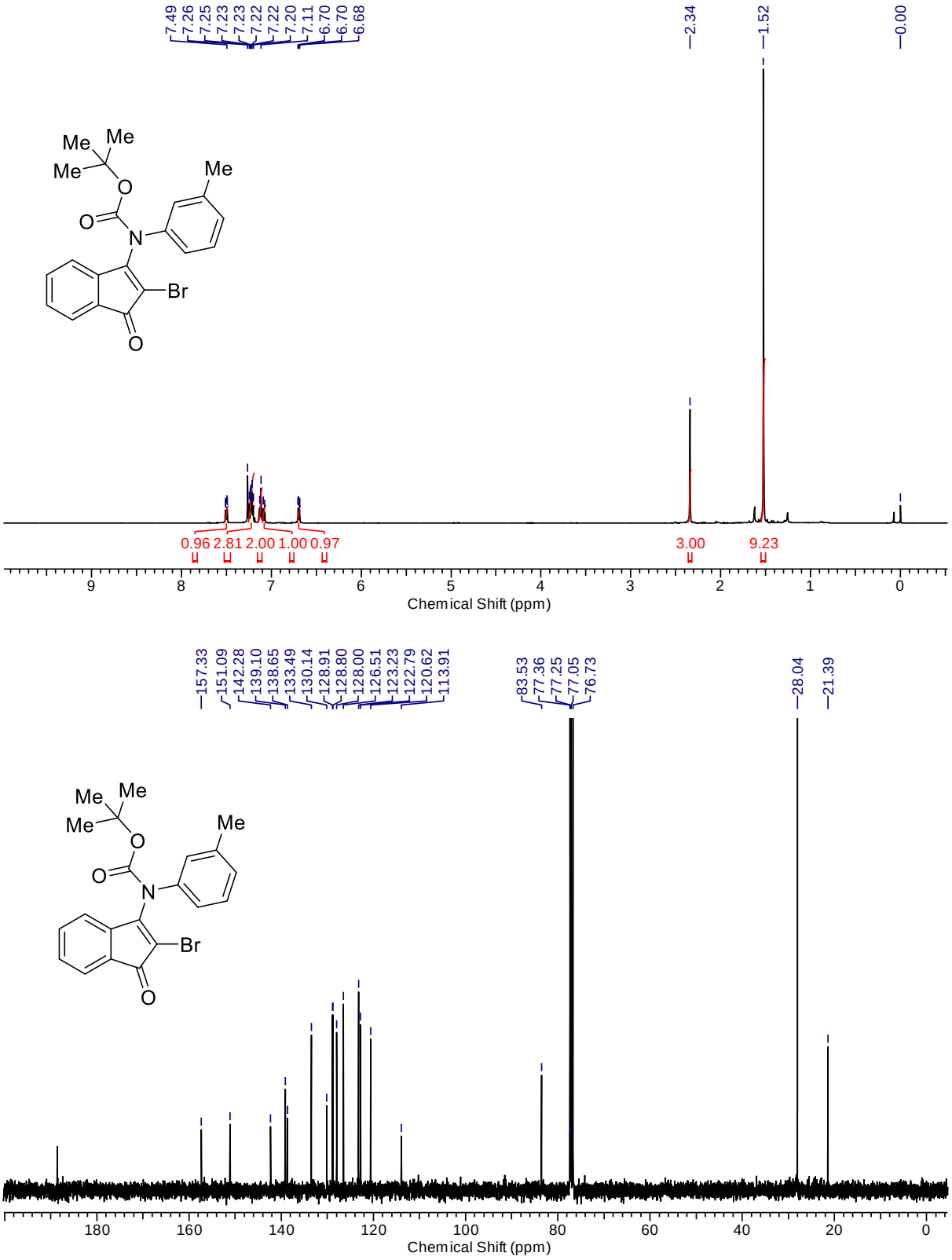

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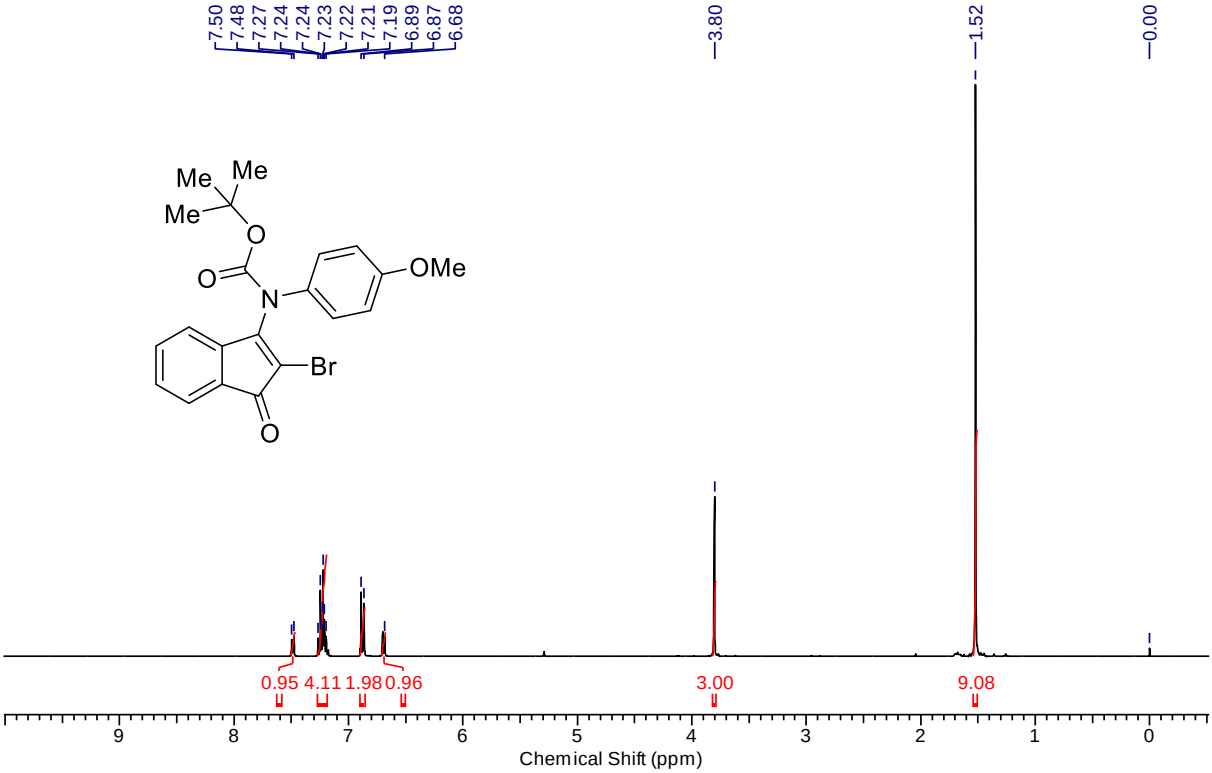
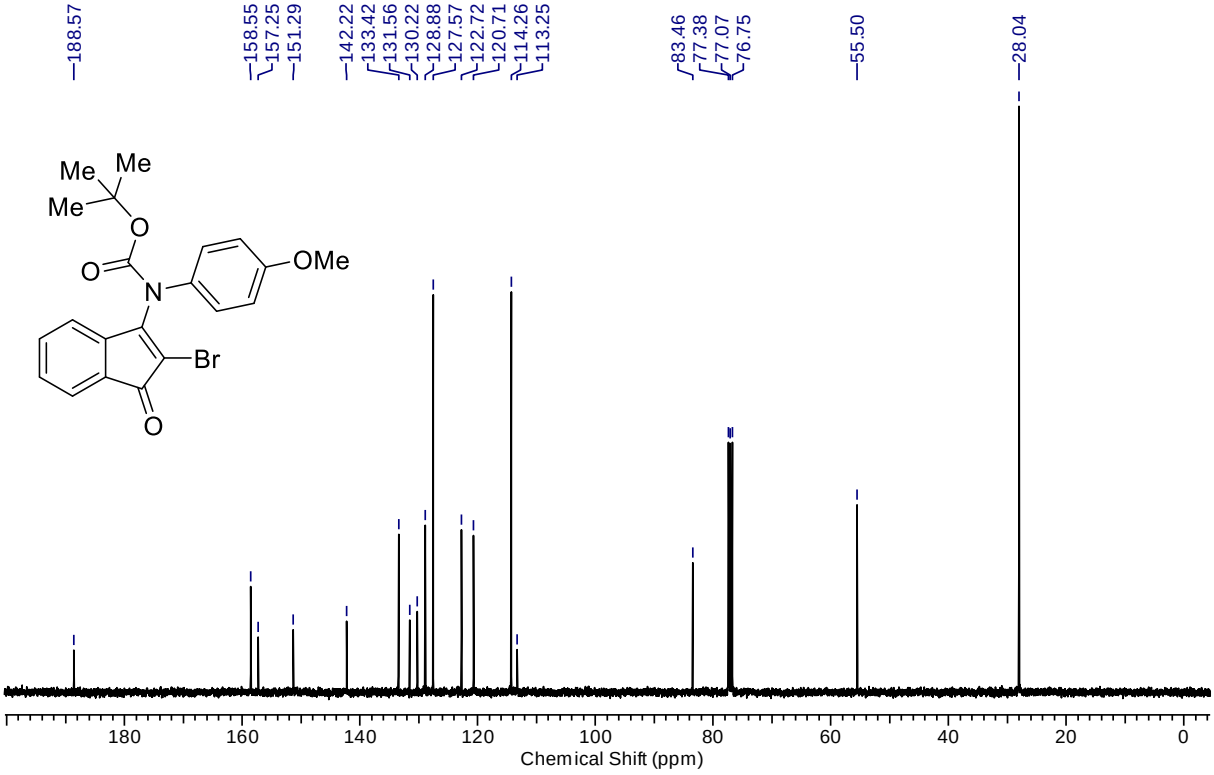
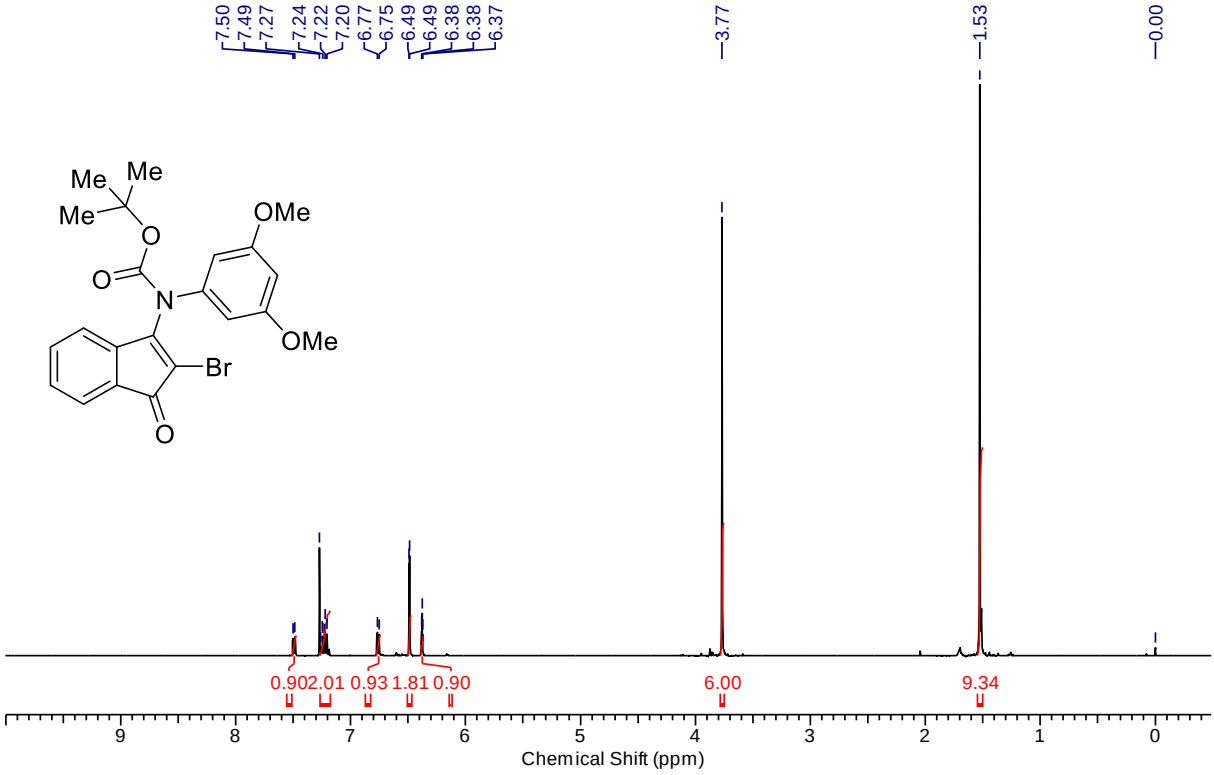
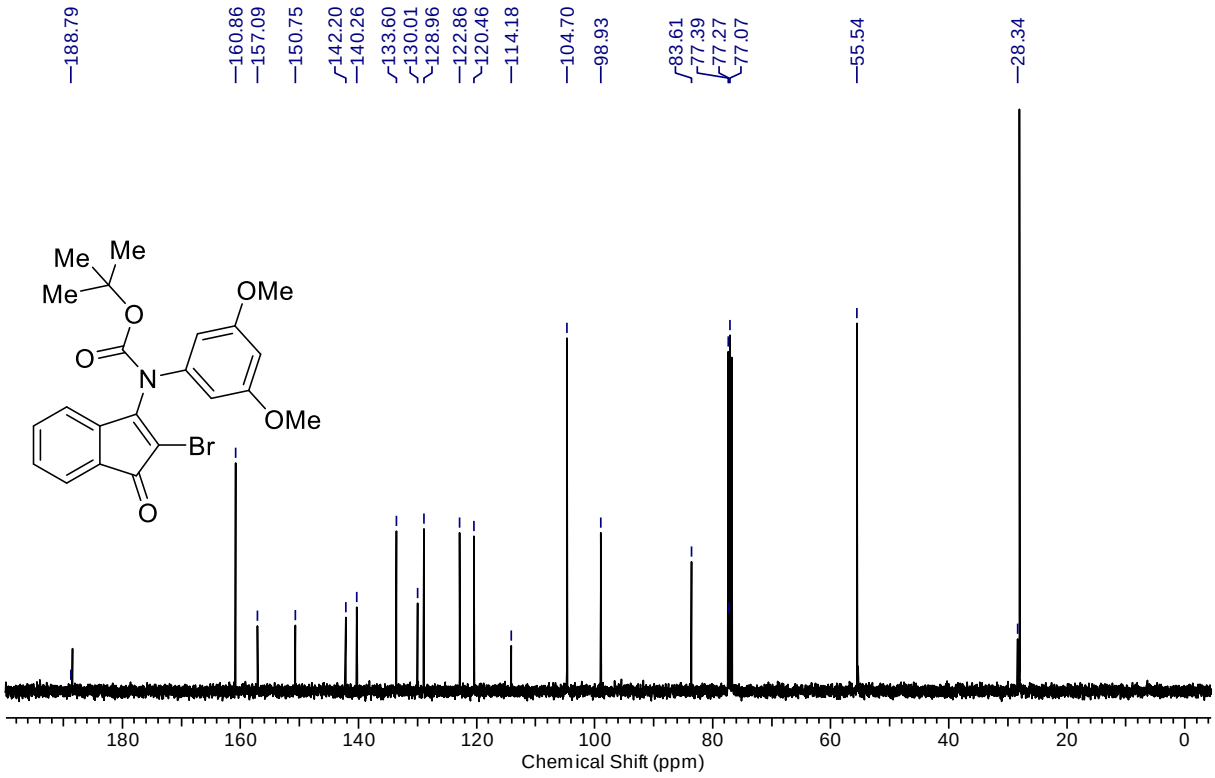


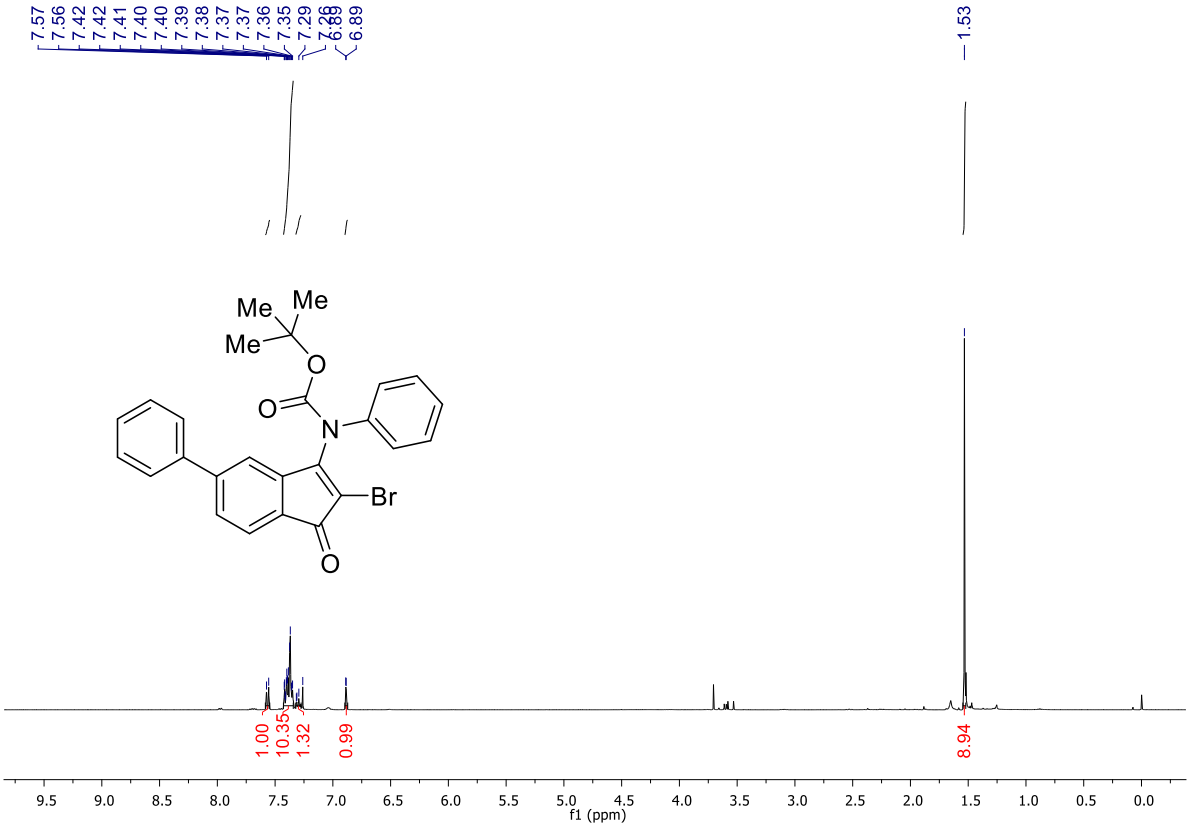


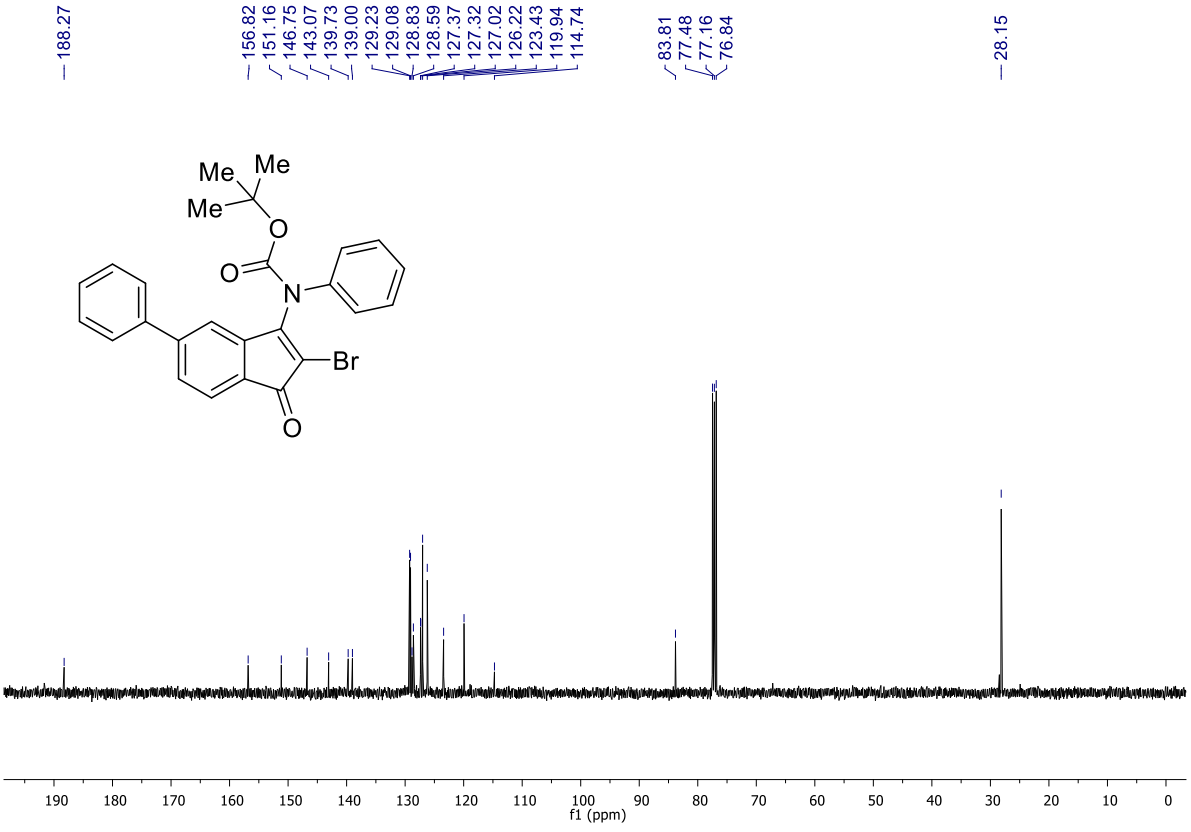
^{1}H and ^{13}C NMR spectrum of compound 1n in $CDCl_3$



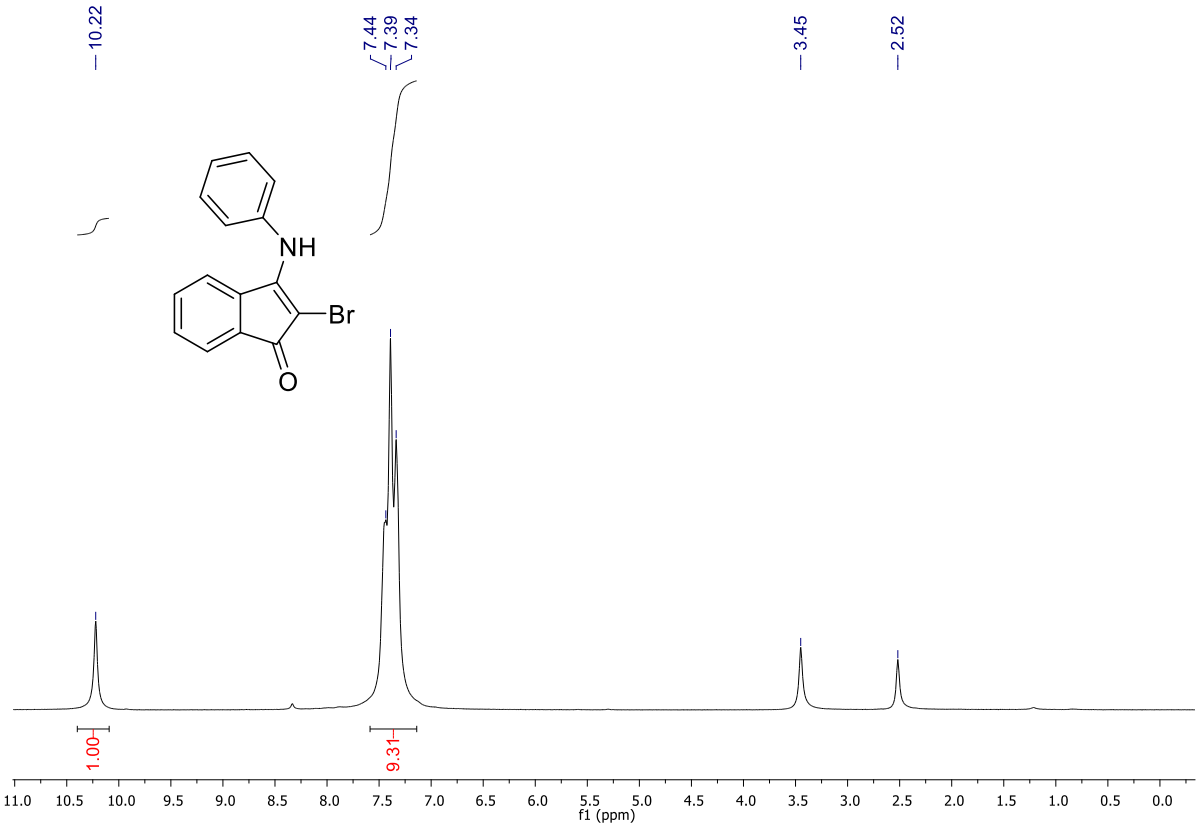


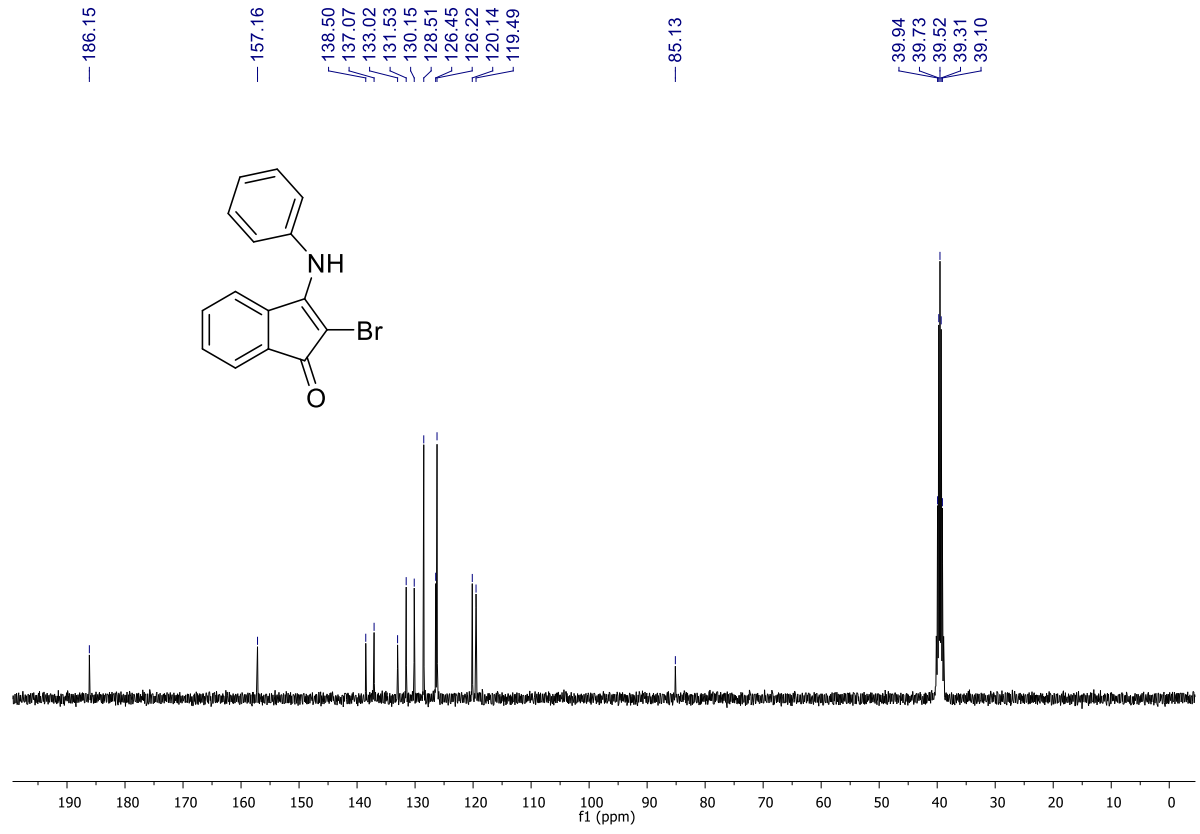
^{1}H and ^{13}C NMR spectrum of compound 1o in $CDCl_3$



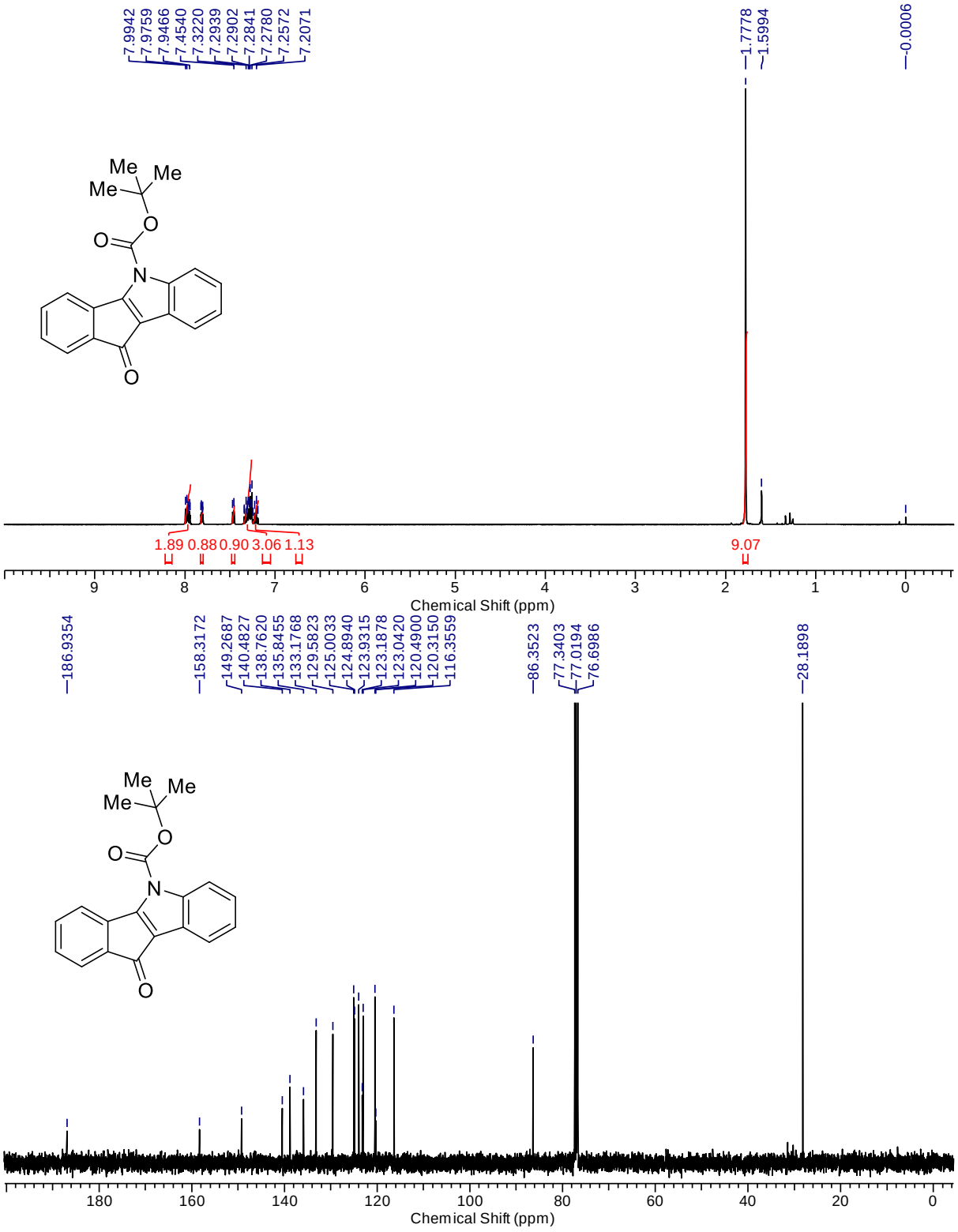


^{1}H and ^{13}C NMR spectrum of compound 1a' in DMSO-D6

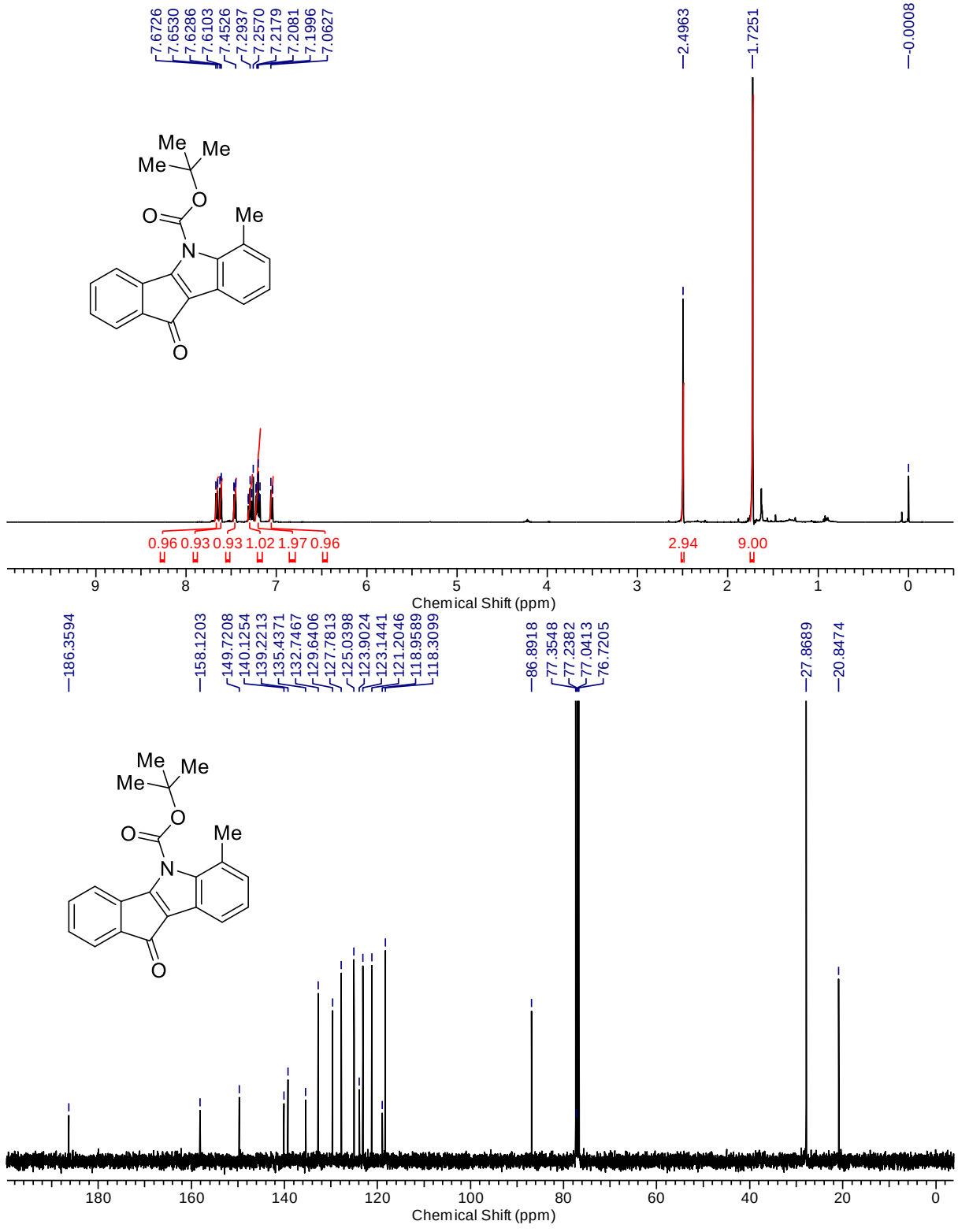




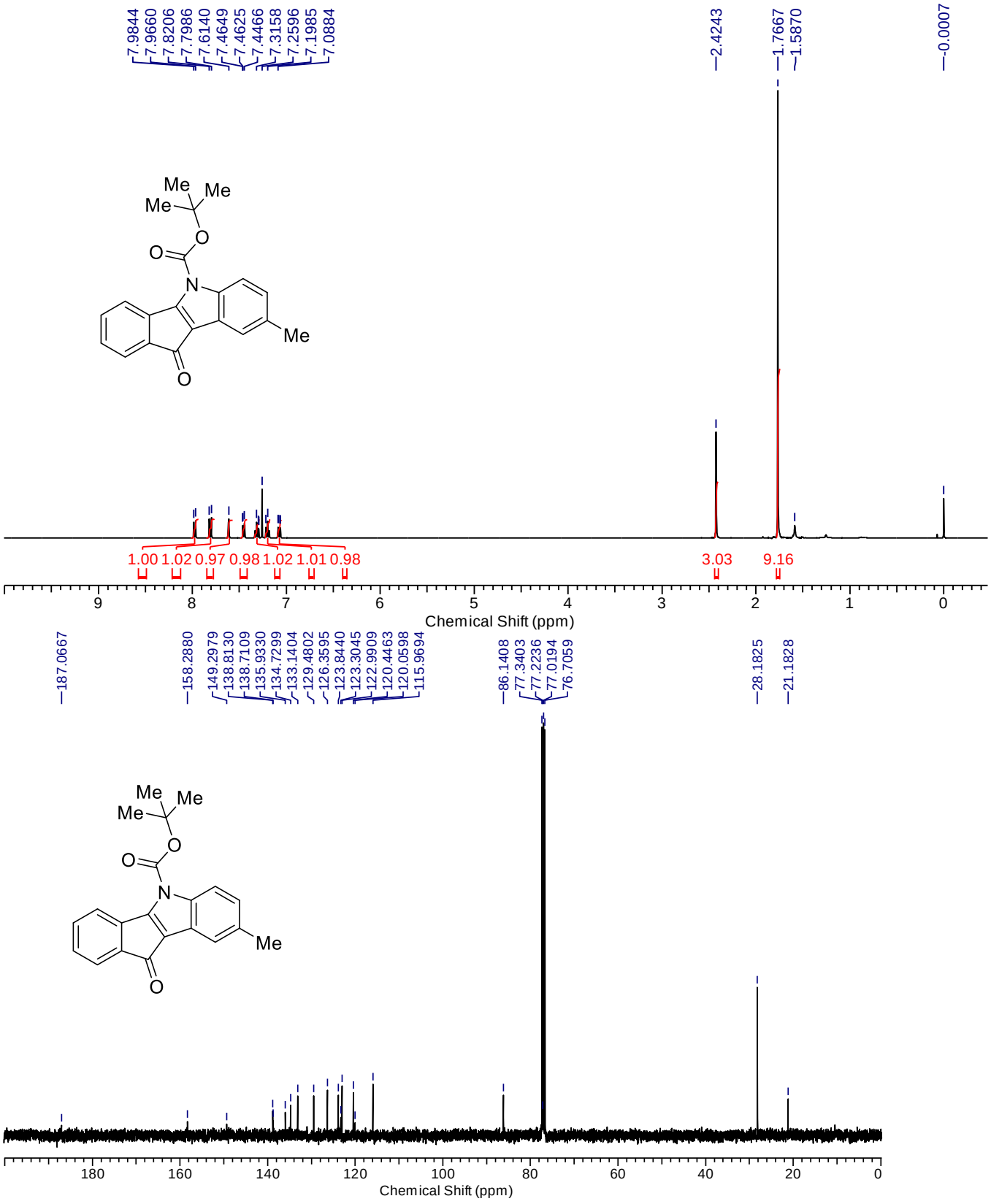
^{1}H and ^{13}C NMR spectrum of compound 2a in $CDCl_3$



^{1}H and ^{13}C NMR spectrum of compound 2b in $CDCl_3$



^{1}H and ^{13}C NMR spectrum of compound 2c in $CDCl_3$



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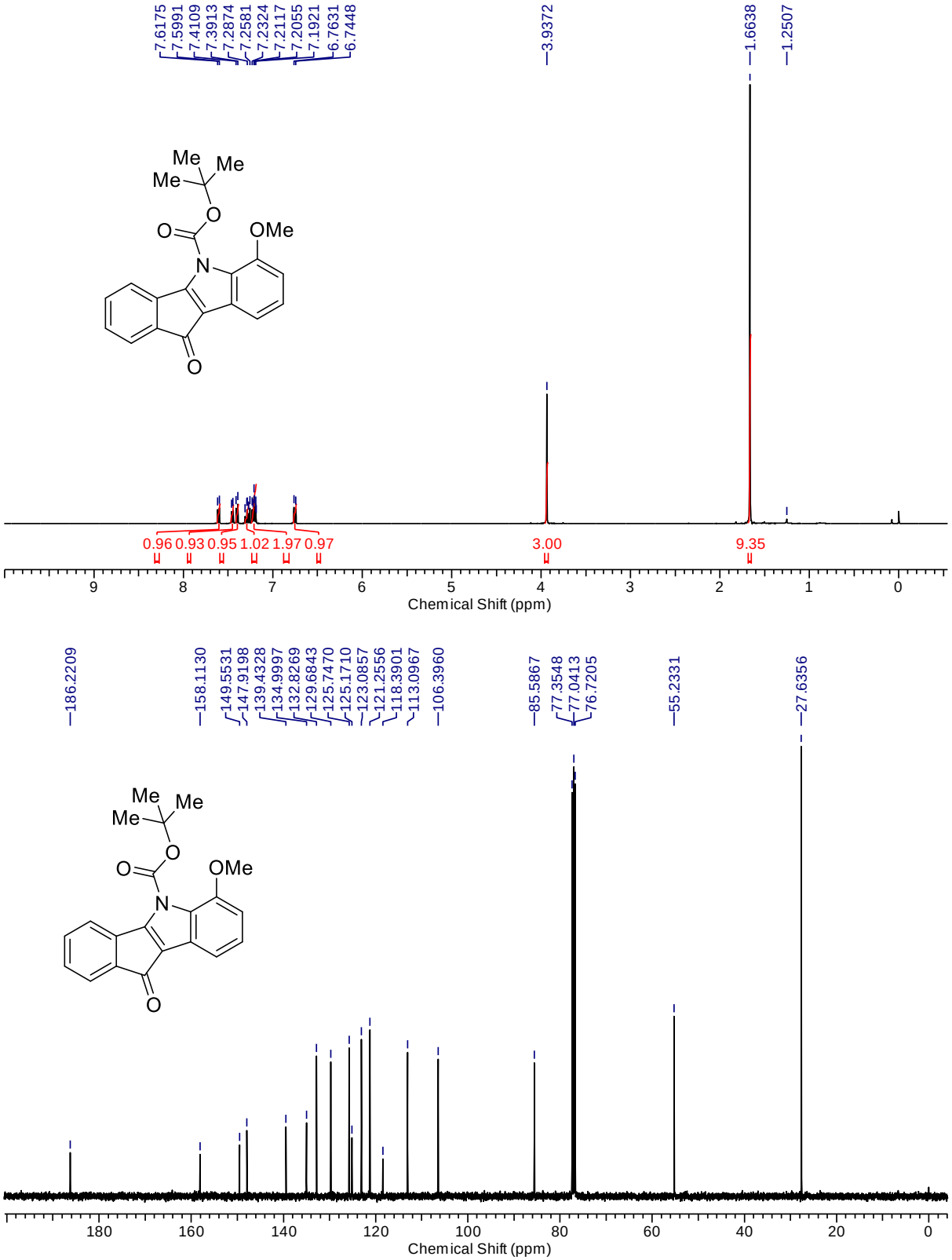

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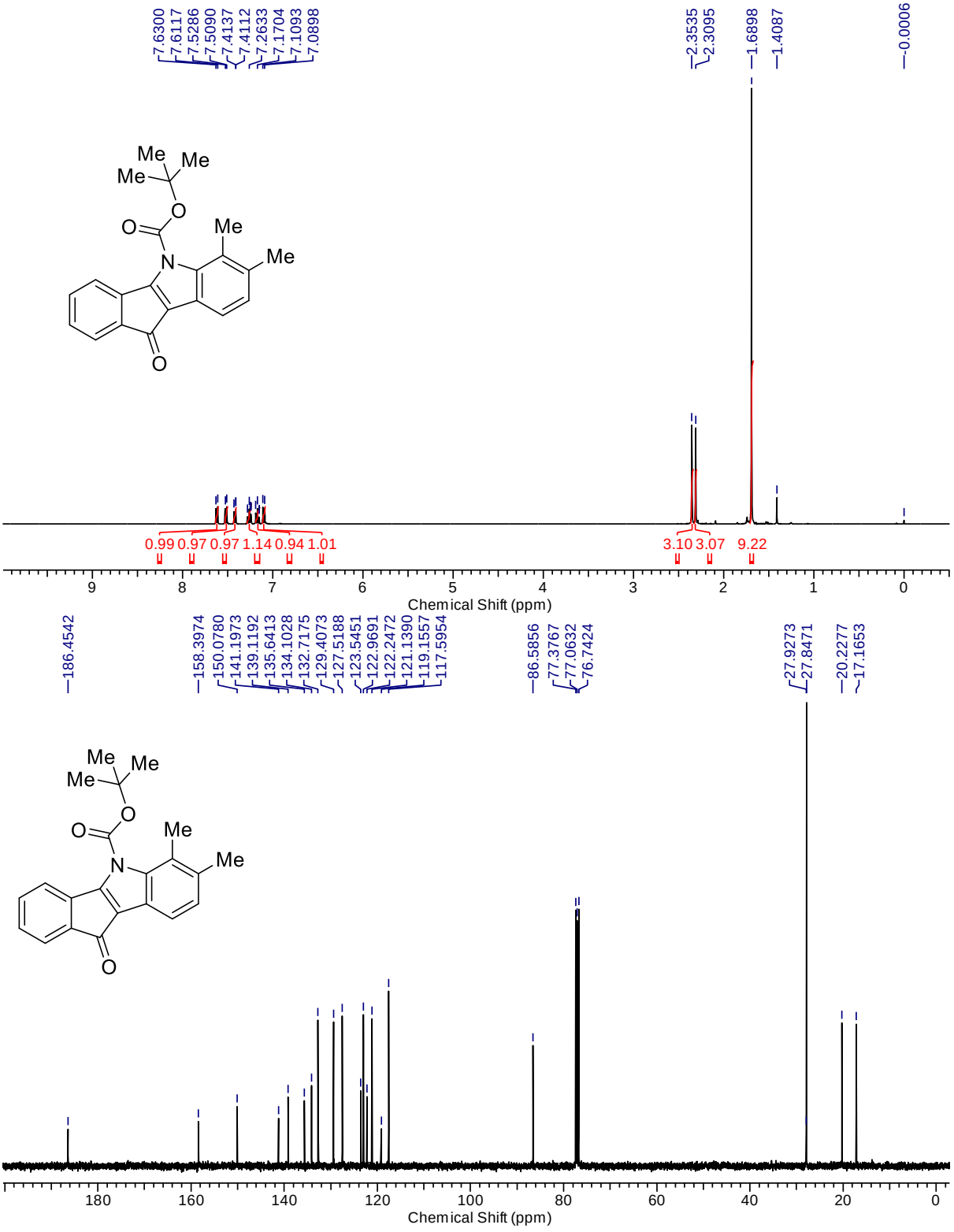

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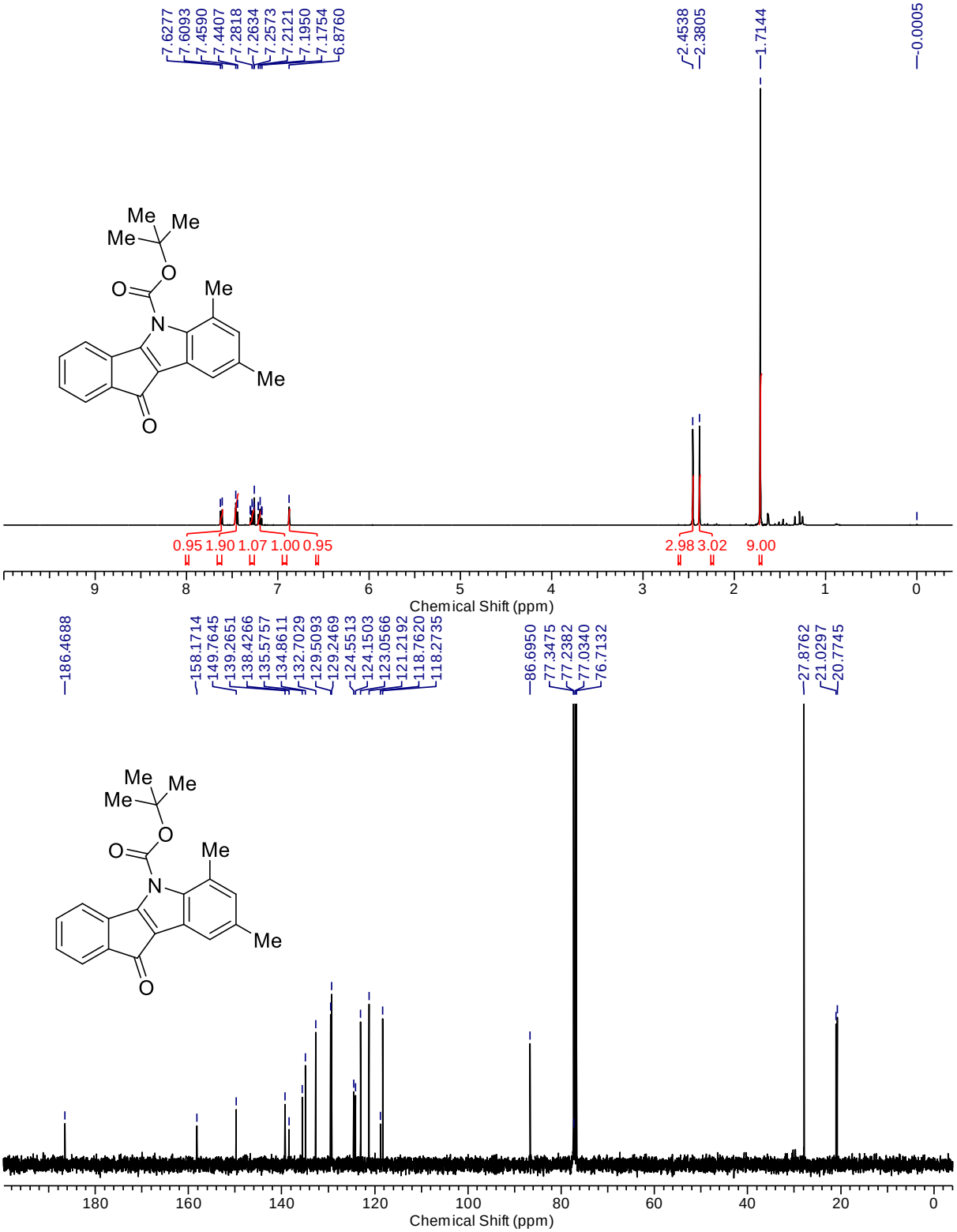
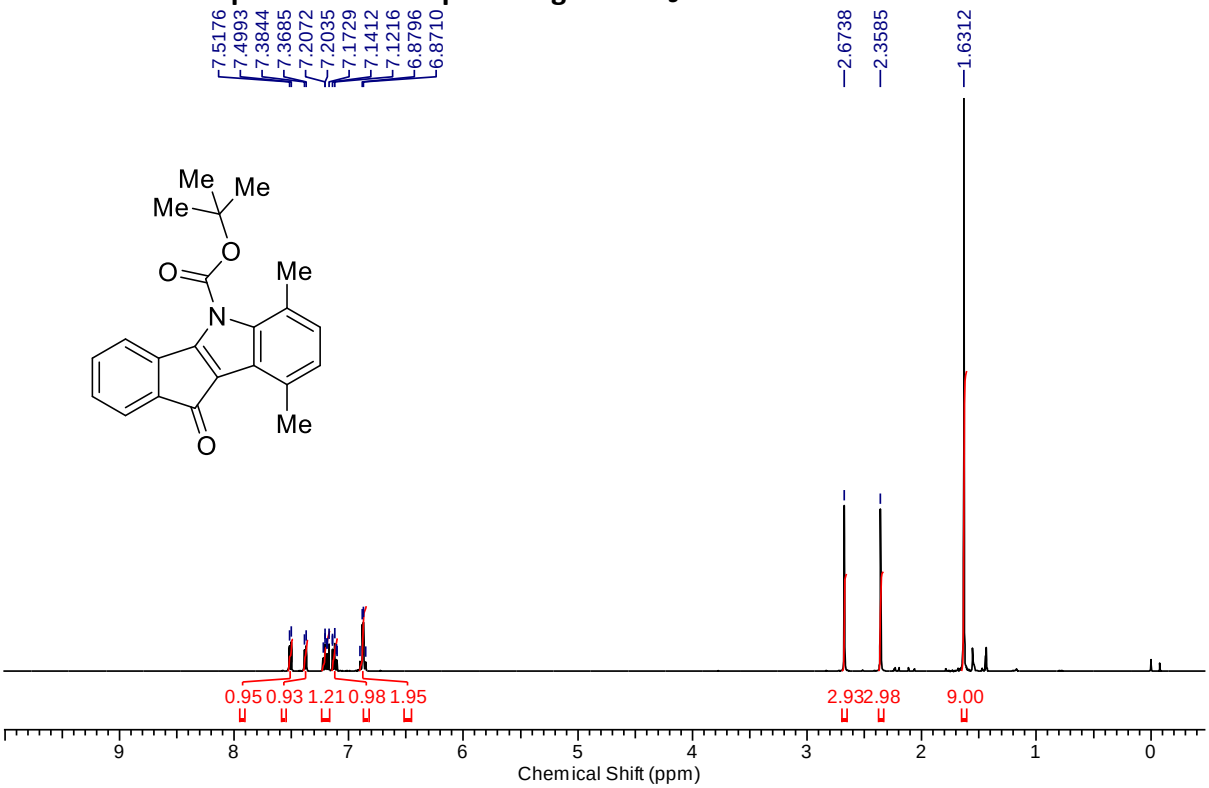
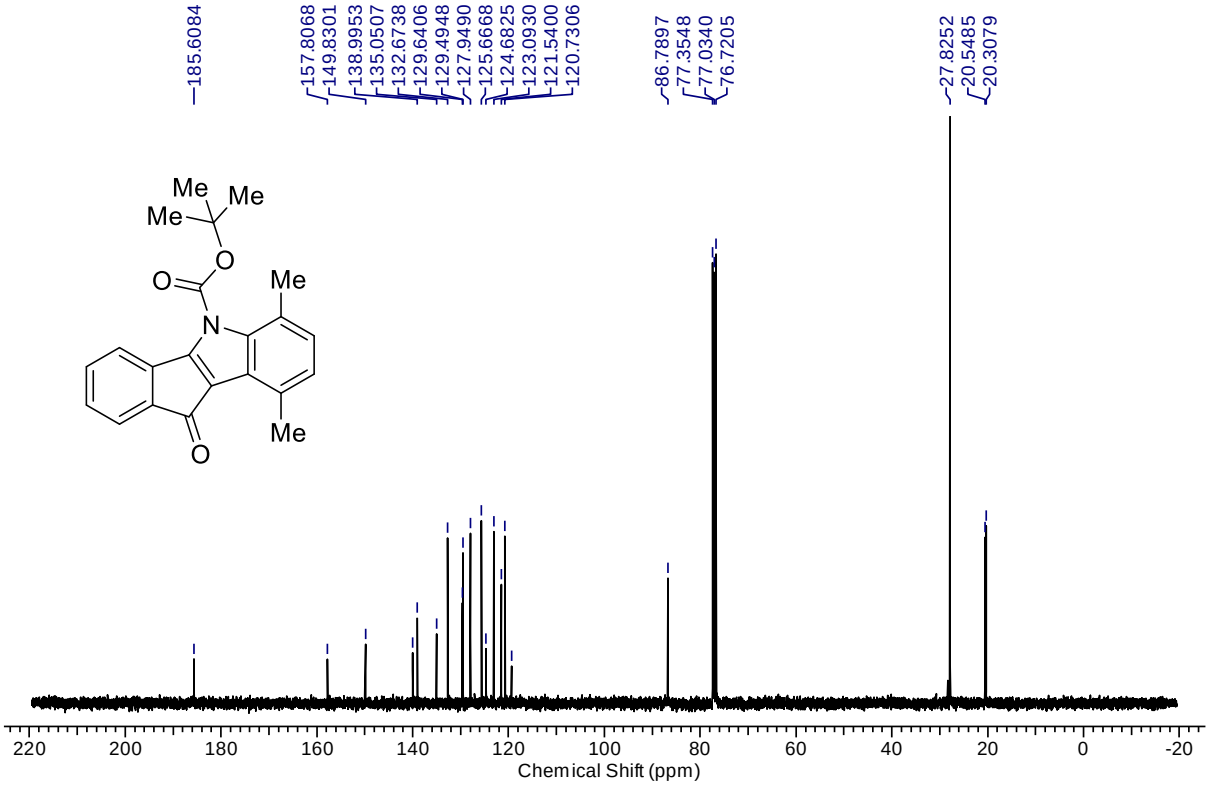


^{1}H and ^{13}C NMR spectrum of compound 2g in $CDCl_3$





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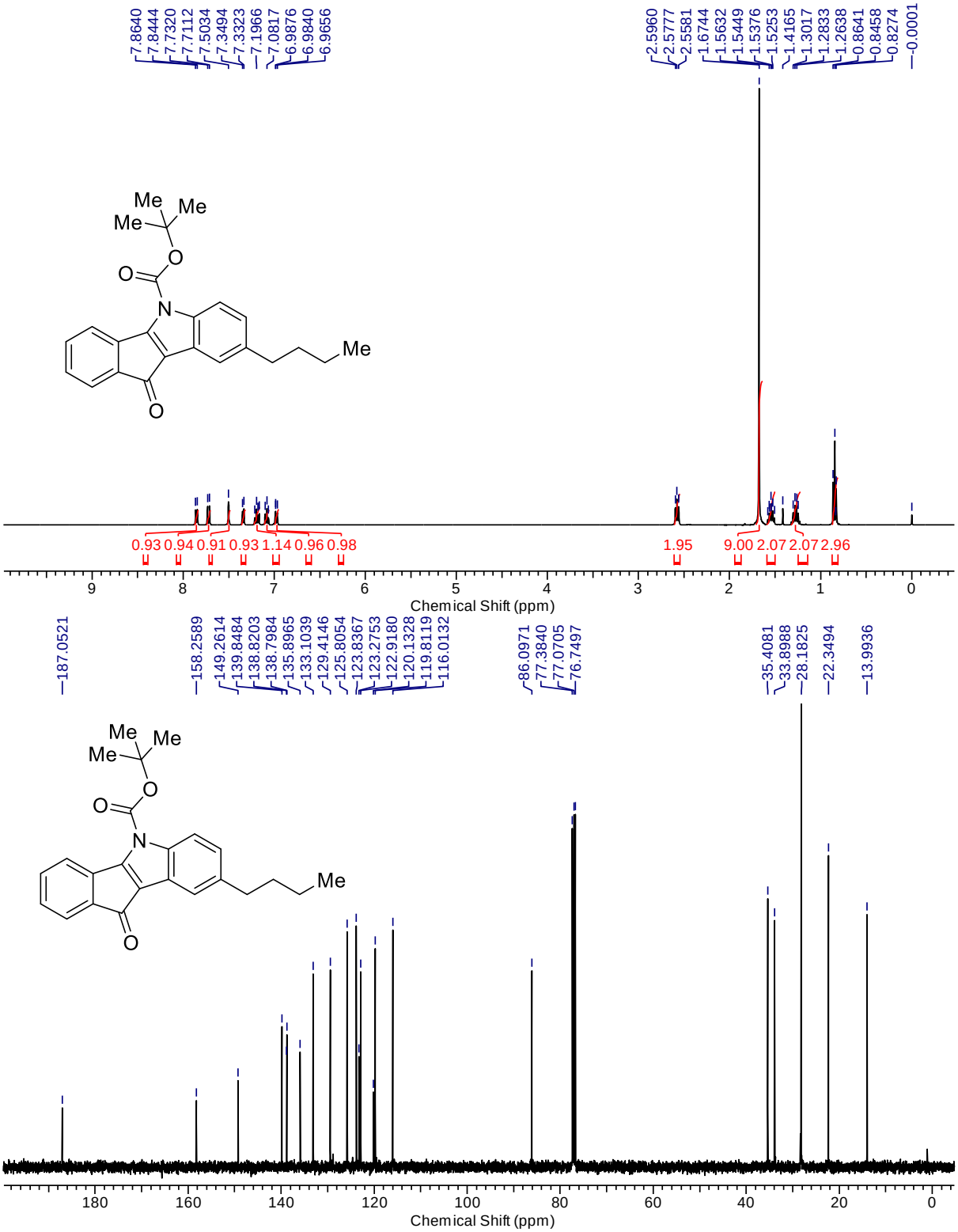

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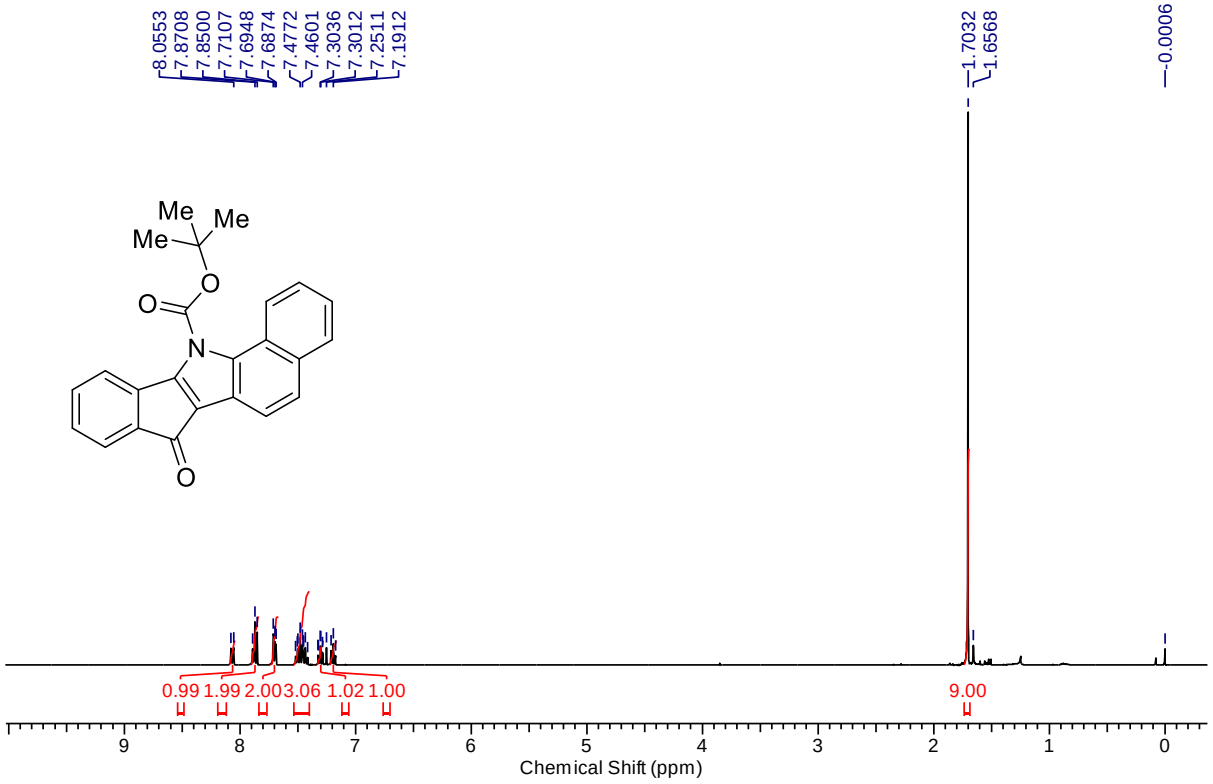

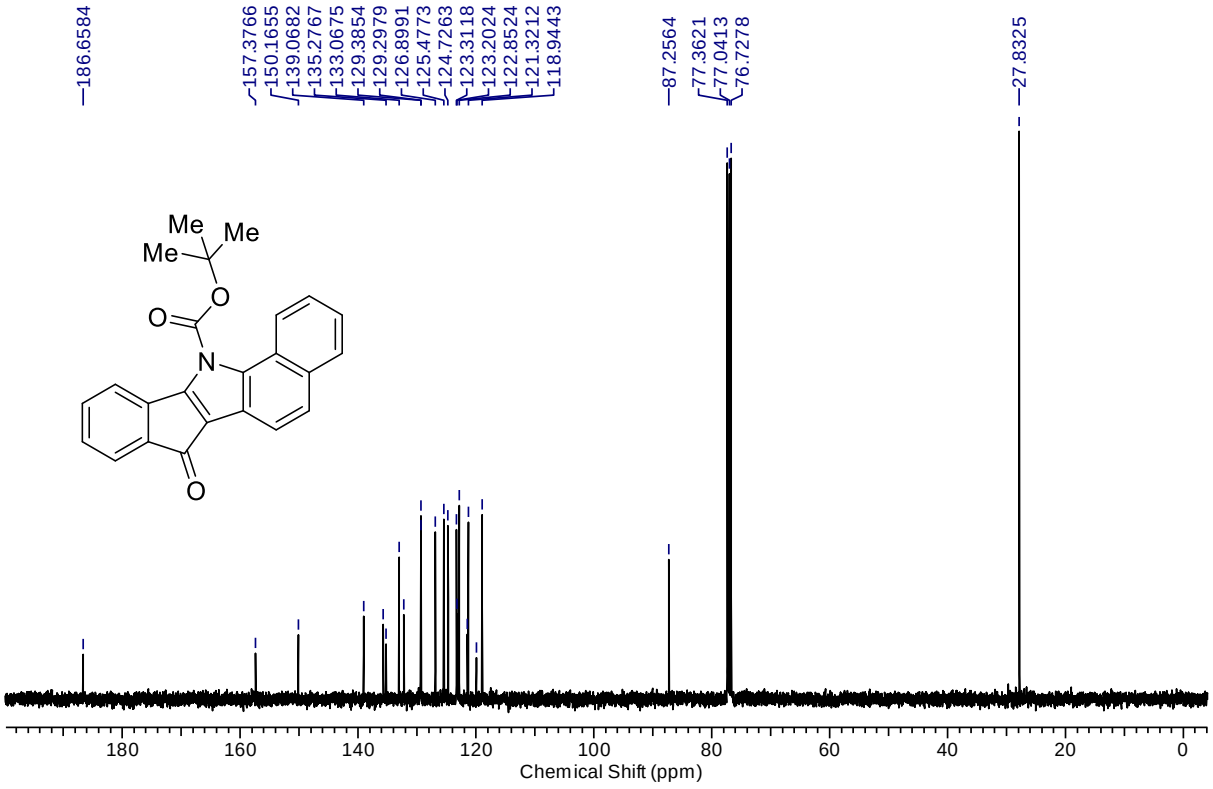

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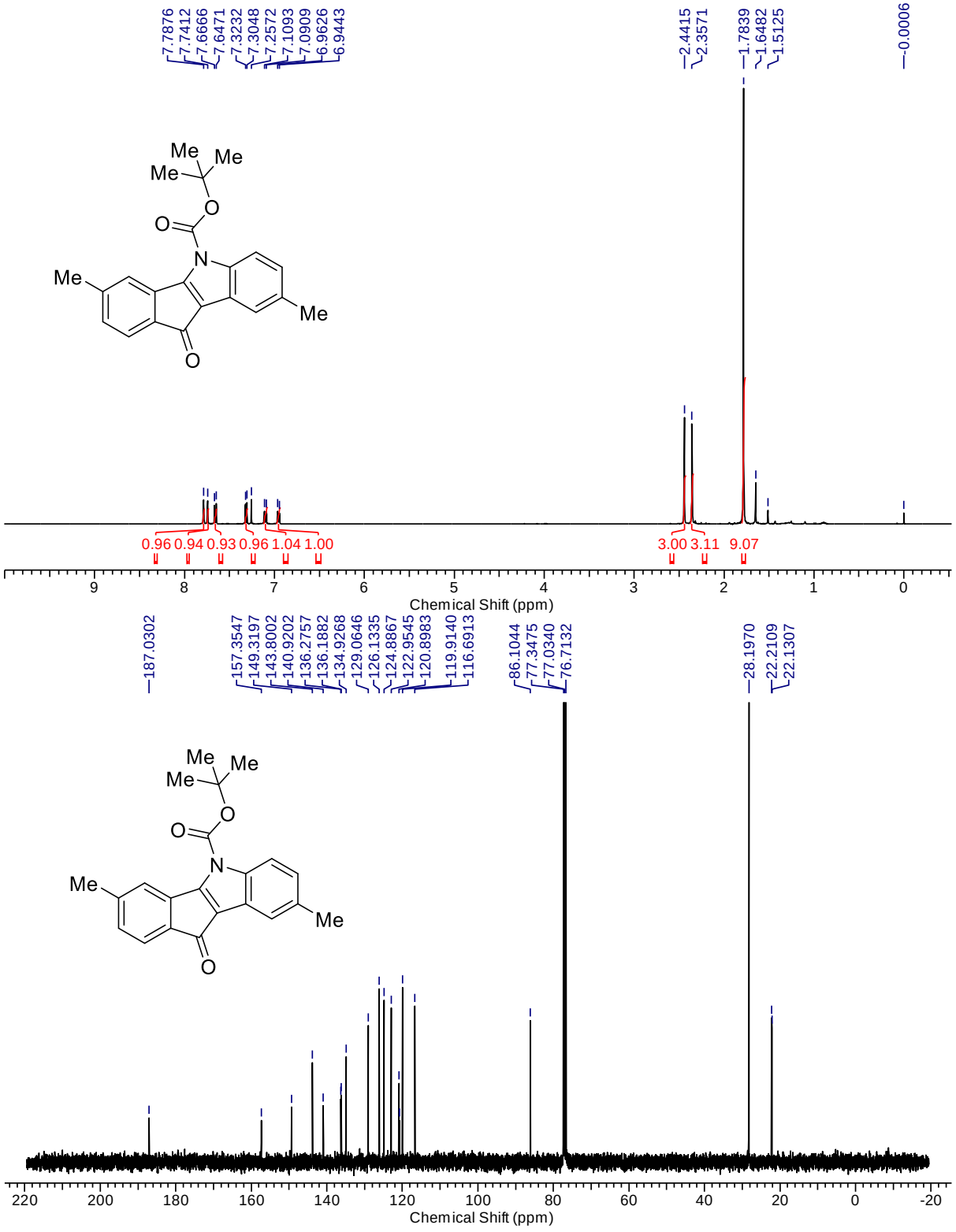

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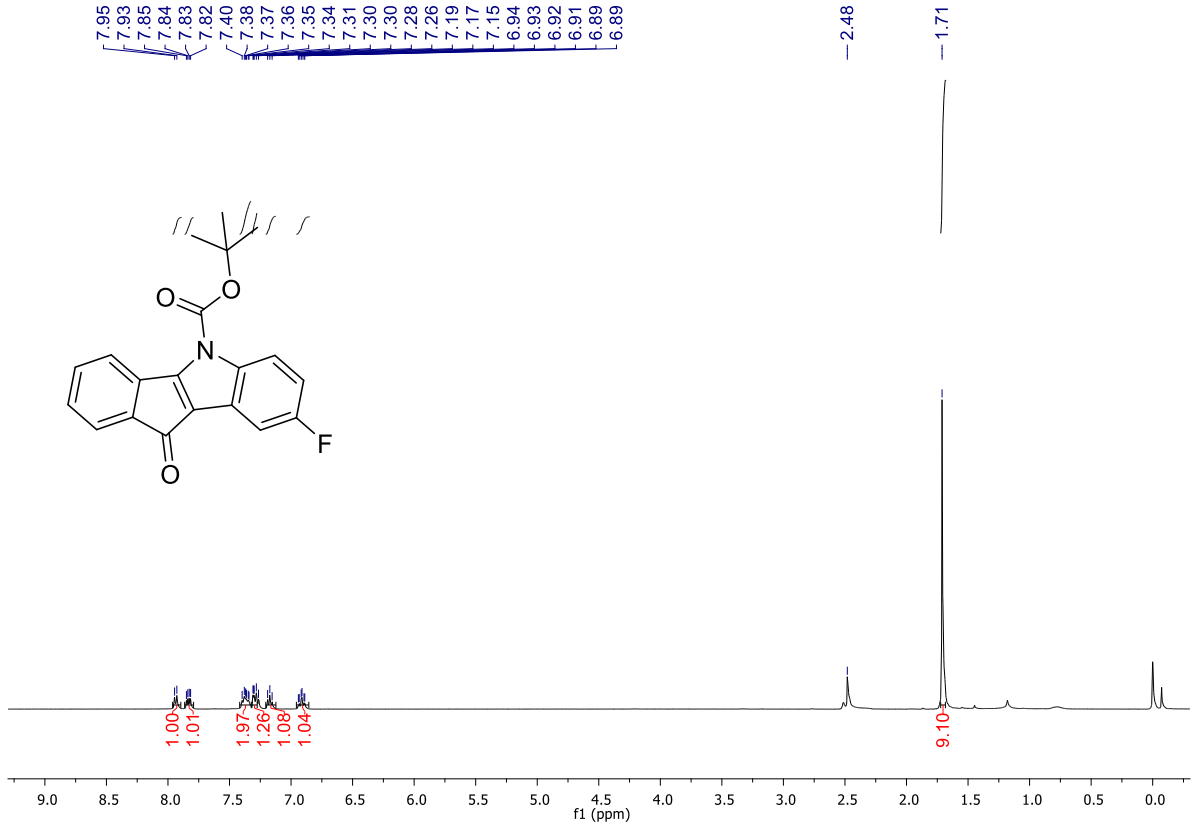
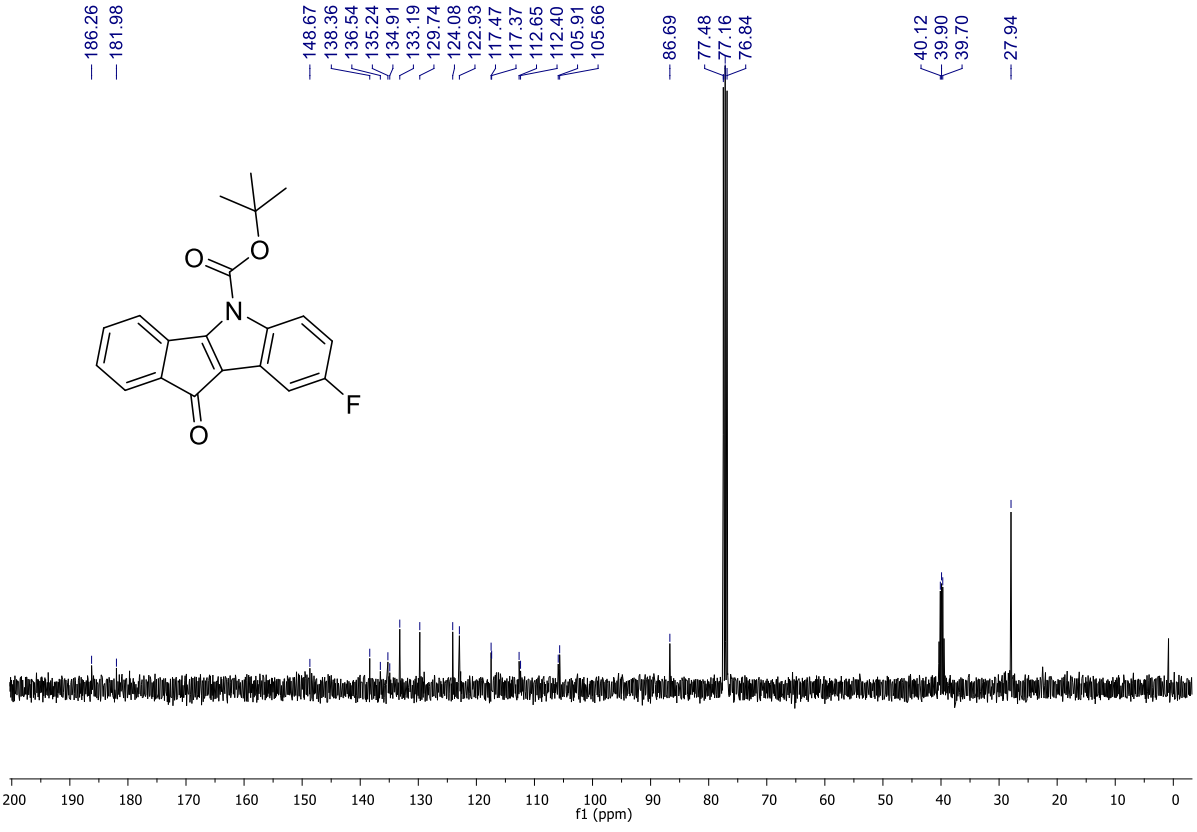
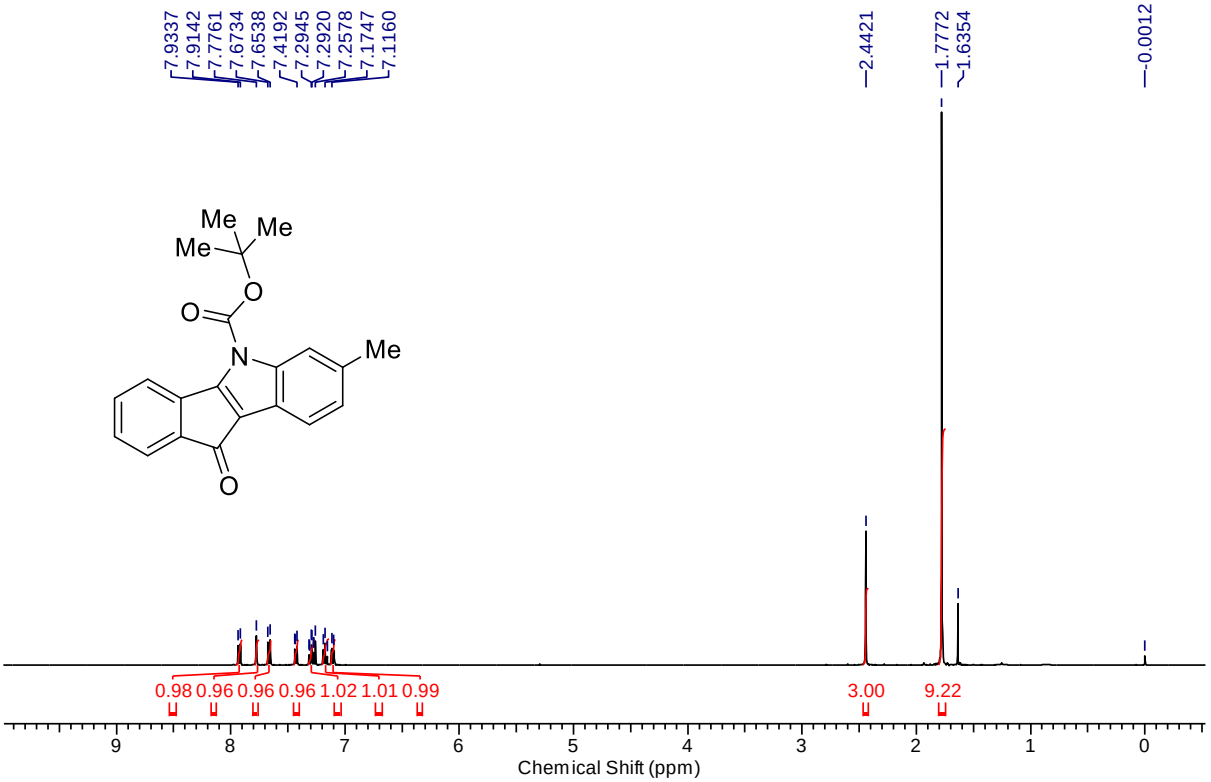
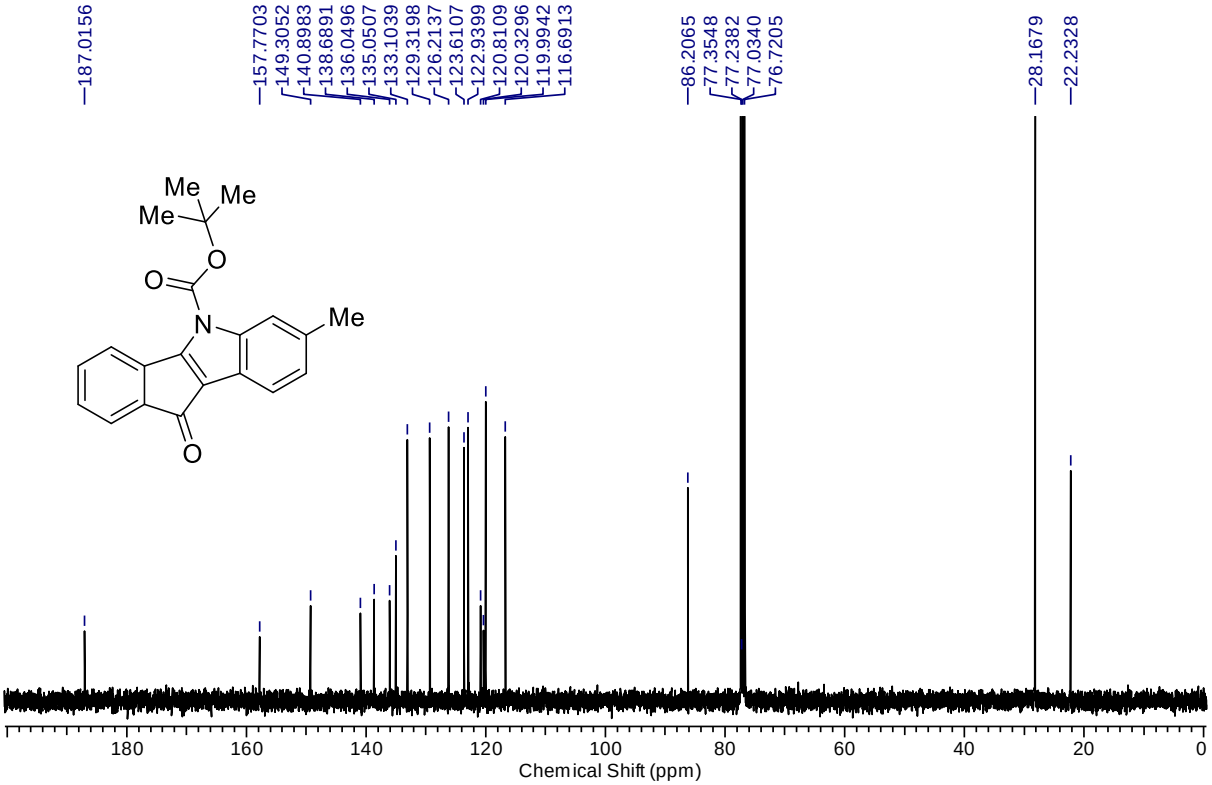


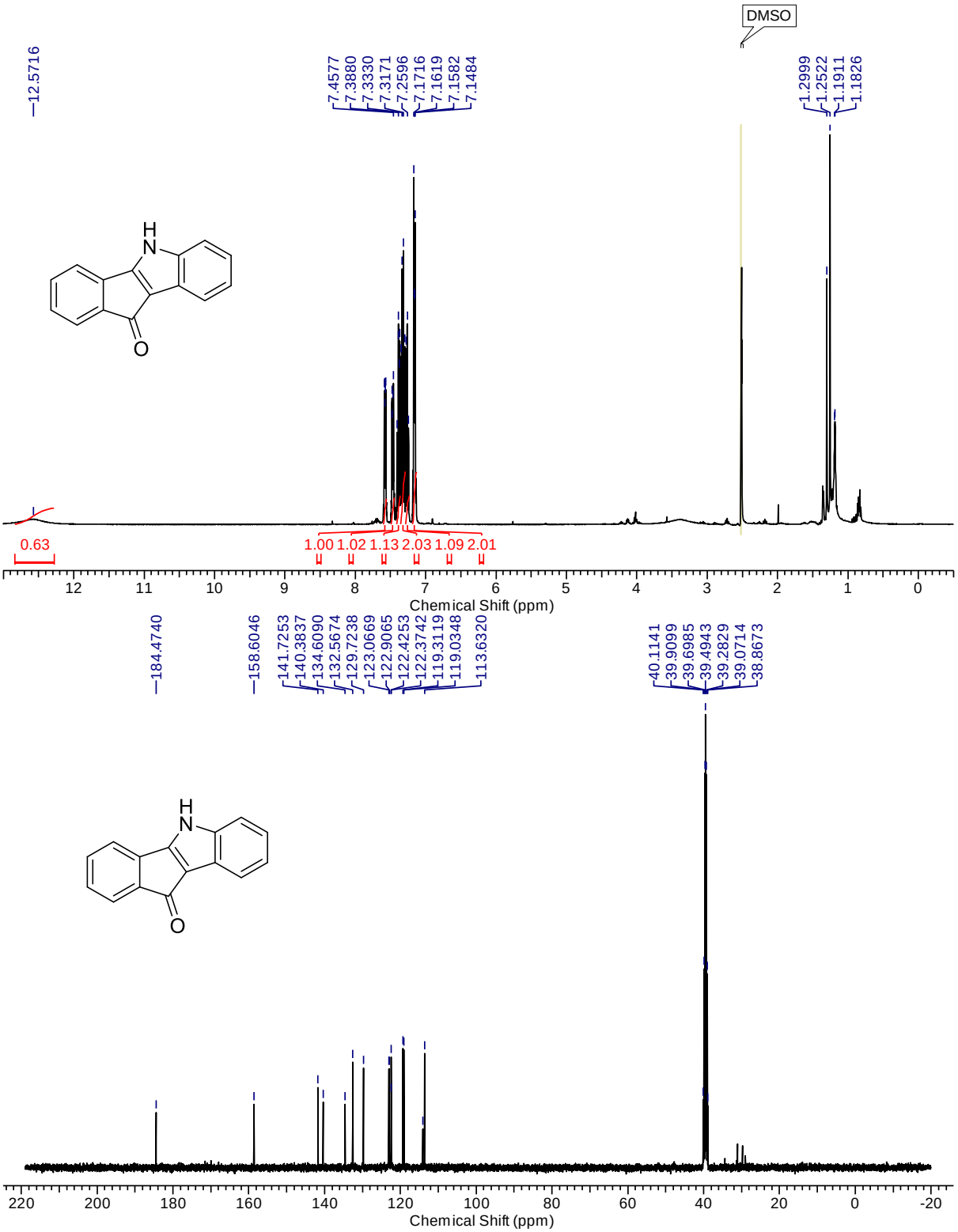


^{1}H and ^{1}H NMR spectrum of compound 2l in $CDCl_3$

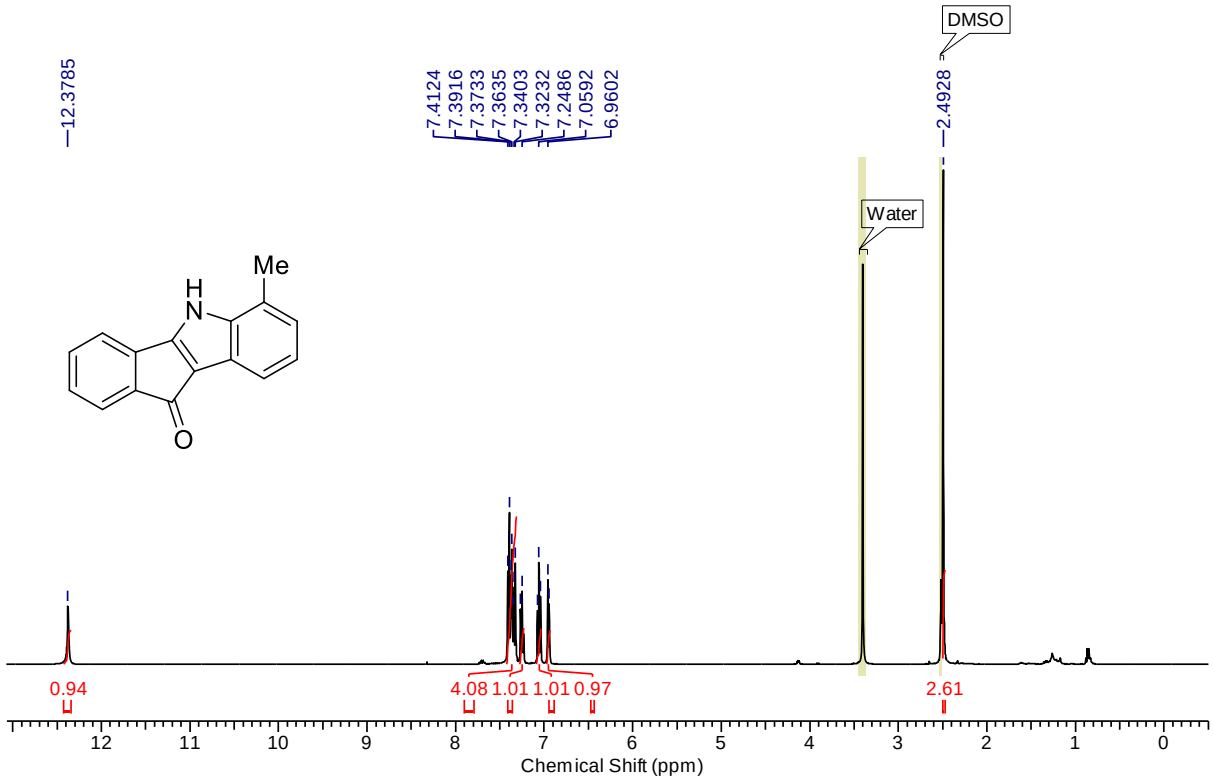


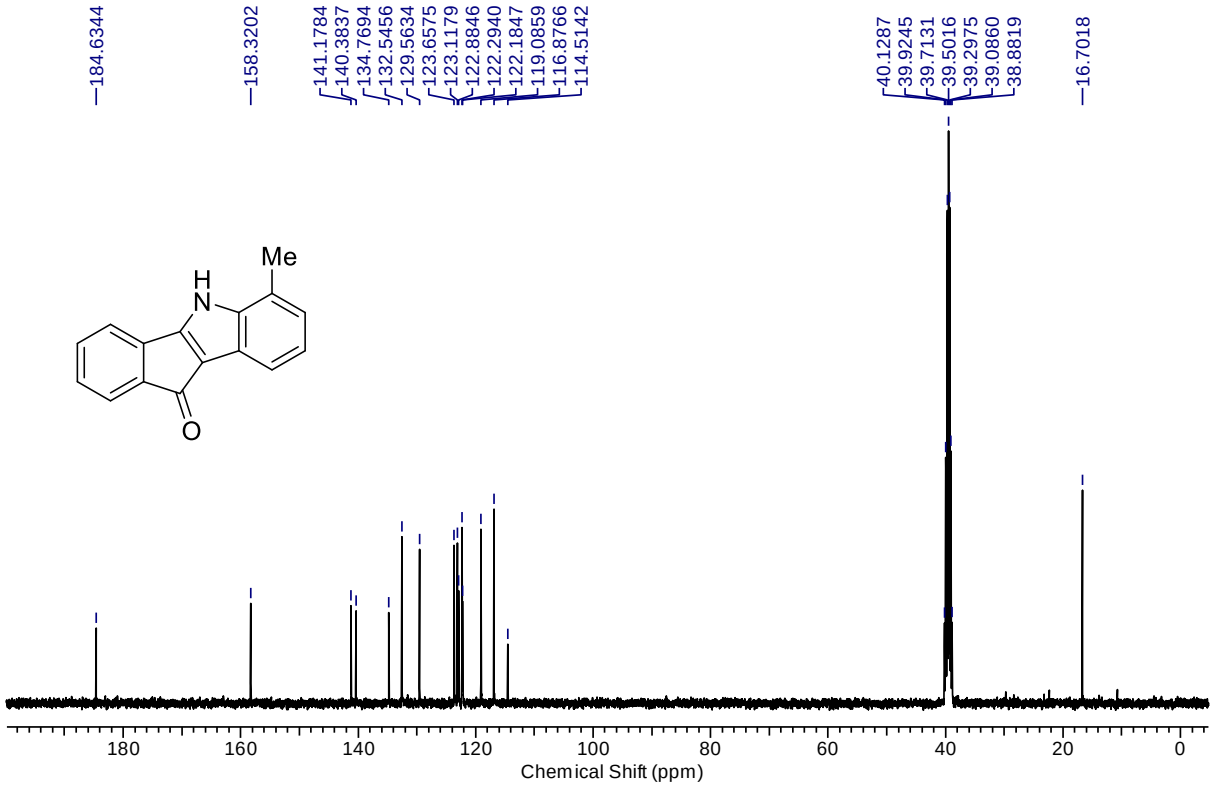


^{1}H and ^{13}C NMR spectrum of compound 3a in DMSO-d6

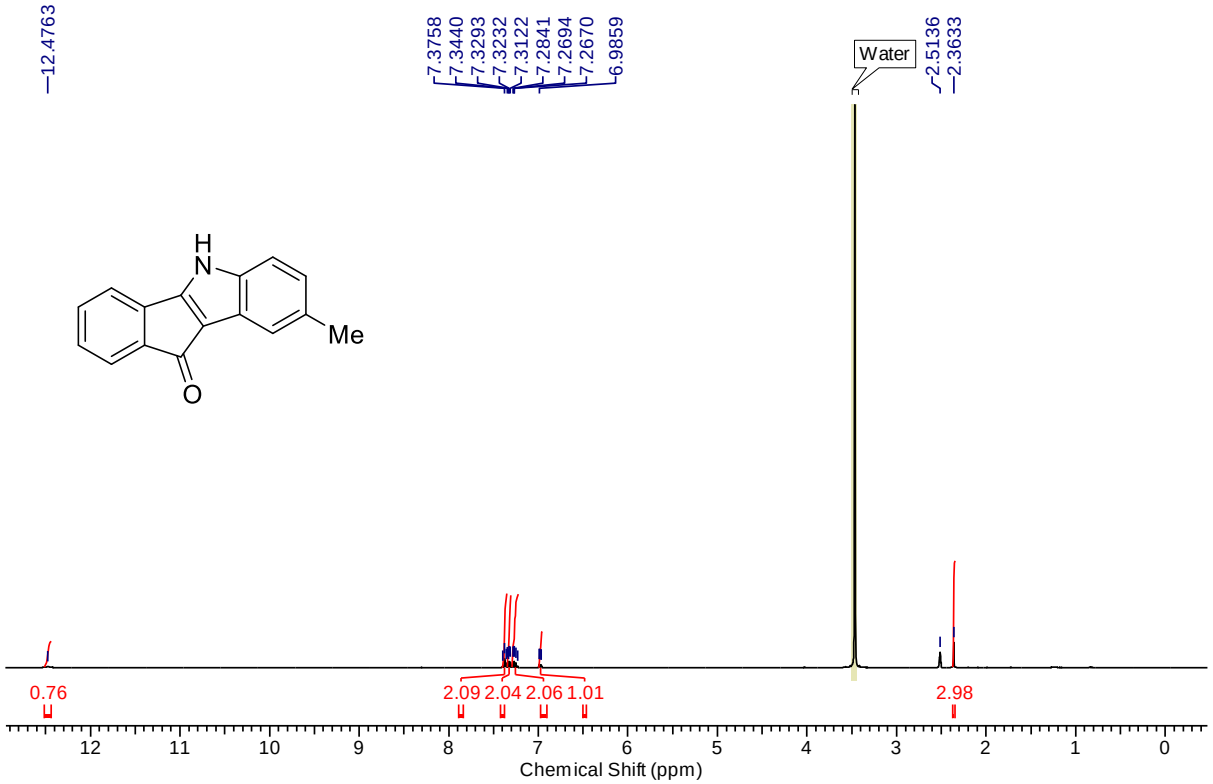


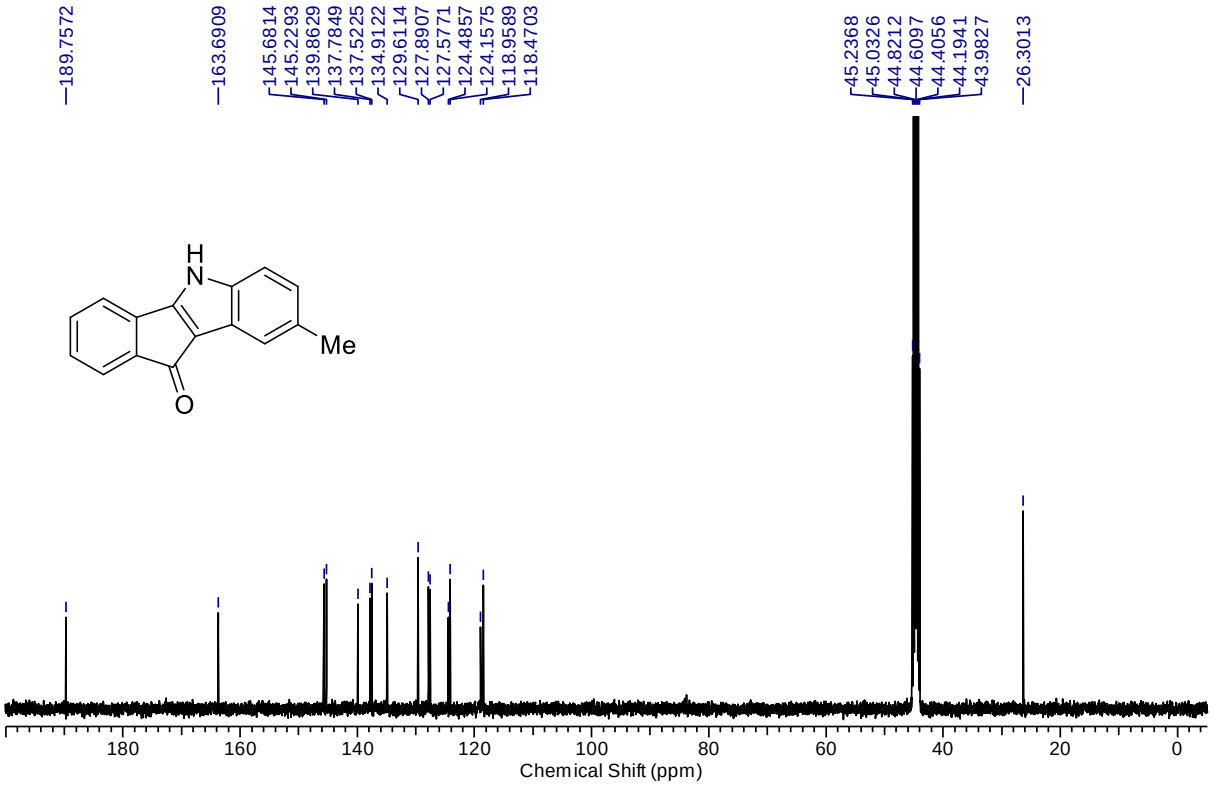
^{1}H and ^{13}C NMR spectrum of compound 3b in DMSO-d6



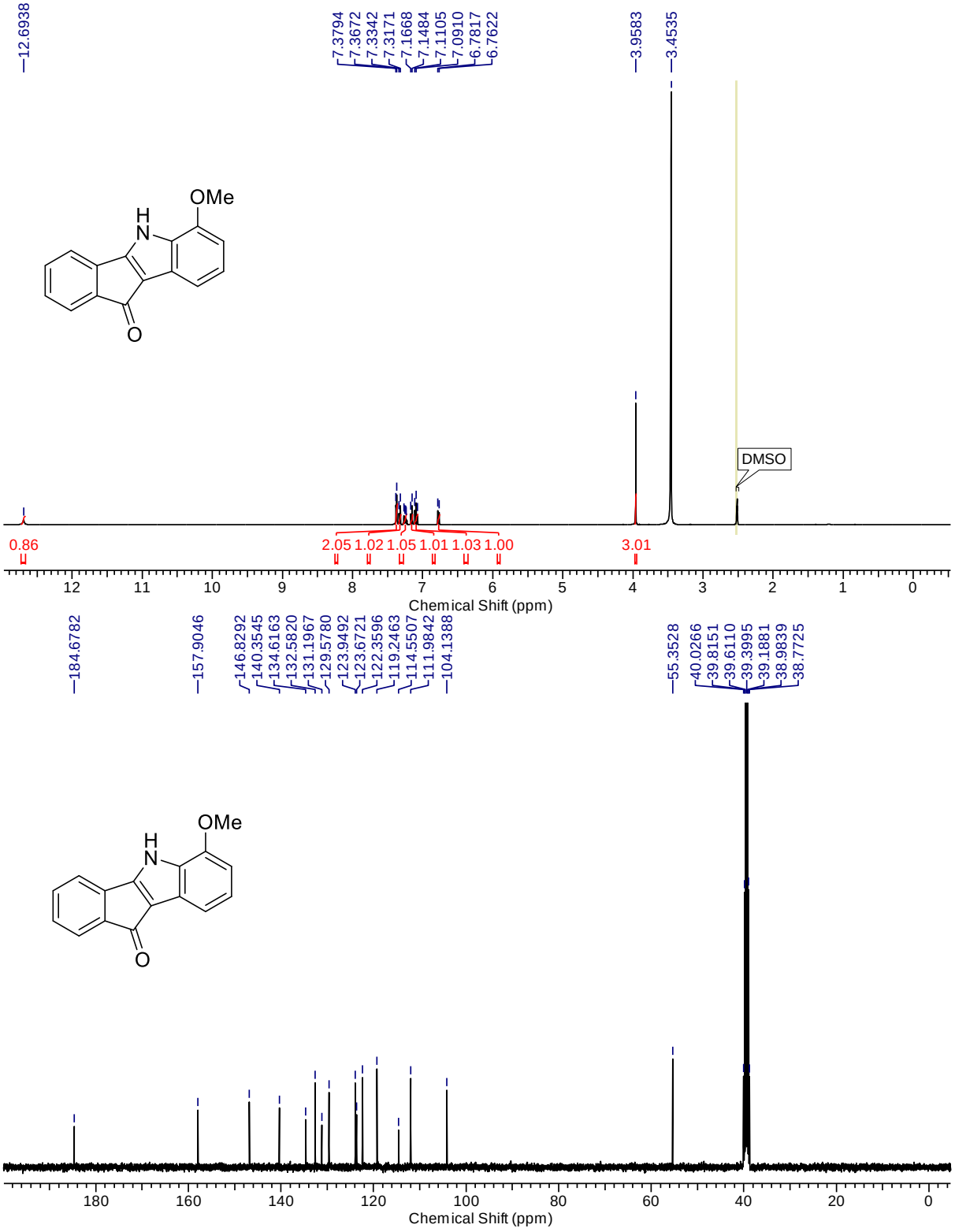


^{1}H and ^{13}C NMR spectrum of compound 3c in DMSO-d6

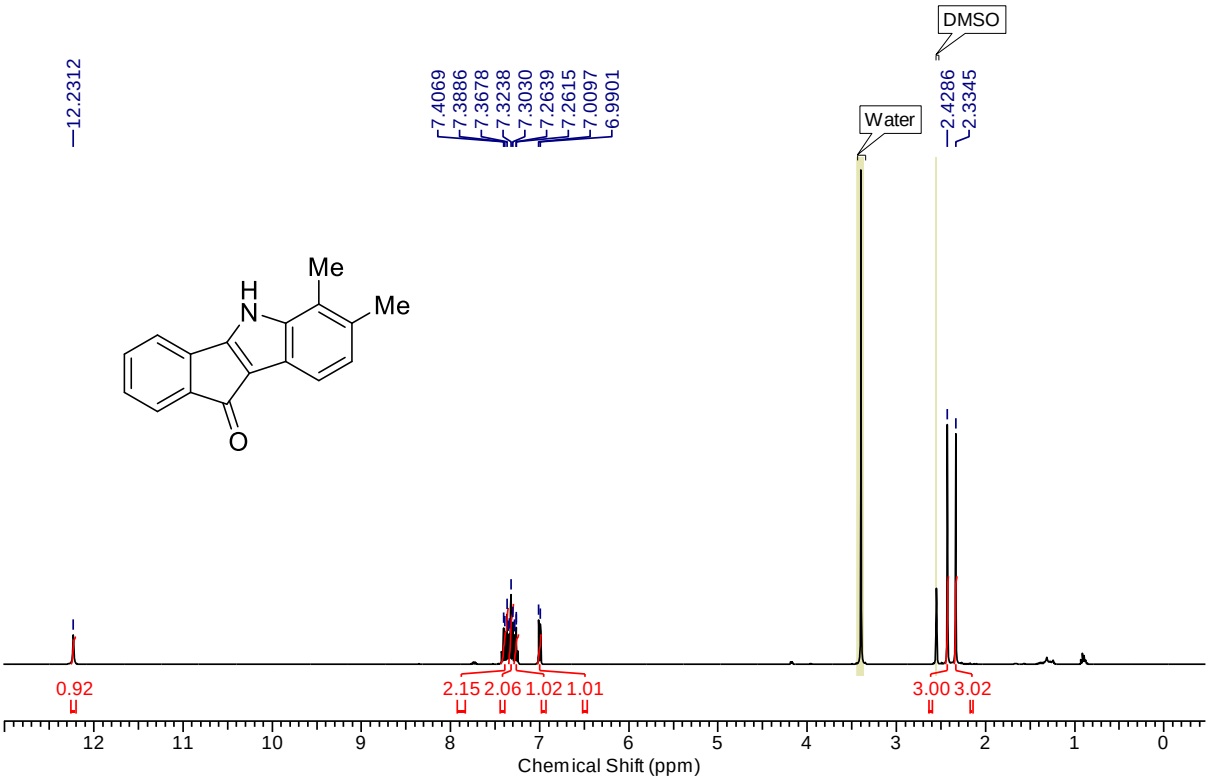


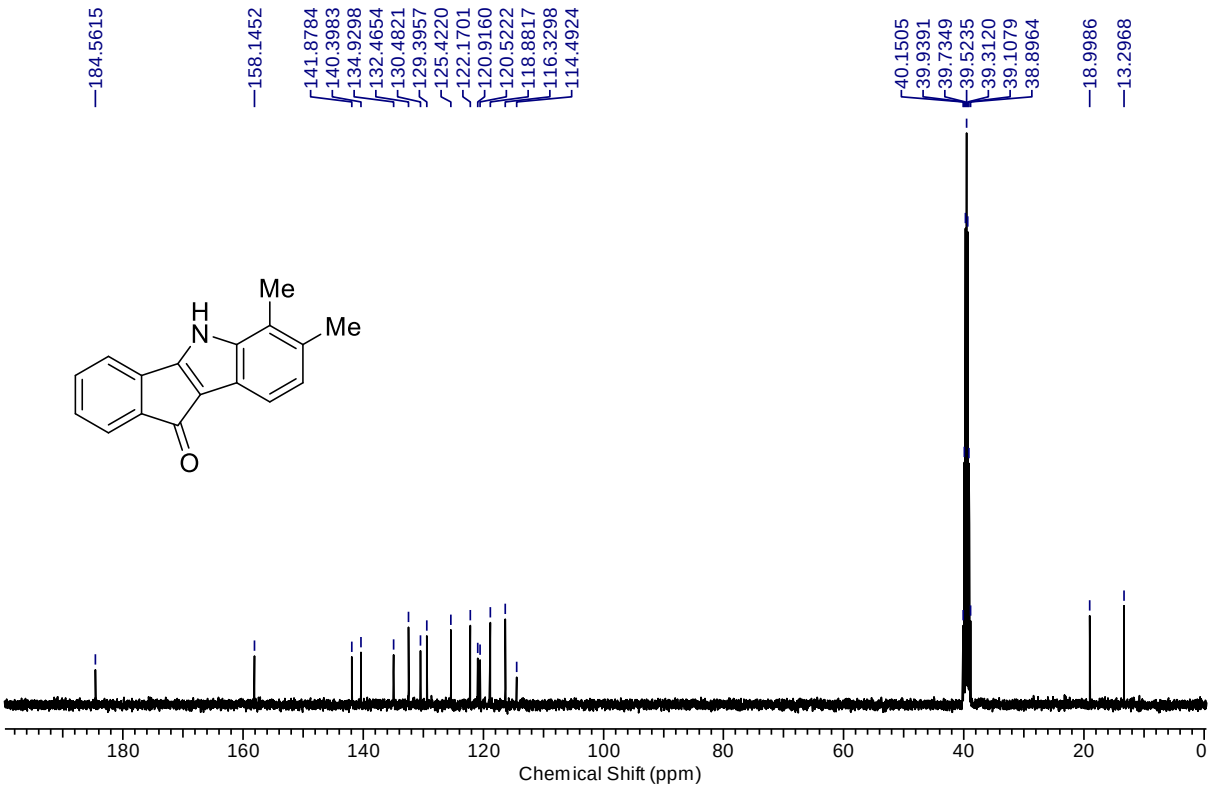


^{1}H and ^{13}C NMR spectrum of compound 3d in DMSO-d6

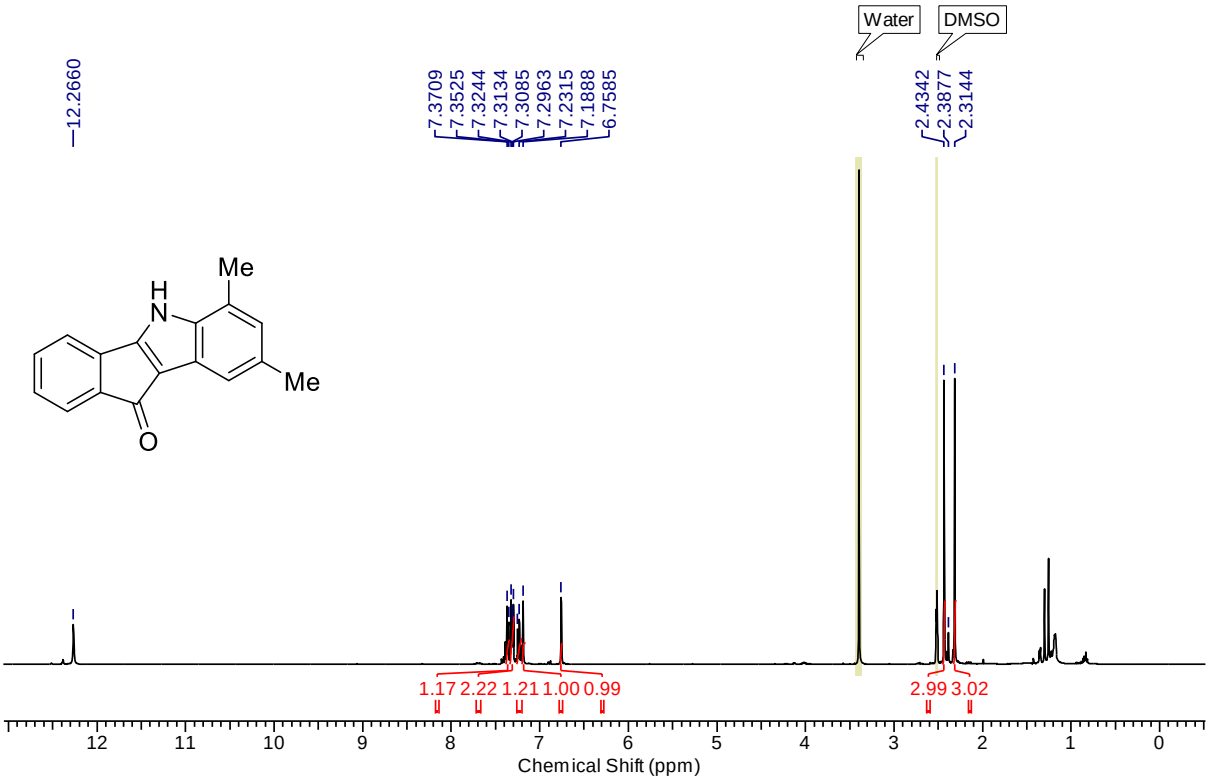


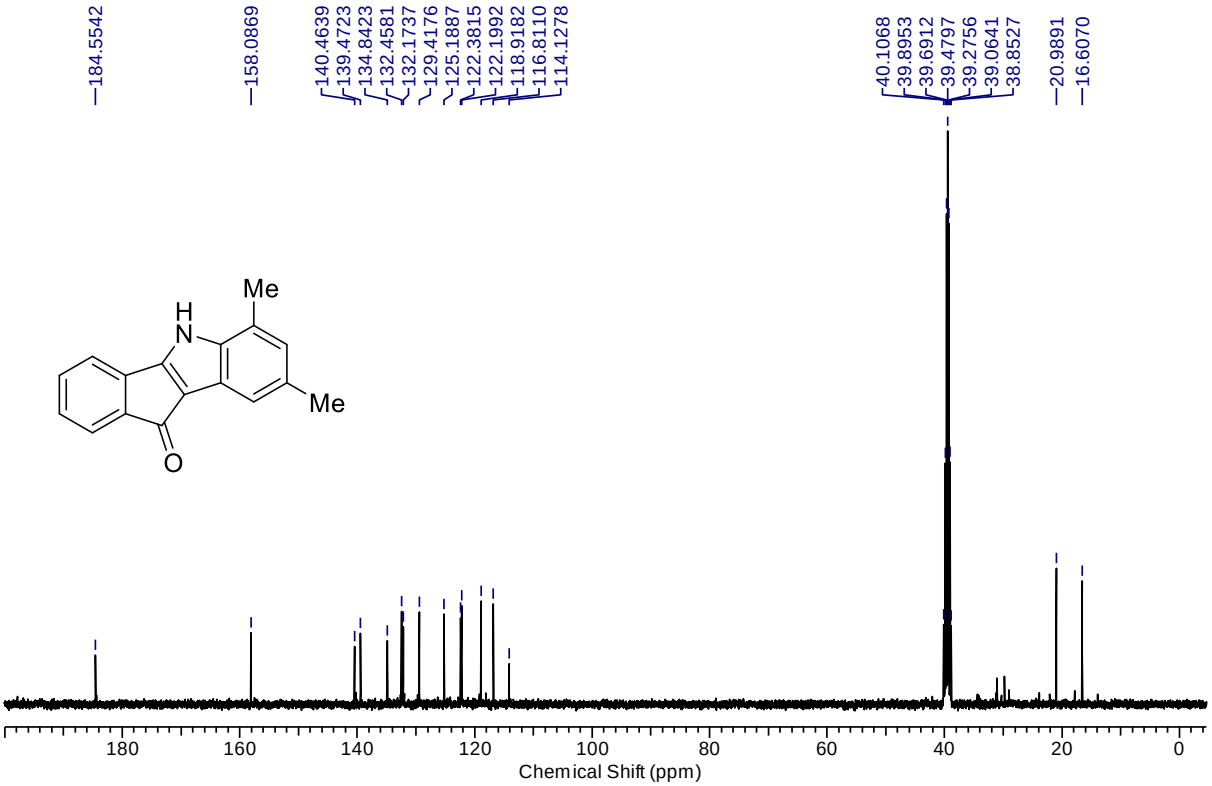
^{1}H and ^{13}C NMR spectrum of compound 3e in DMSO-d6



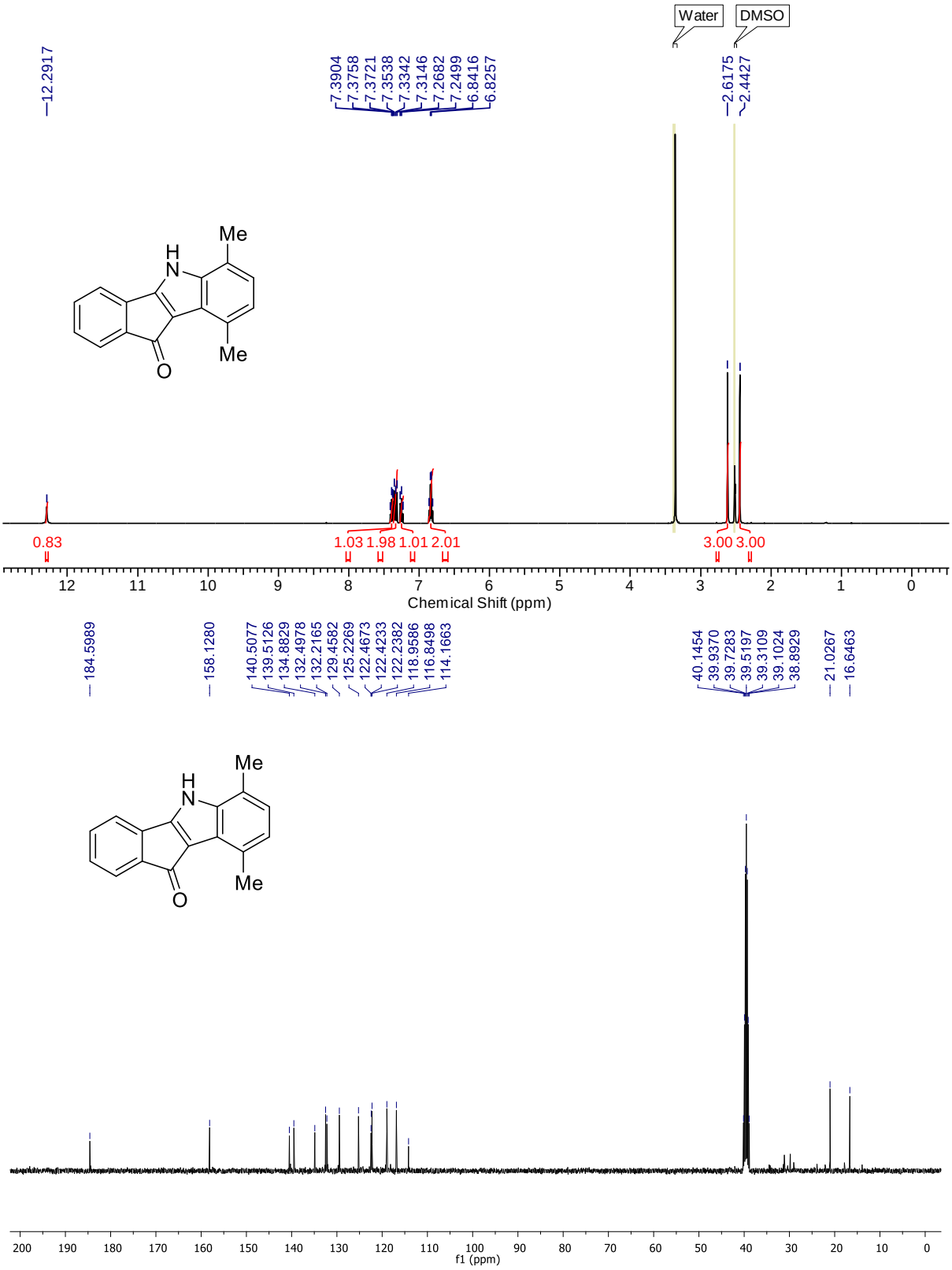


^{1}H and ^{13}C NMR spectrum of compound 3f in DMSO-d6

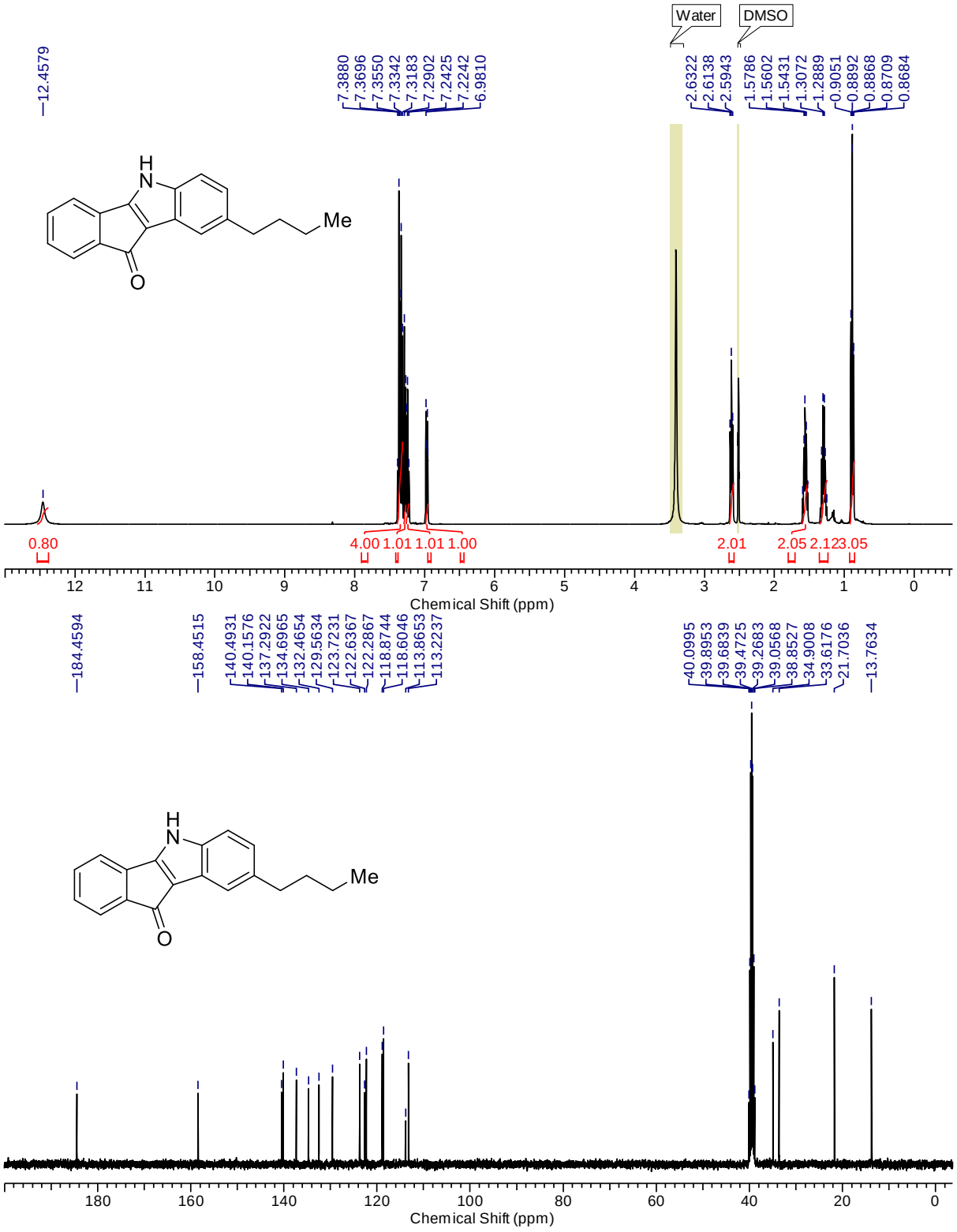




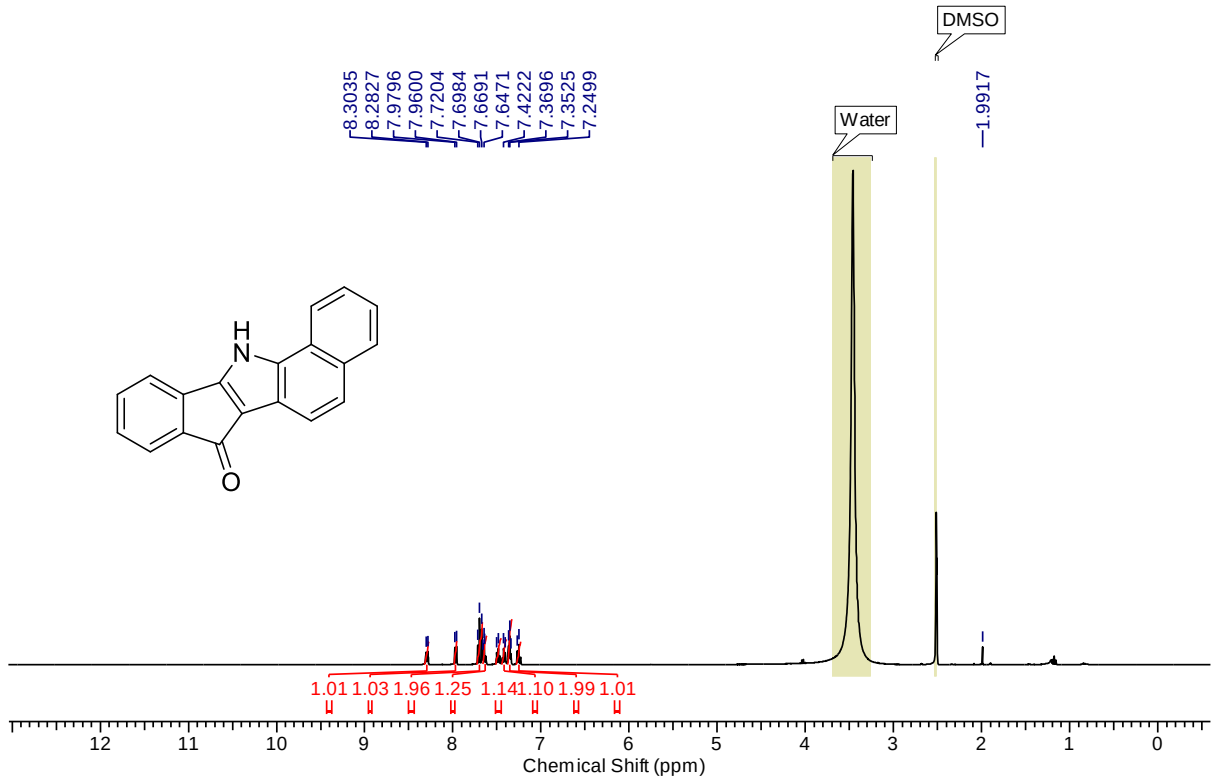
^{1}H and ^{13}C NMR spectrum of compound 3g in DMSO-d6

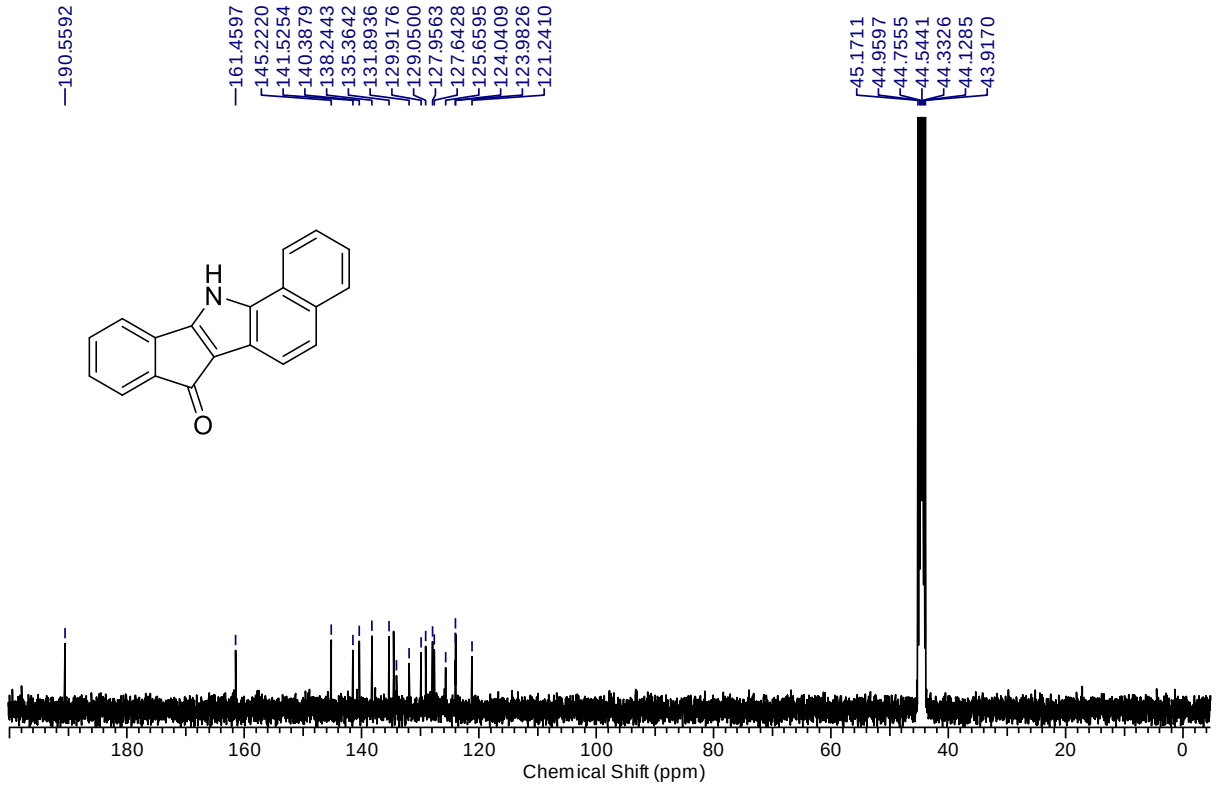


^{1}H and ^{13}C NMR spectrum of compound 3h in DMSO-d6

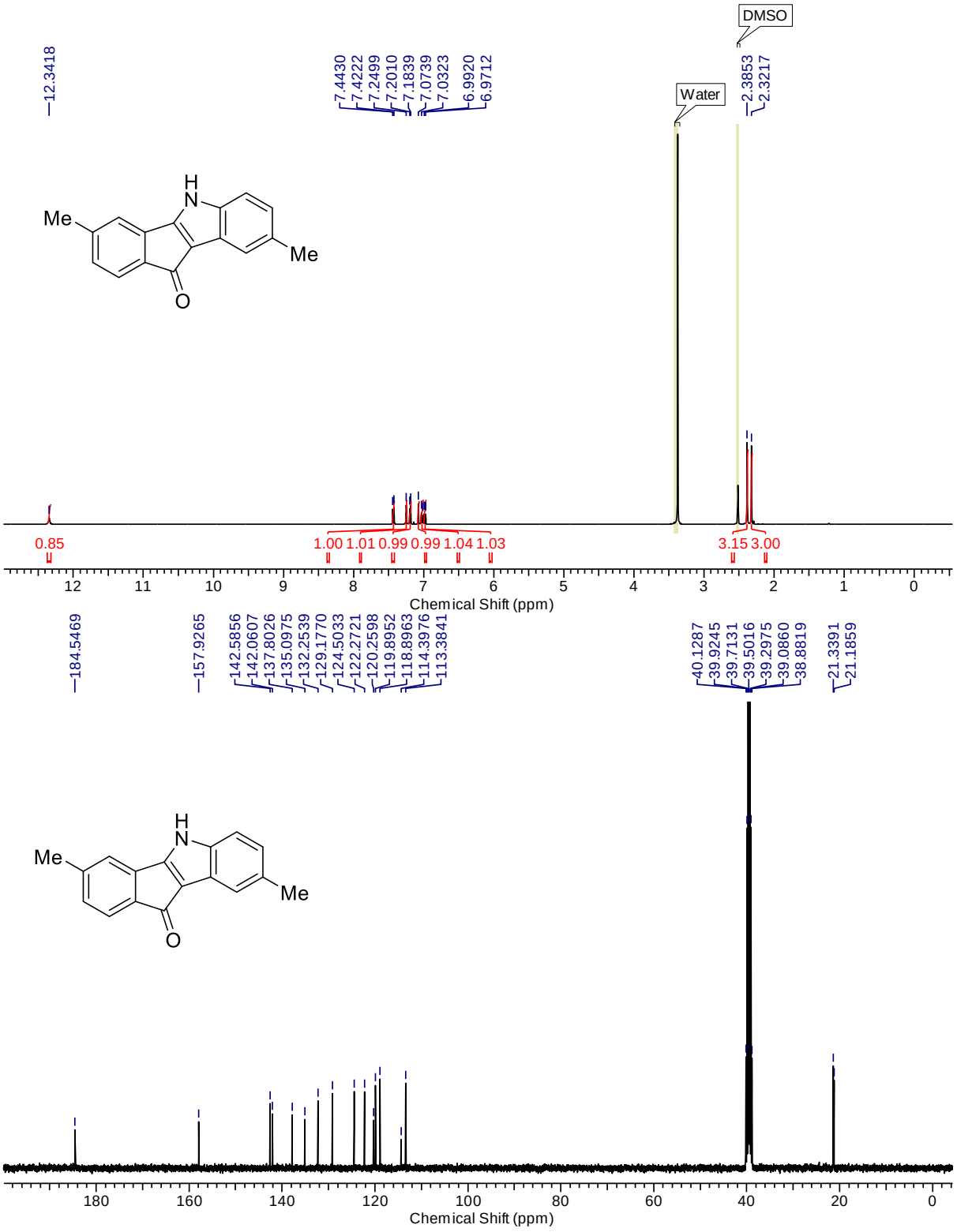


^{1}H and ^{13}C NMR spectrum of compound 3i in DMSO-d6

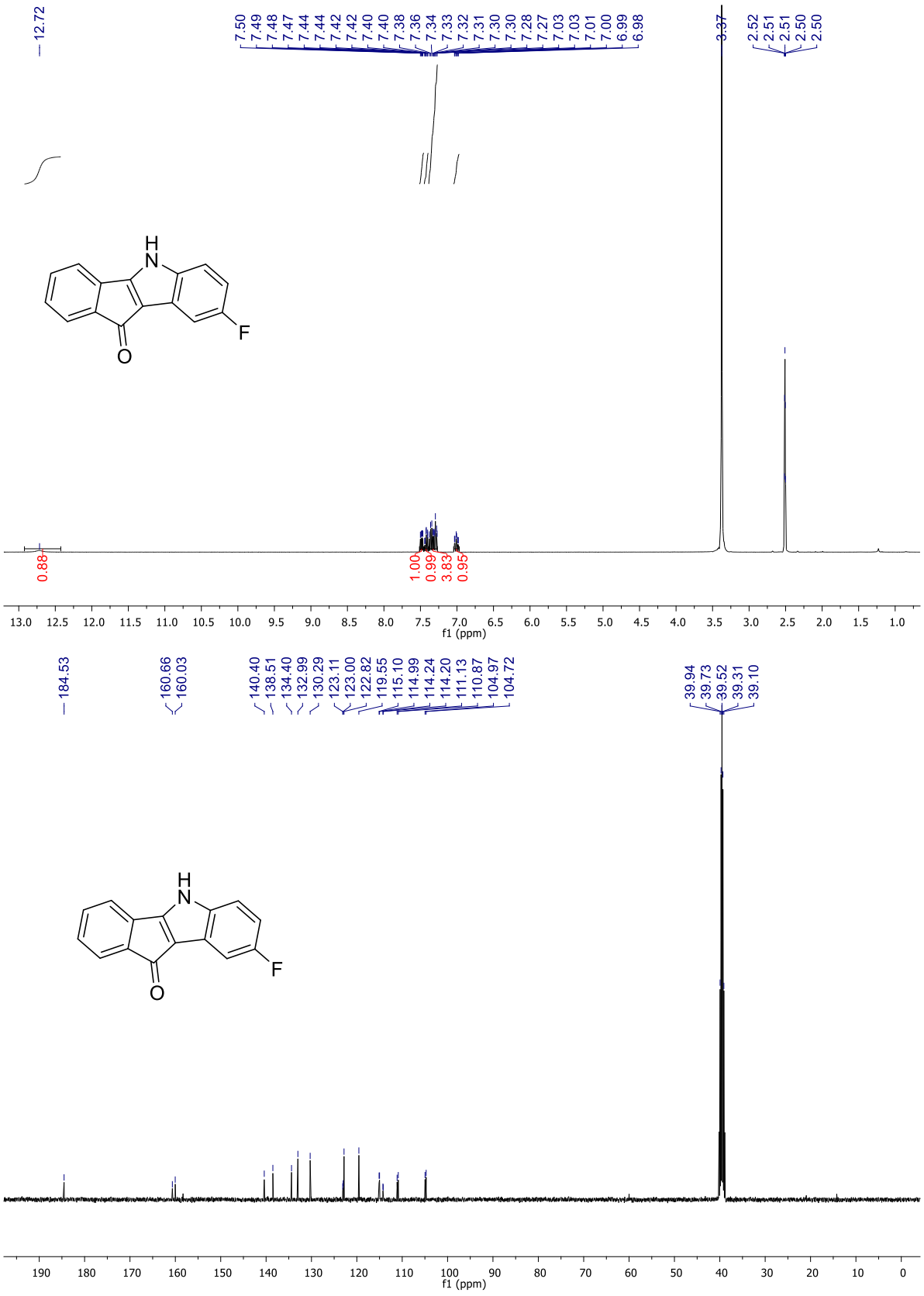




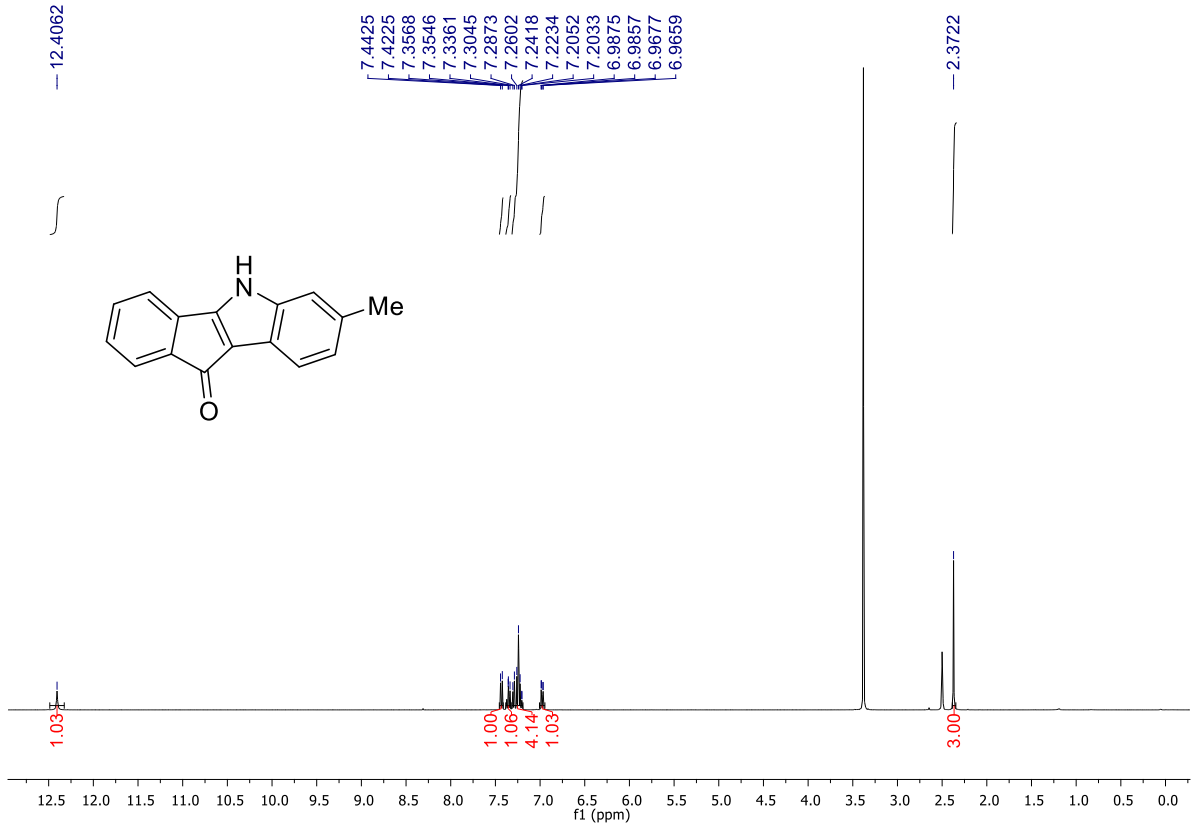
^{1}H and ^{13}C NMR spectrum of compound 3j in DMSO-d6

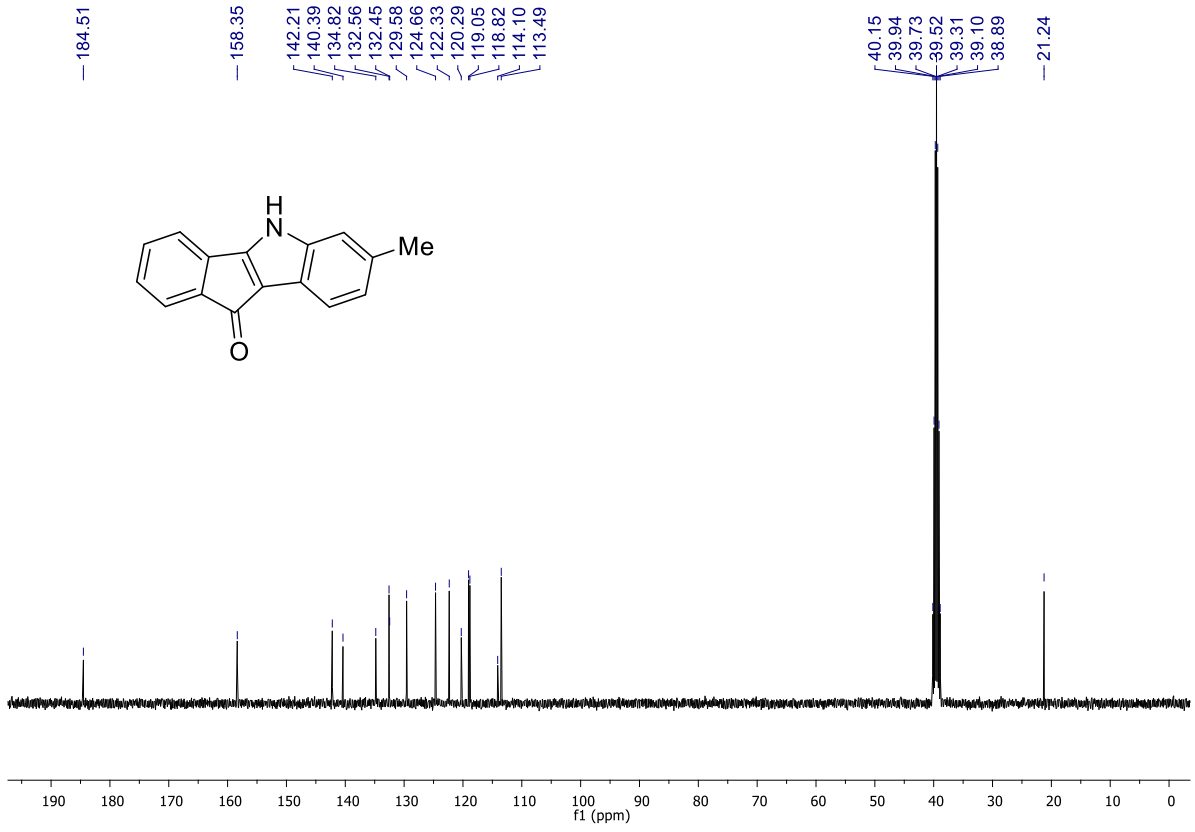


^{1}H and ^{13}C NMR spectrum of compound 3k in DMSO-d6

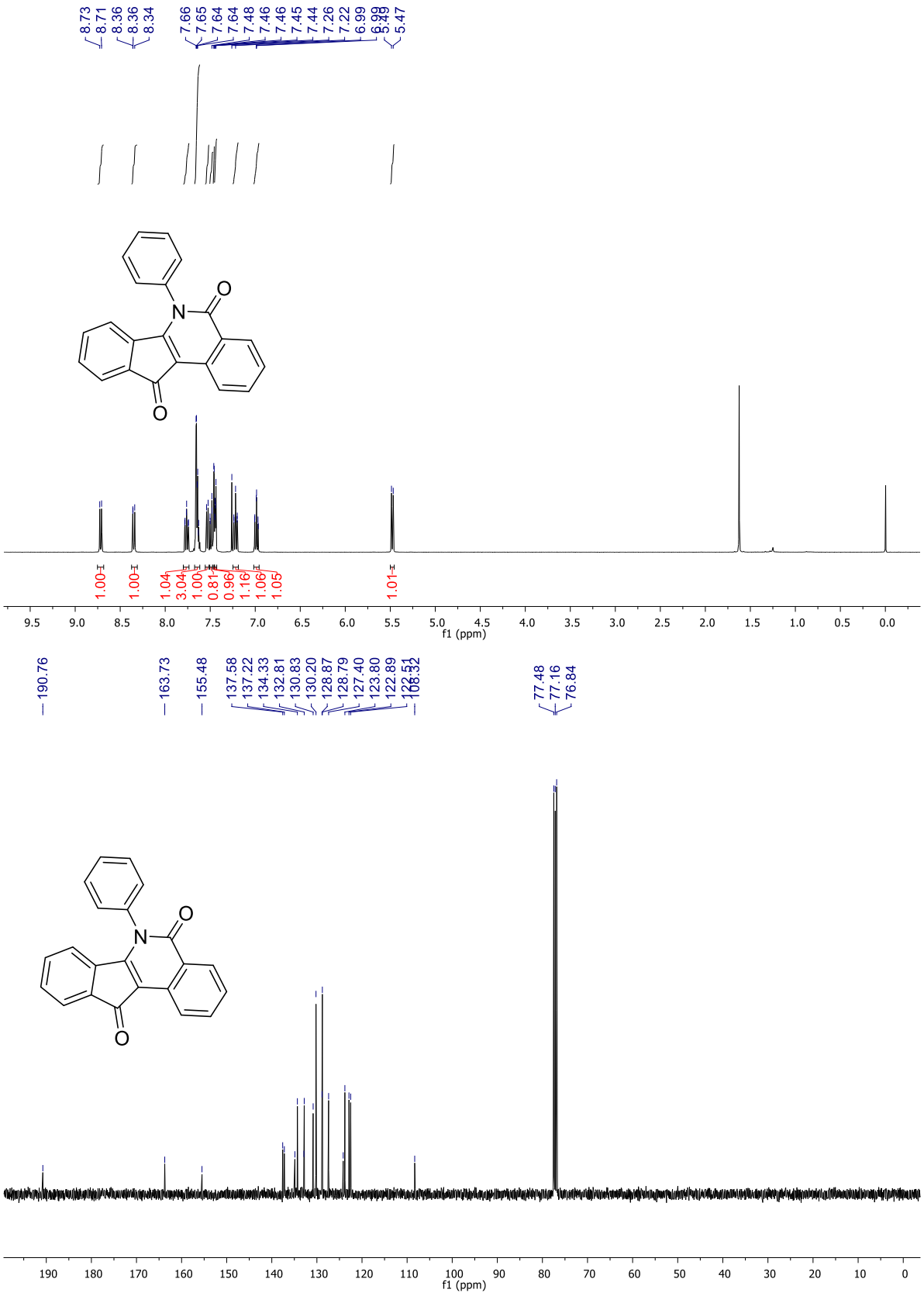


^{1}H and ^{13}C NMR spectrum of compound 3l in DMSO-d_6

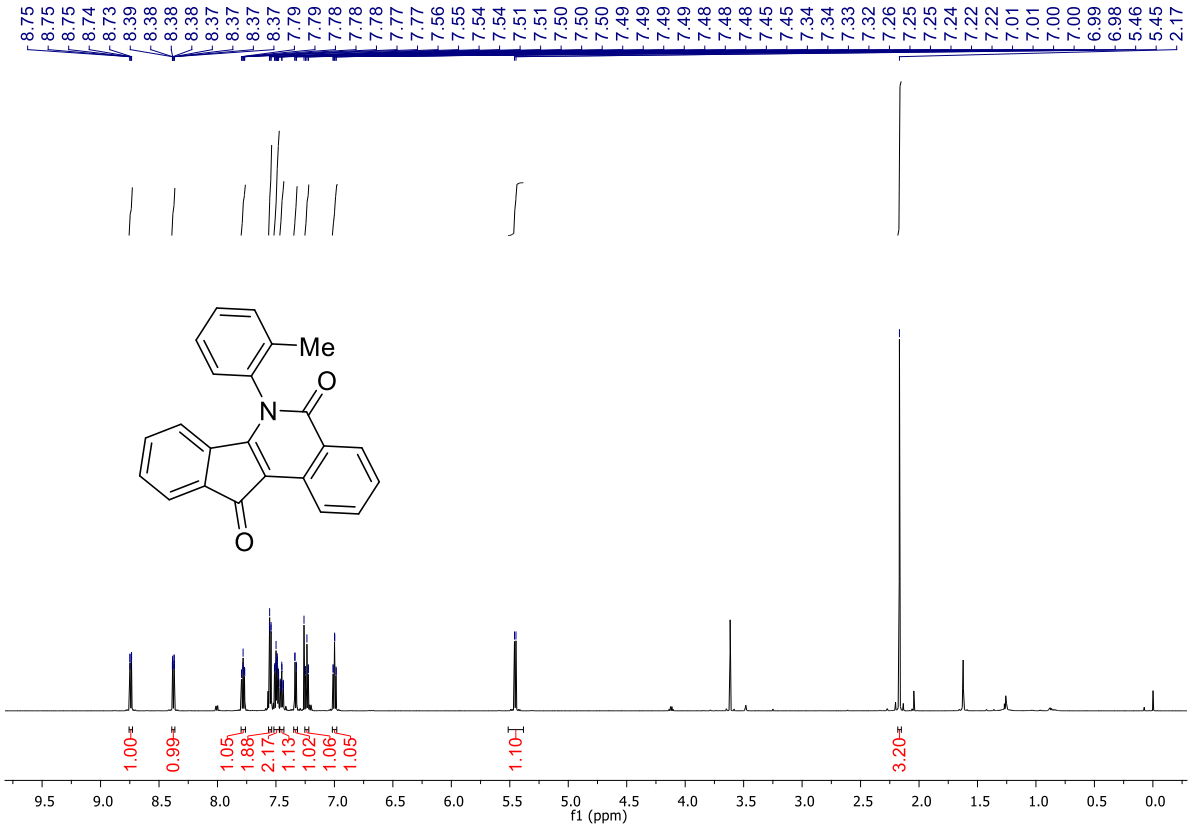


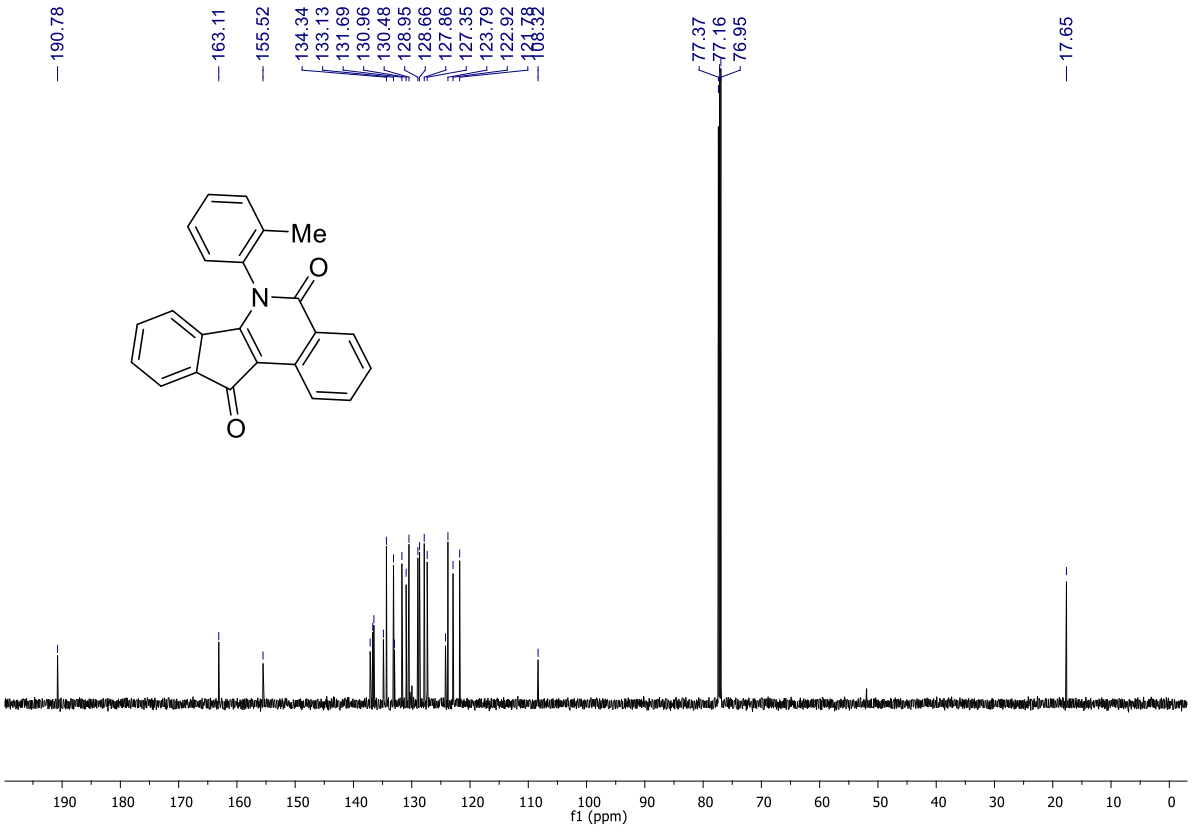


^{1}H and ^{13}C NMR spectrum of compound 6a in $CDCl_3$

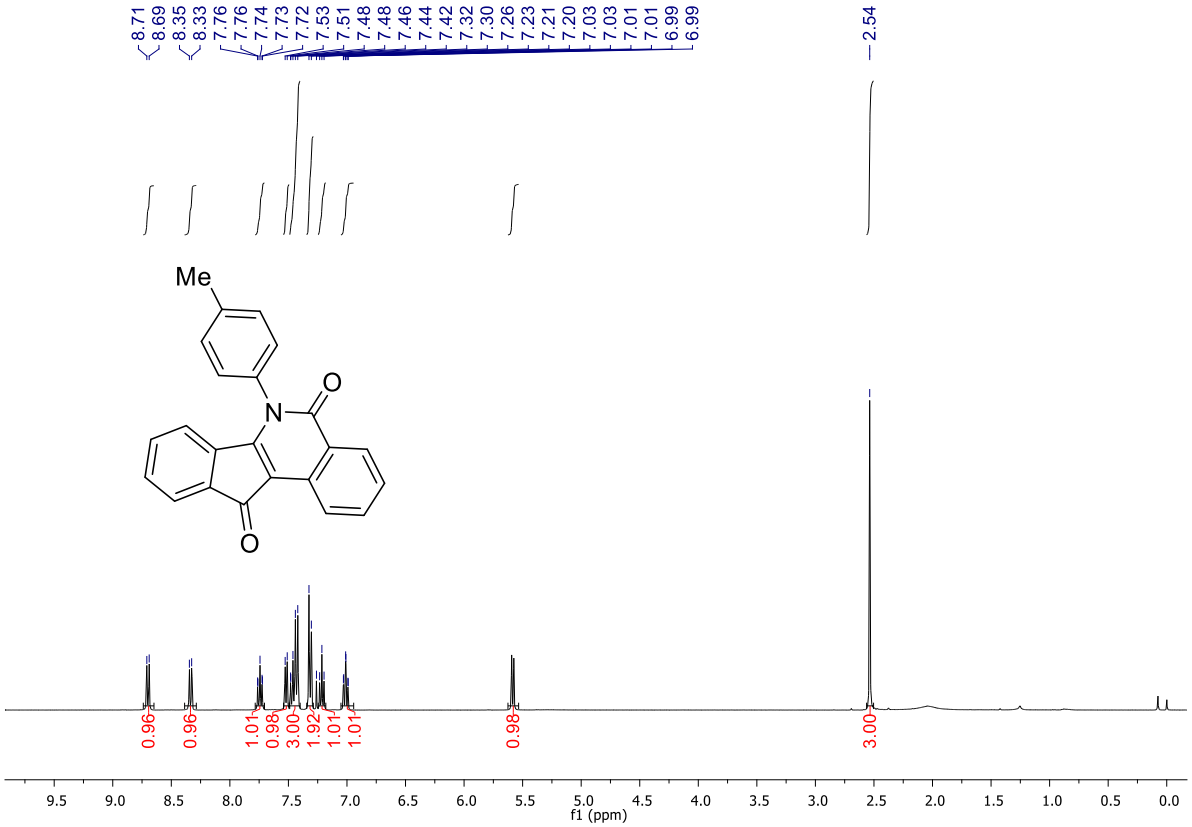


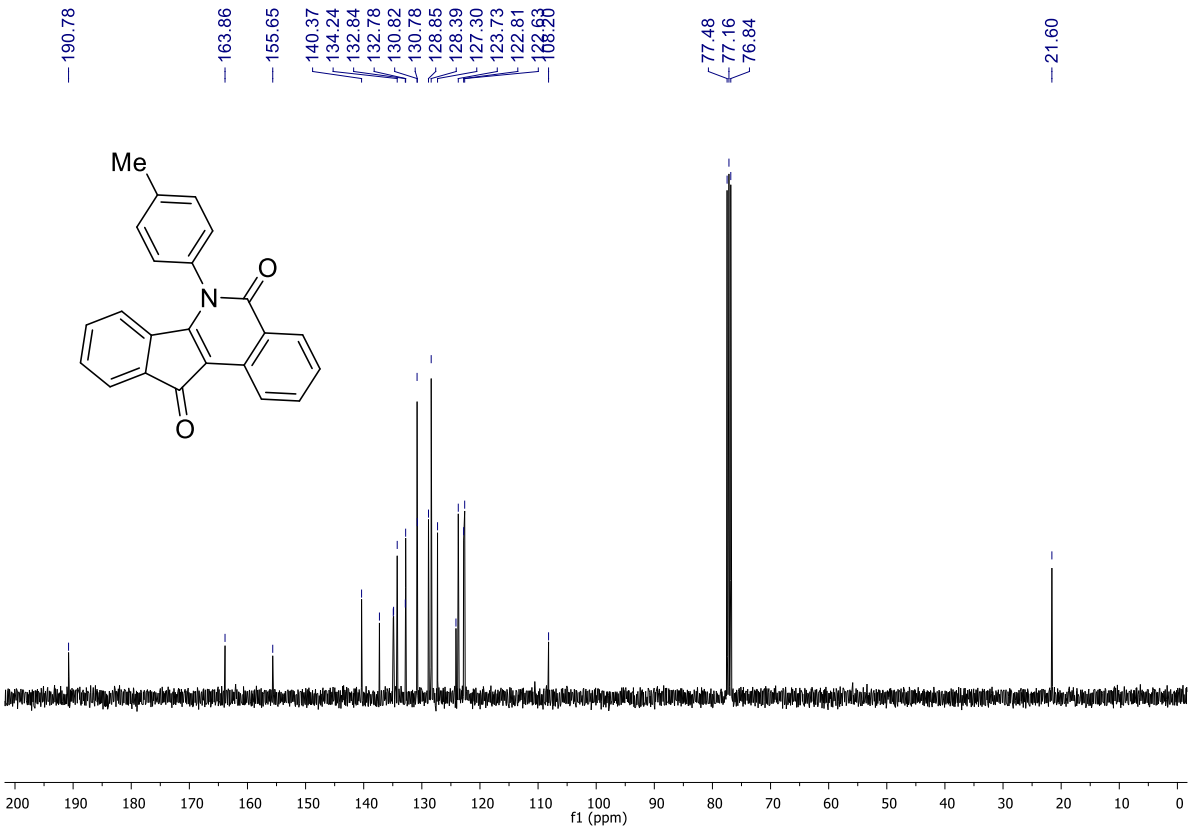
^{1}H and ^{13}C NMR spectrum of compound 6b in $CDCl_3$



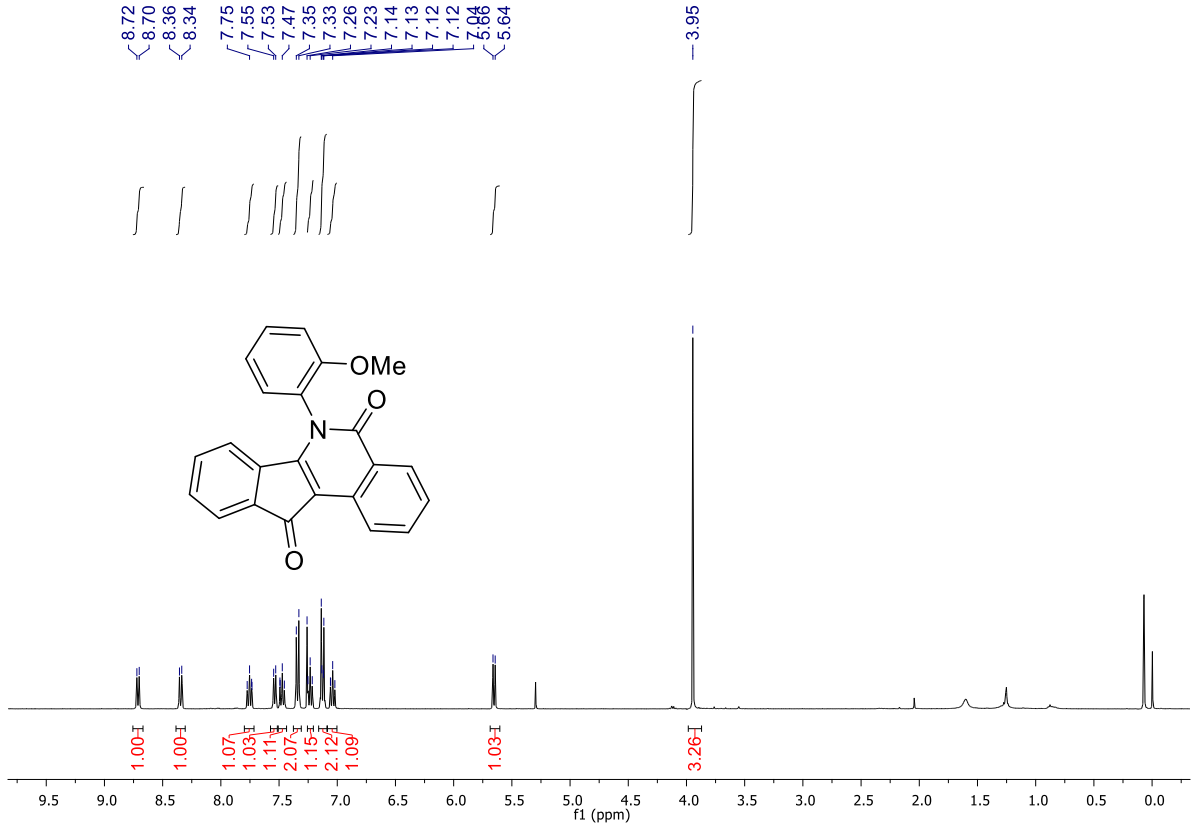


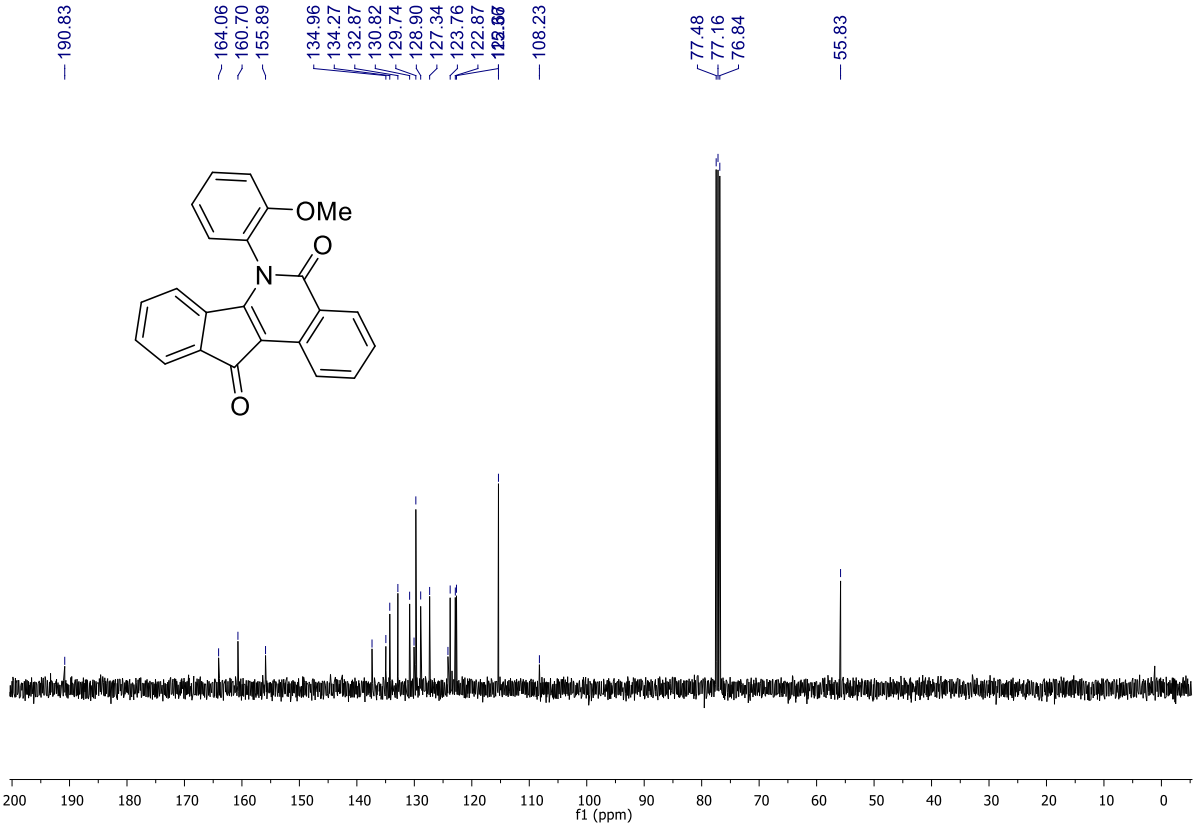
^{1}H and ^{13}C NMR spectrum of compound 6c in $CDCl_3$



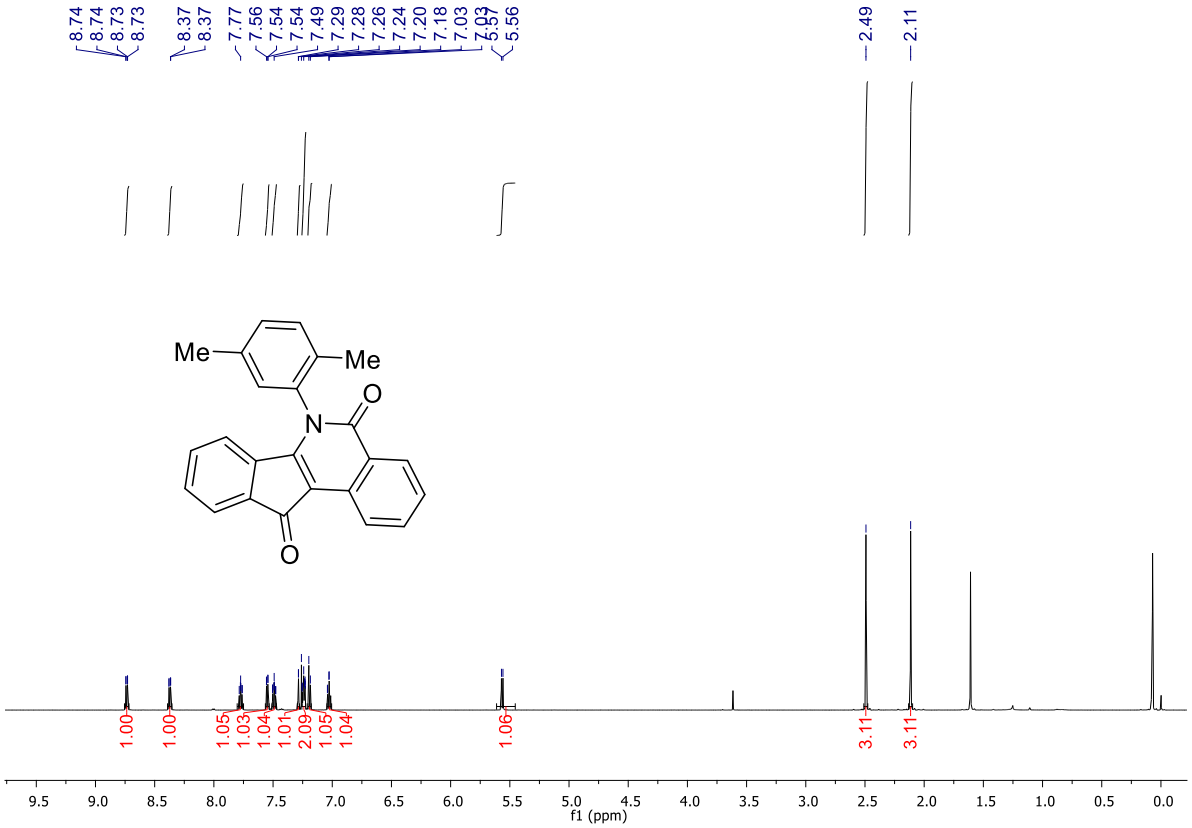


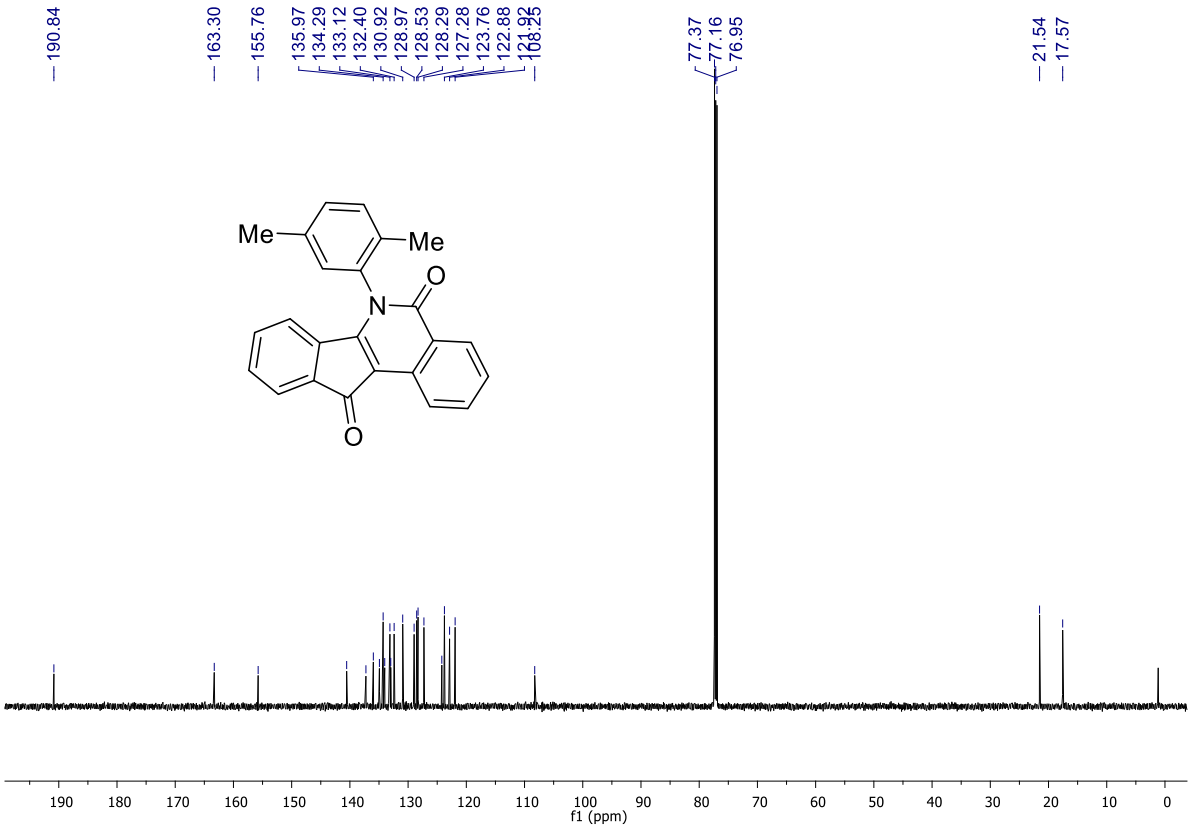
^{1}H and ^{13}C NMR spectrum of compound 6d in $CDCl_3$



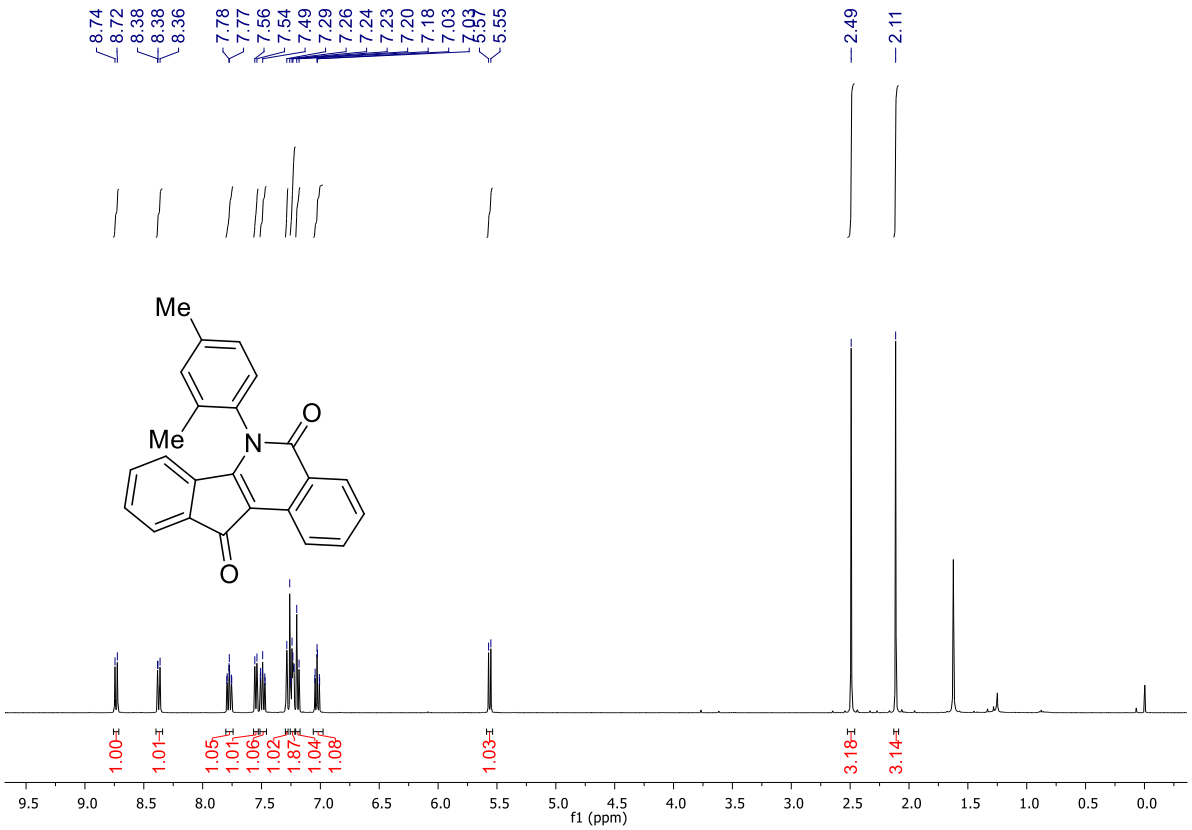


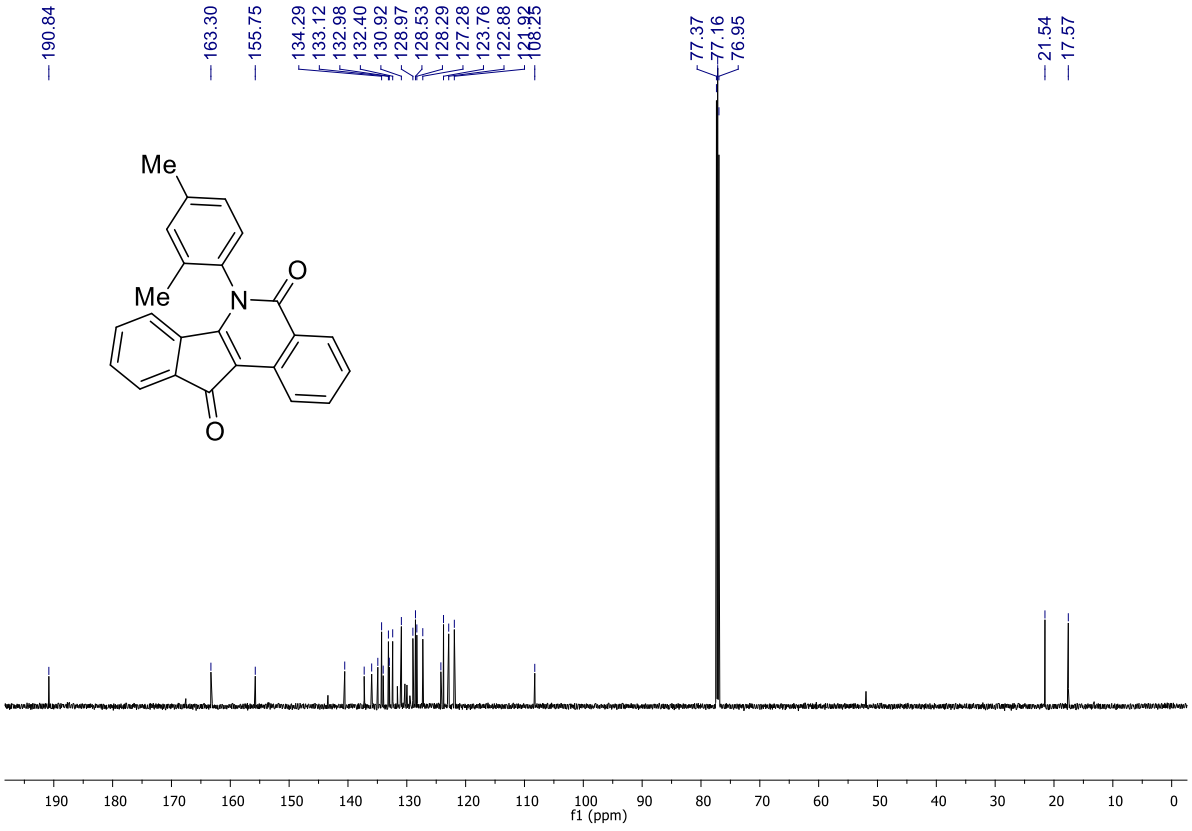
^{1}H and ^{13}C NMR spectrum of compound 6e in $CDCl_3$



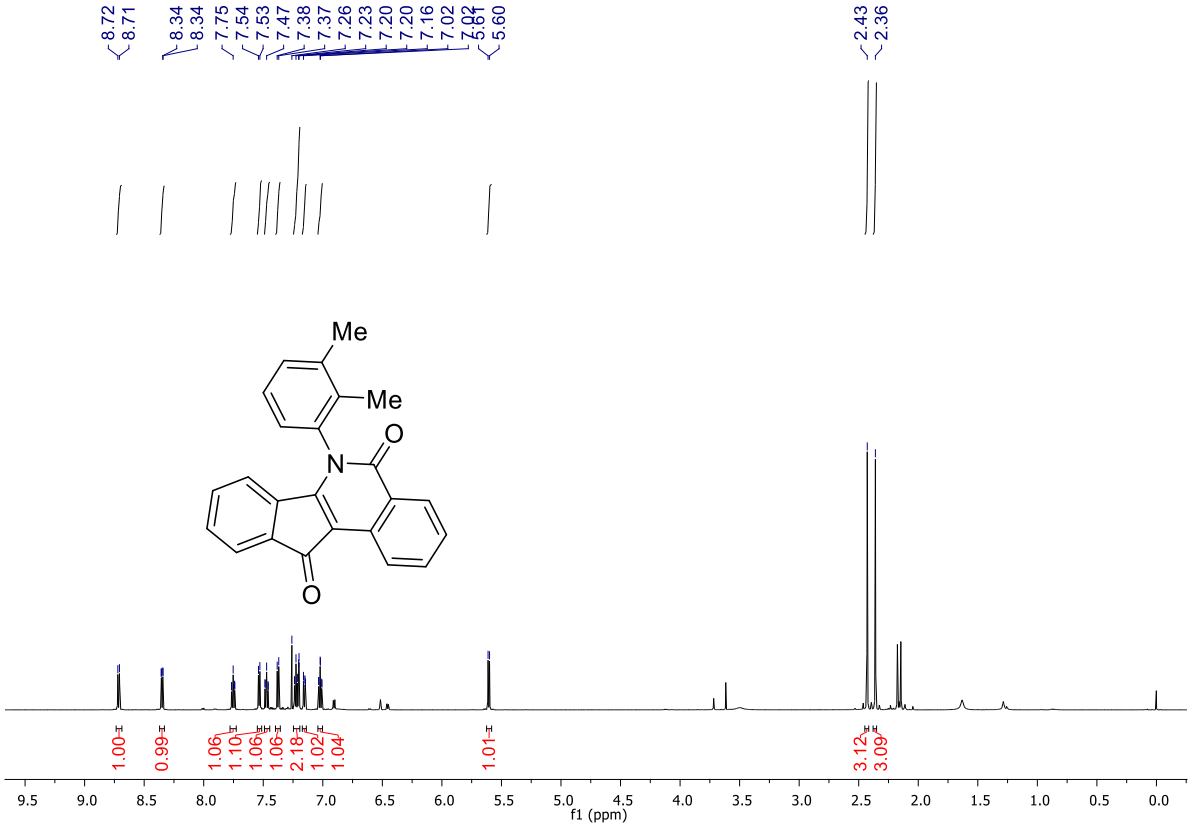


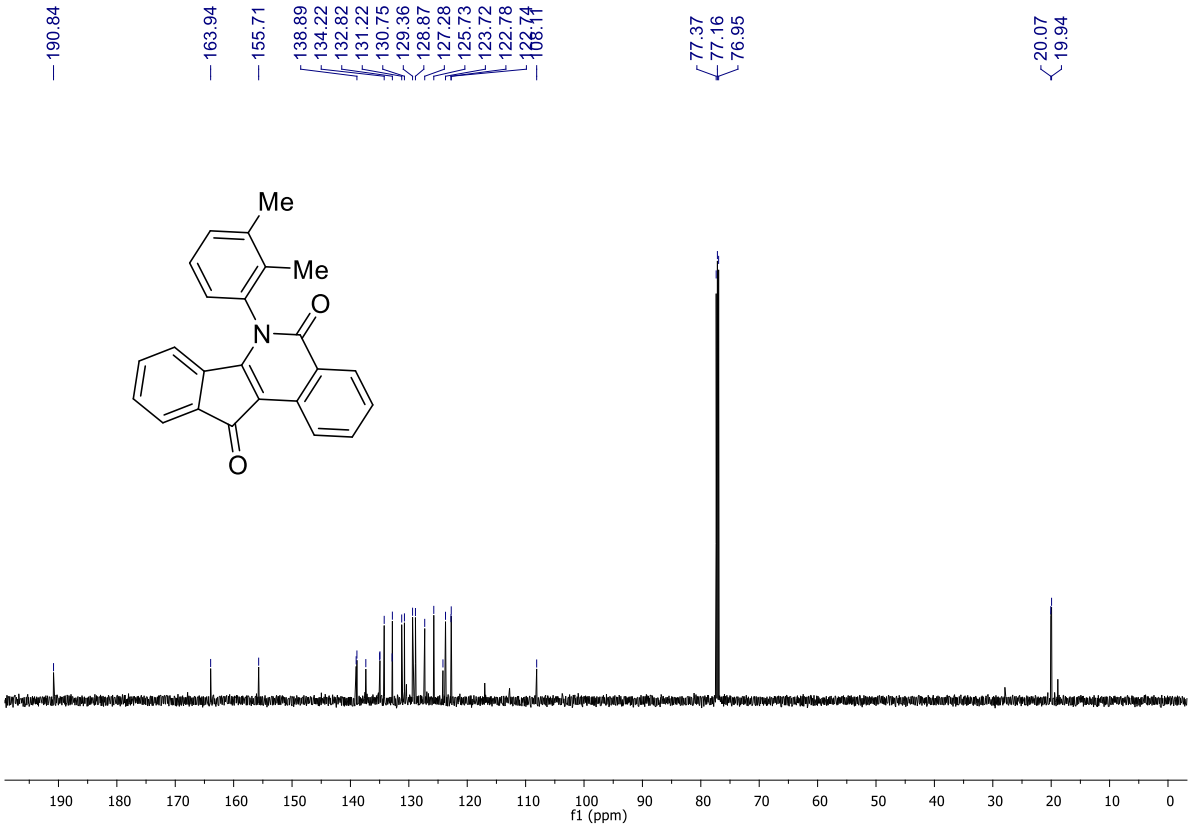
^{1}H and ^{13}C NMR spectrum of compound 6f in $CDCl_3$



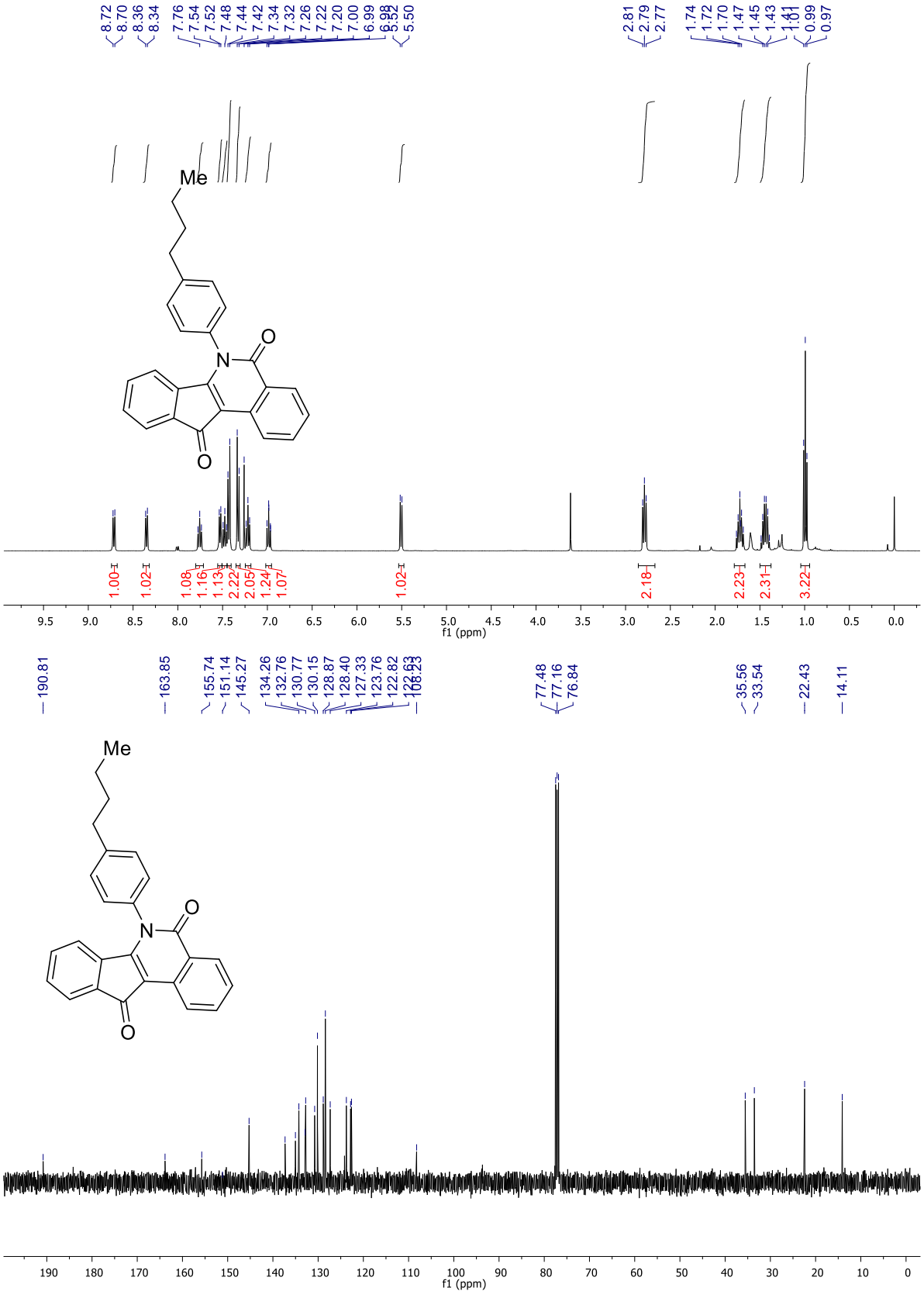


^{1}H and ^{13}C NMR spectrum of compound 6g in $CDCl_3$

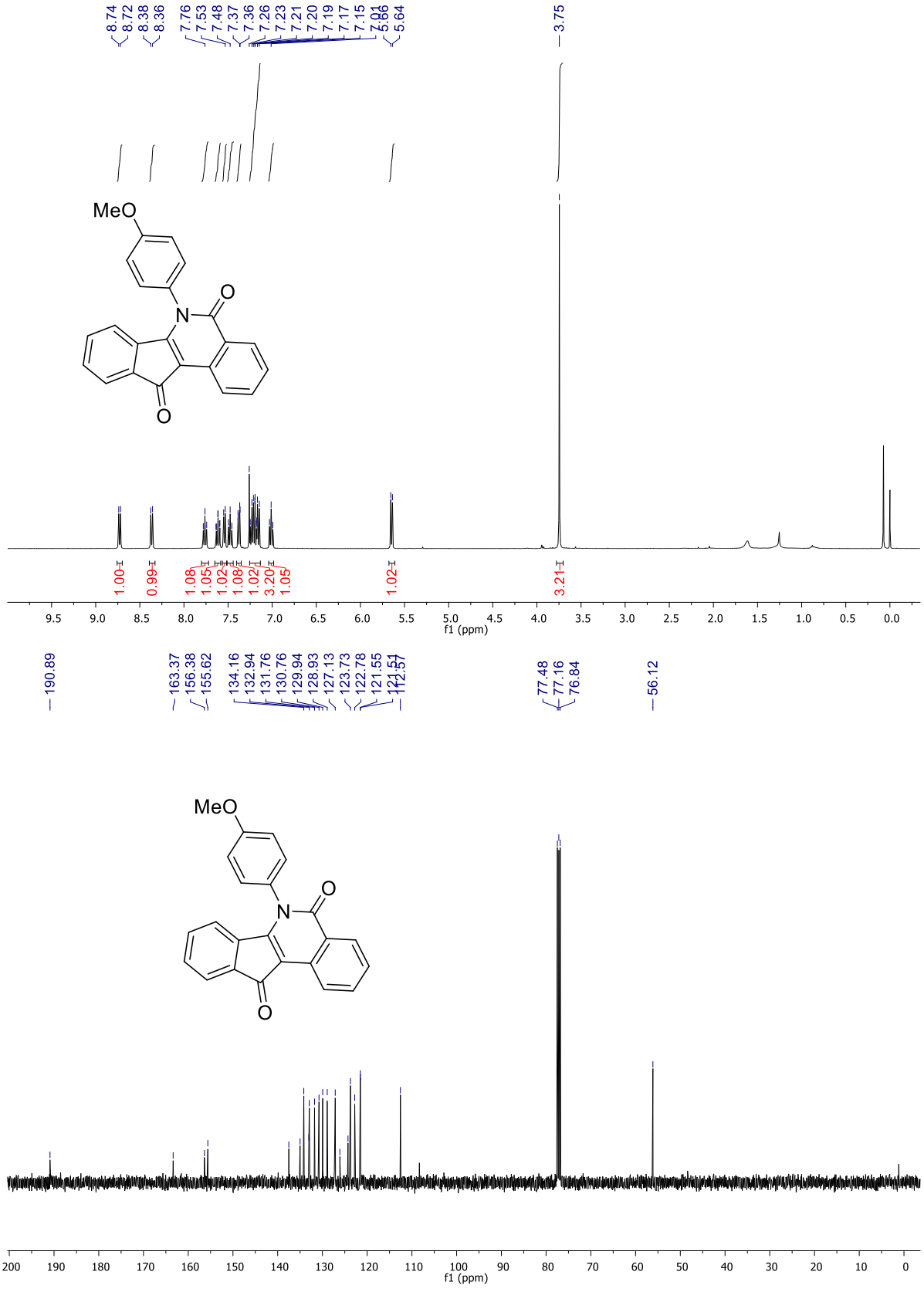




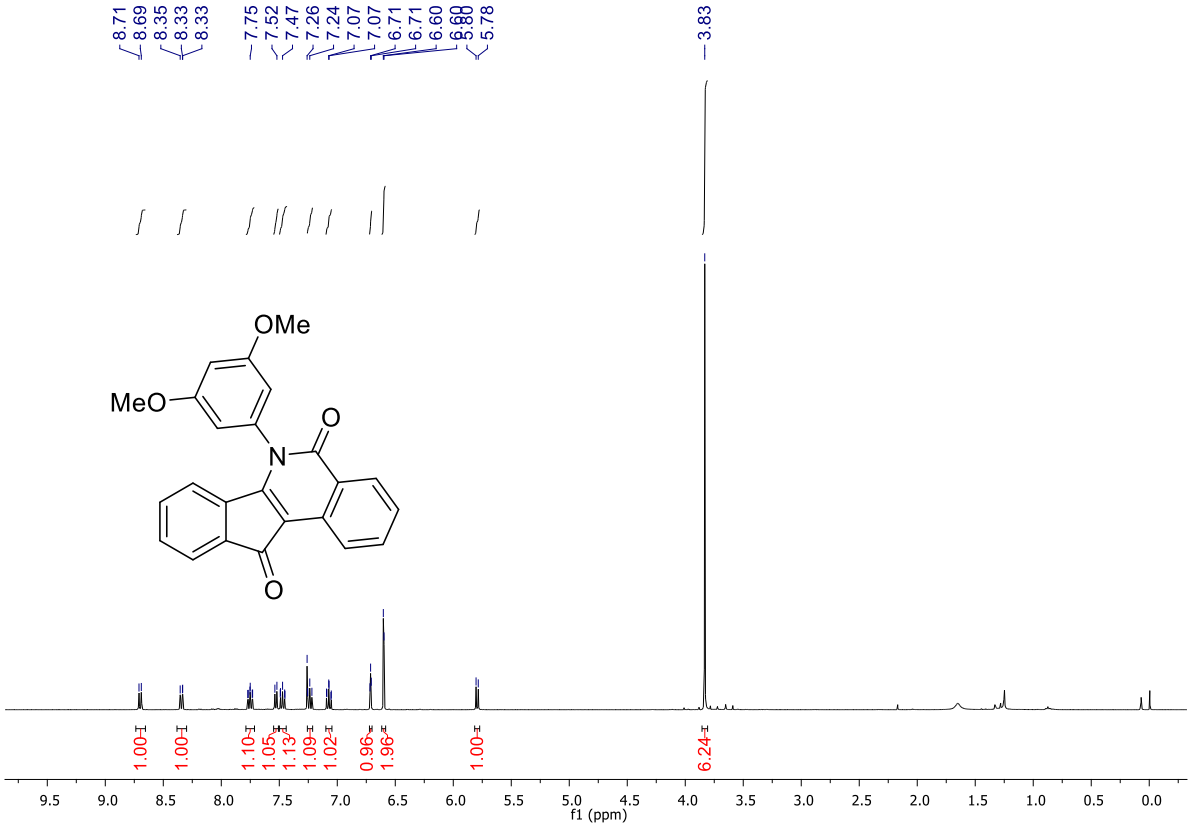
^{1}H and ^{13}C NMR spectrum of compound 6h in $CDCl_3$

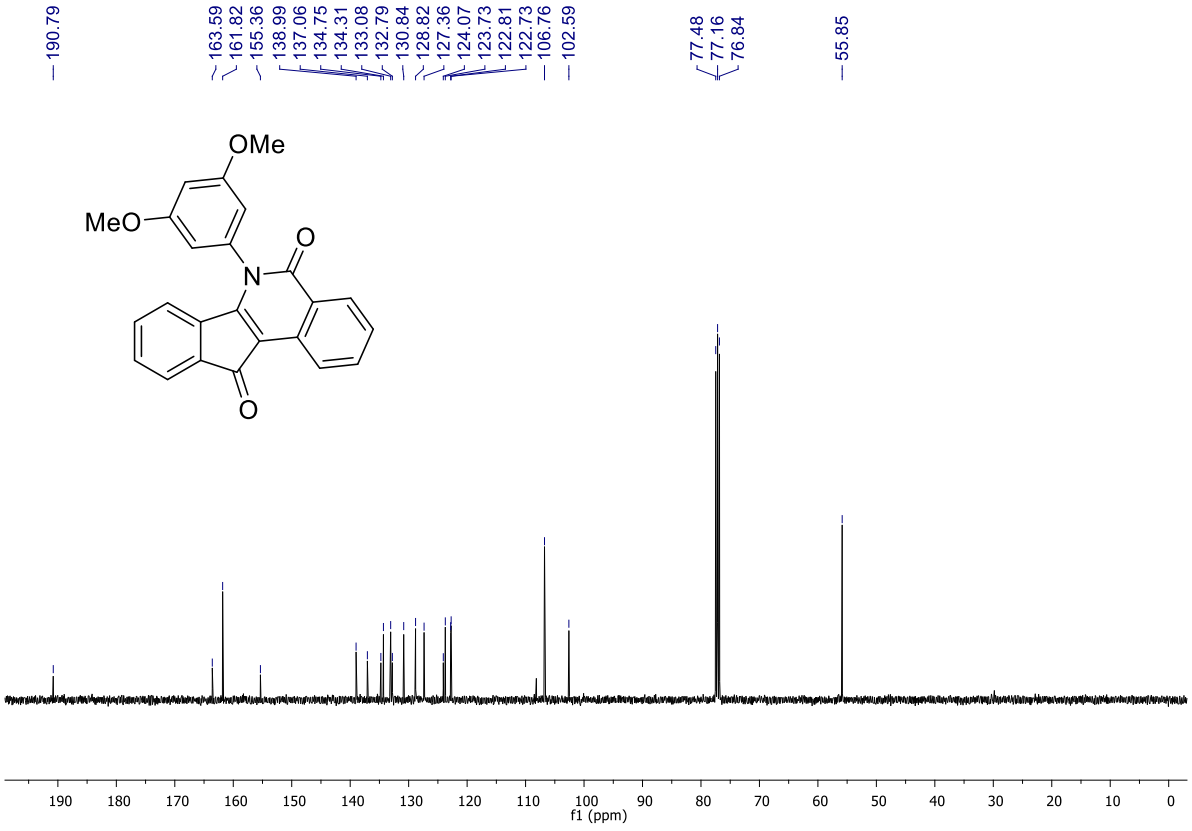


^{1}H and ^{13}C NMR spectrum of compound 6i in $CDCl_3$

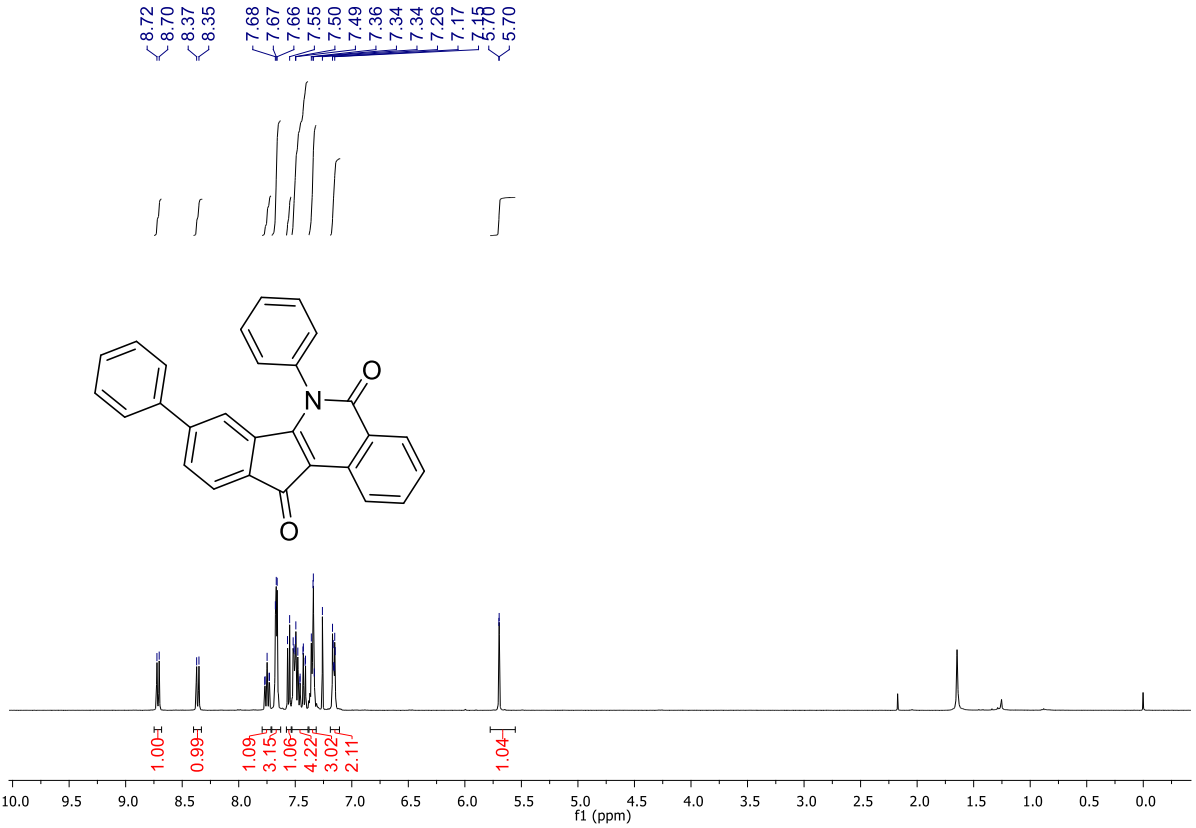


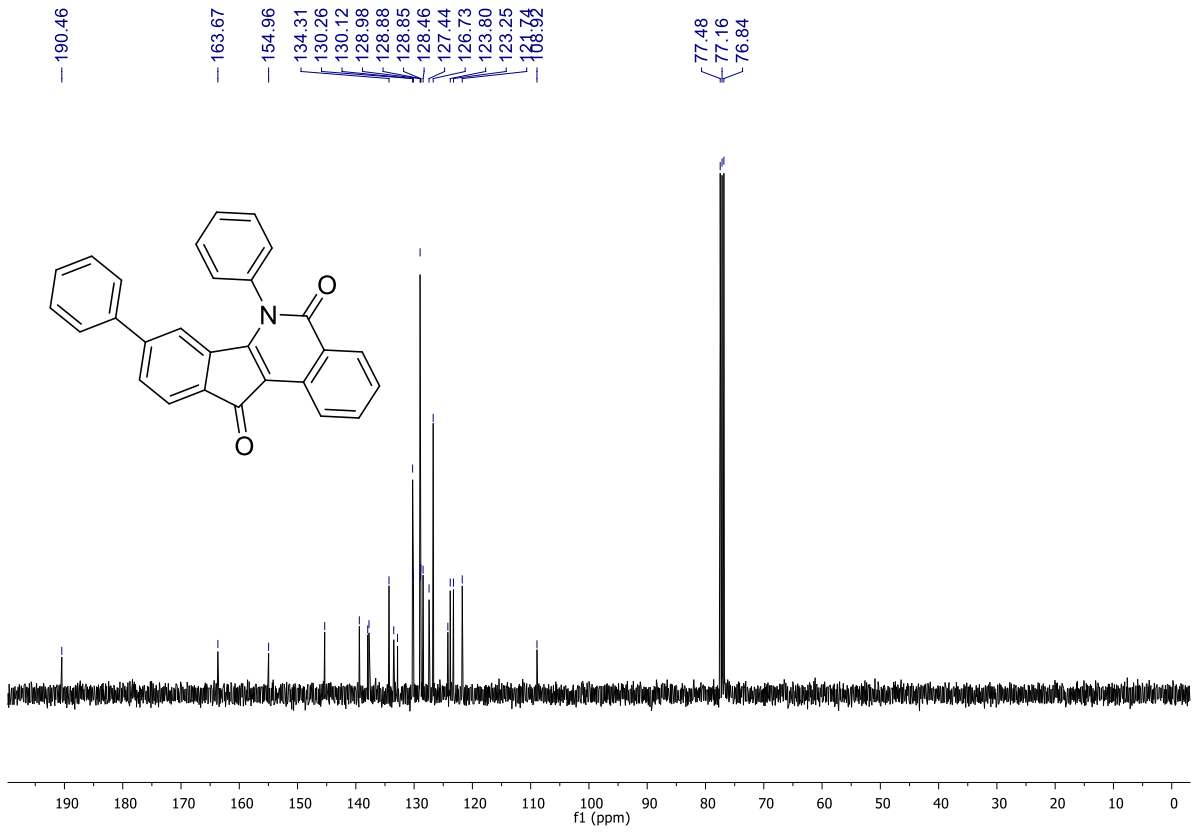
^{1}H and ^{13}C NMR spectrum of compound 6j in $CDCl_3$



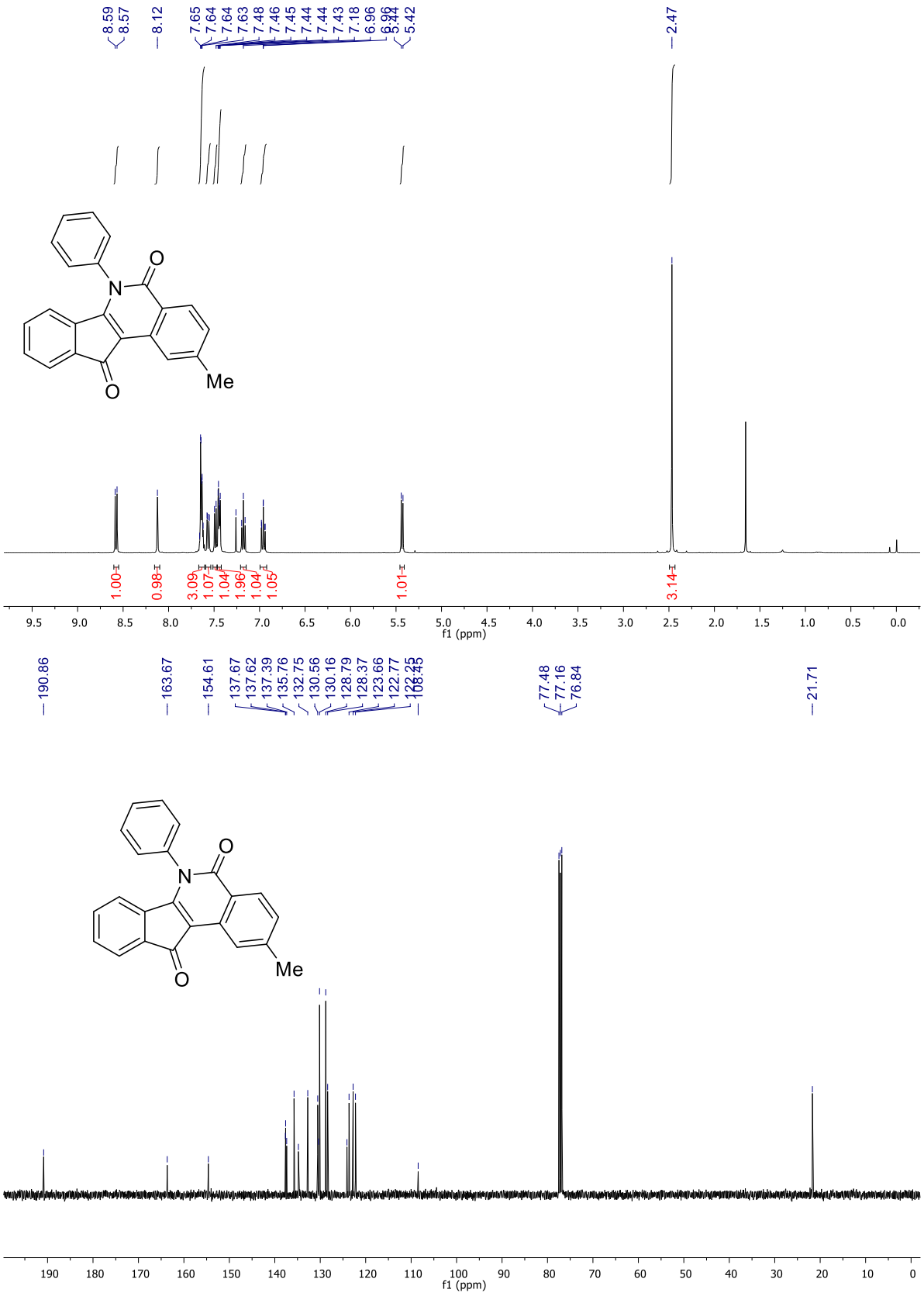


^{1}H and ^{13}C NMR spectrum of compound 6k in $CDCl_3$

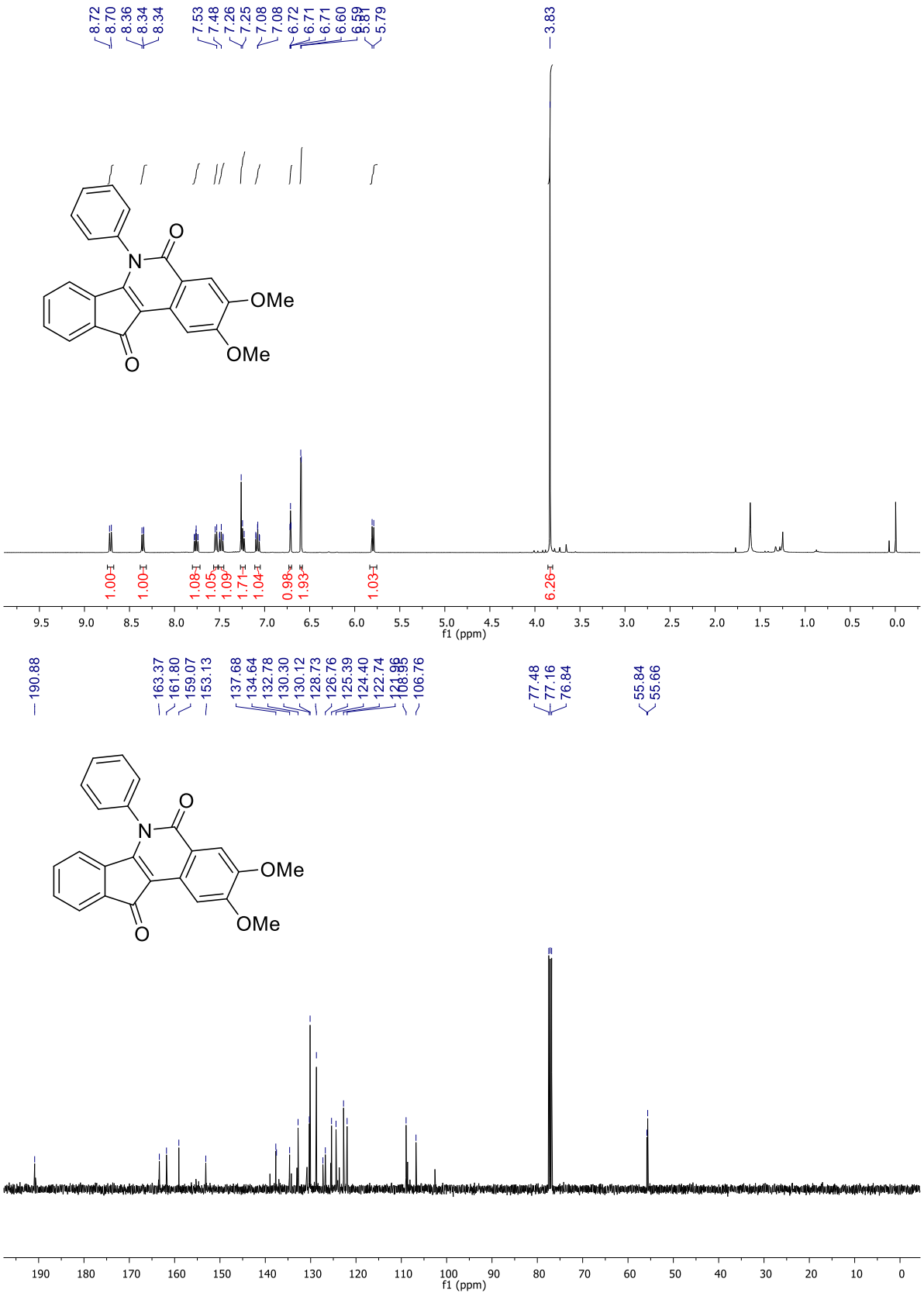




^{1}H and ^{13}C NMR spectrum of compound 6l in $CDCl_3$



^{1}H and ^{13}C NMR spectrum of compound 6m in $CDCl_3$



^{1}H and ^{13}C NMR spectrum of compound 6n in $CDCl_3$