Electronic Supplementary Material (ESI) for RSC Advances.

Supporting Information

One-step Approach for Synthesis of Functionalized Quinoxalines Mediated by T3P® - DMSO or T3P® via Tandem Oxidation – Condensation or Condensation Reaction

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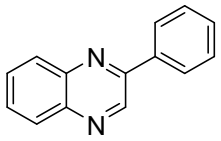
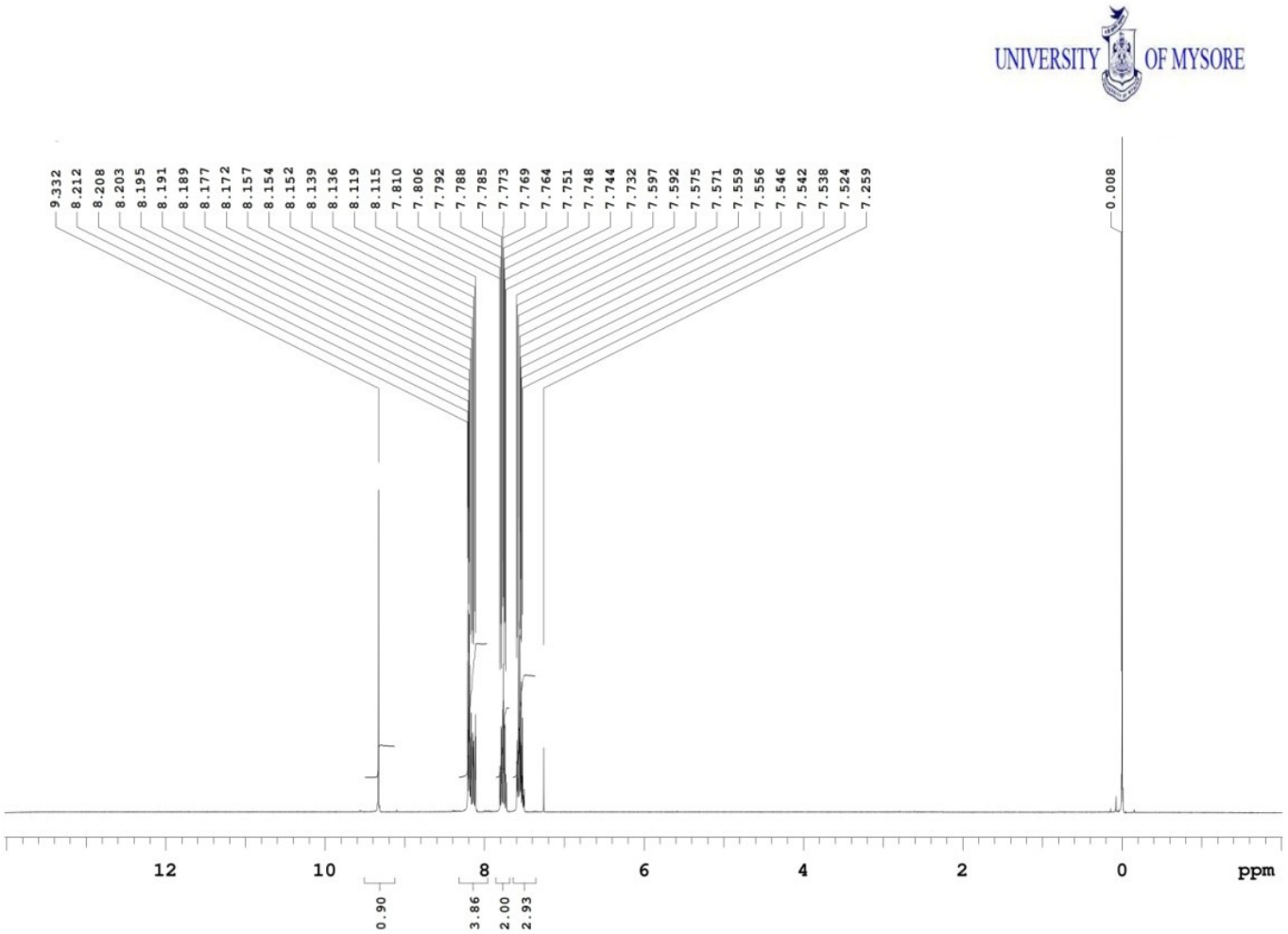
^{1}H NMR of **3a** or **4a** in $CDCl_3$





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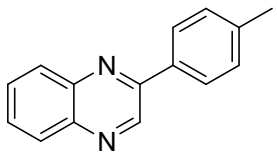

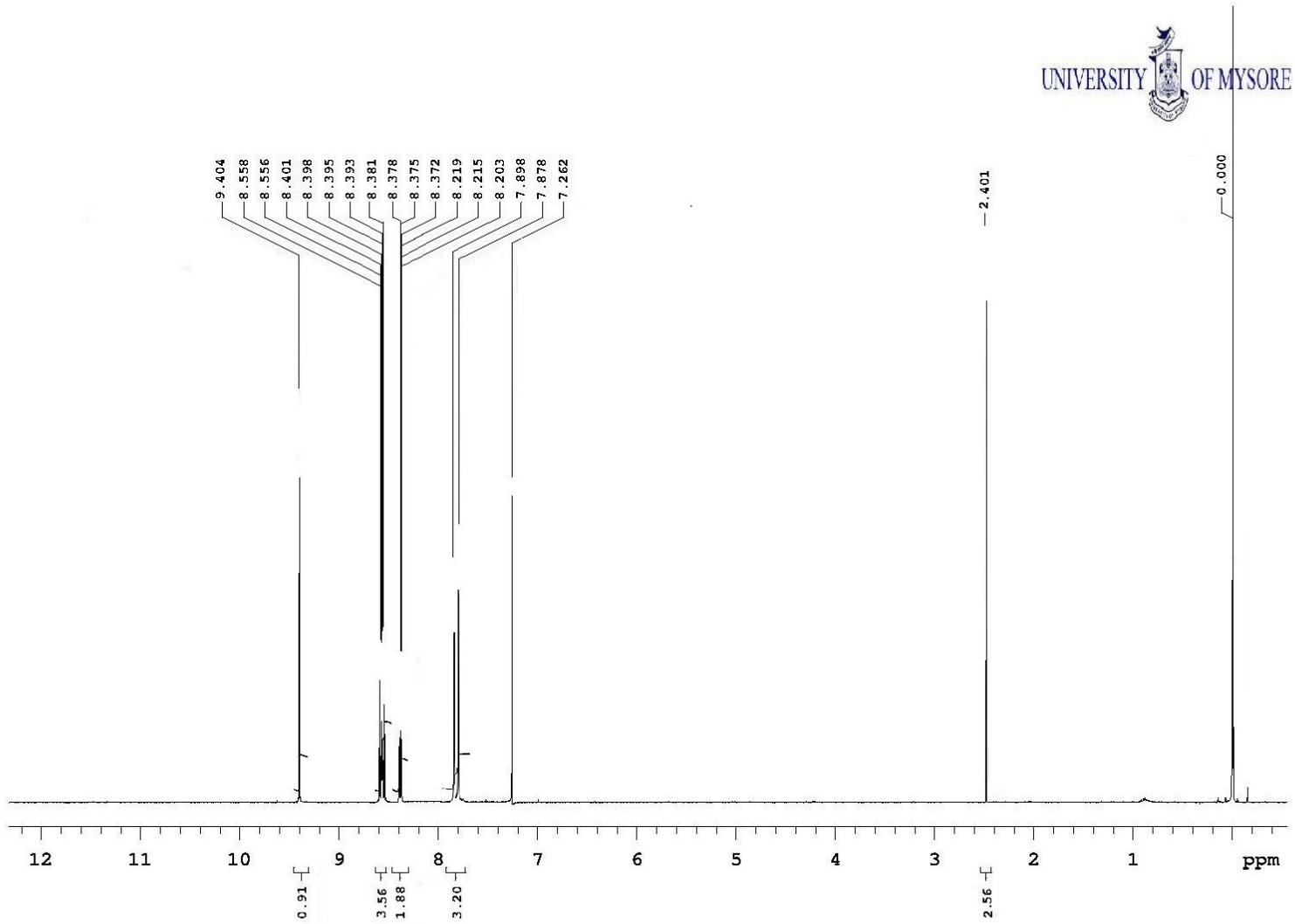

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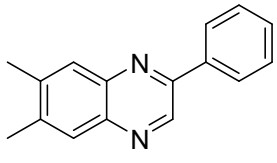

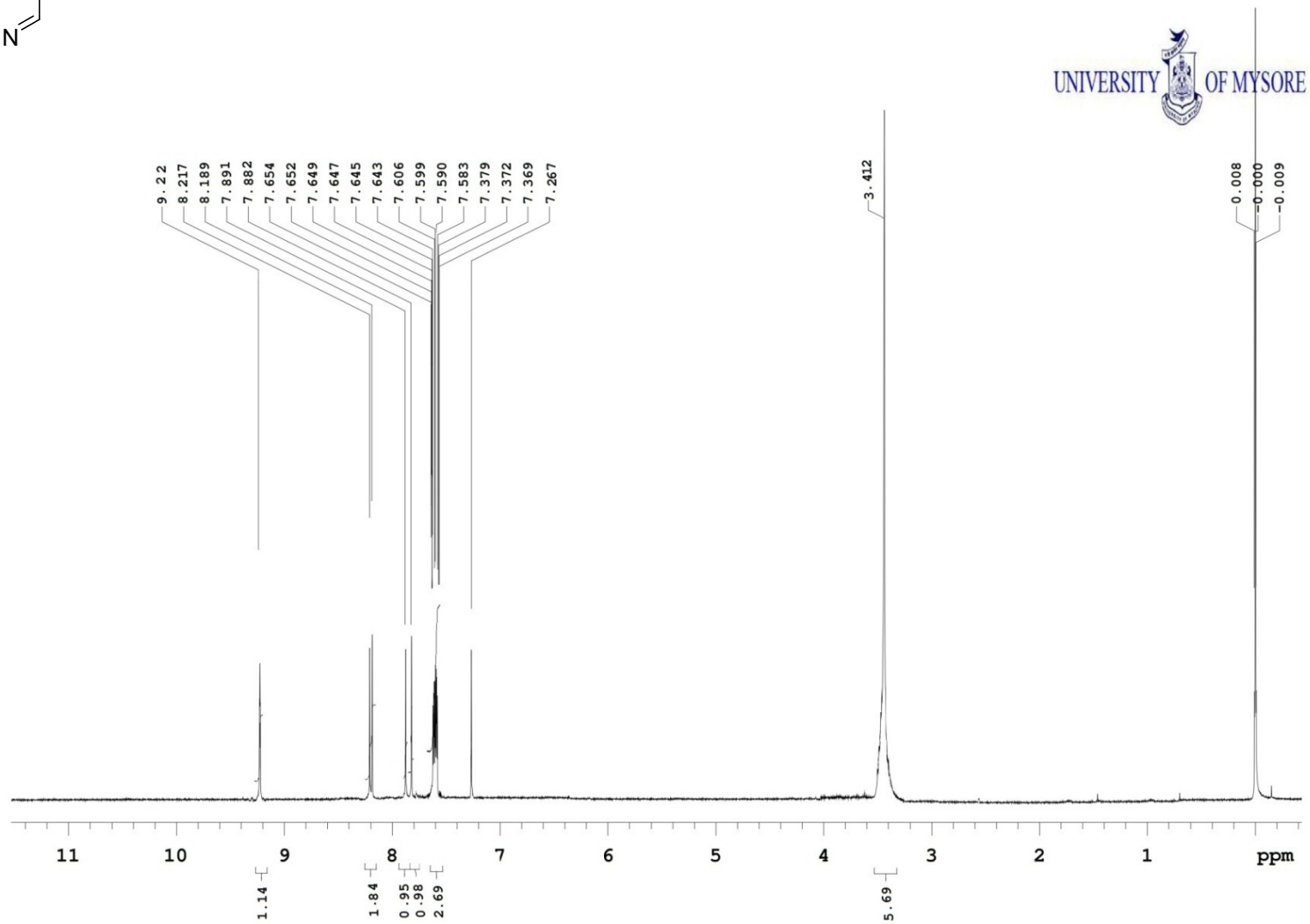

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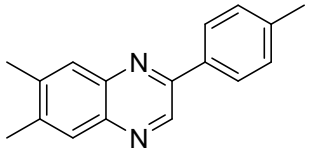

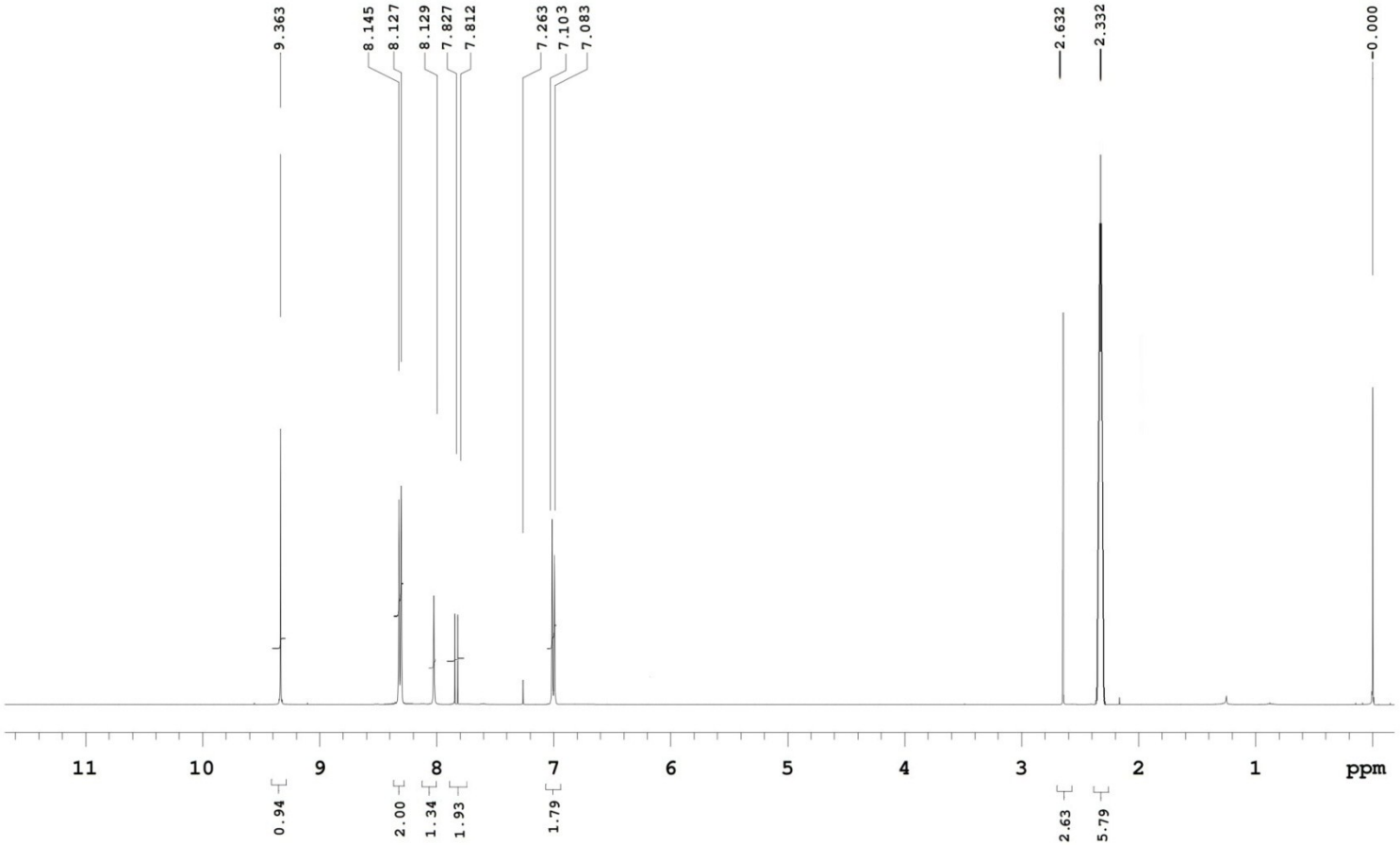

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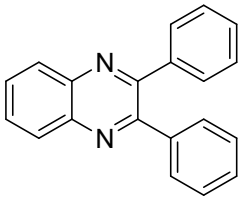

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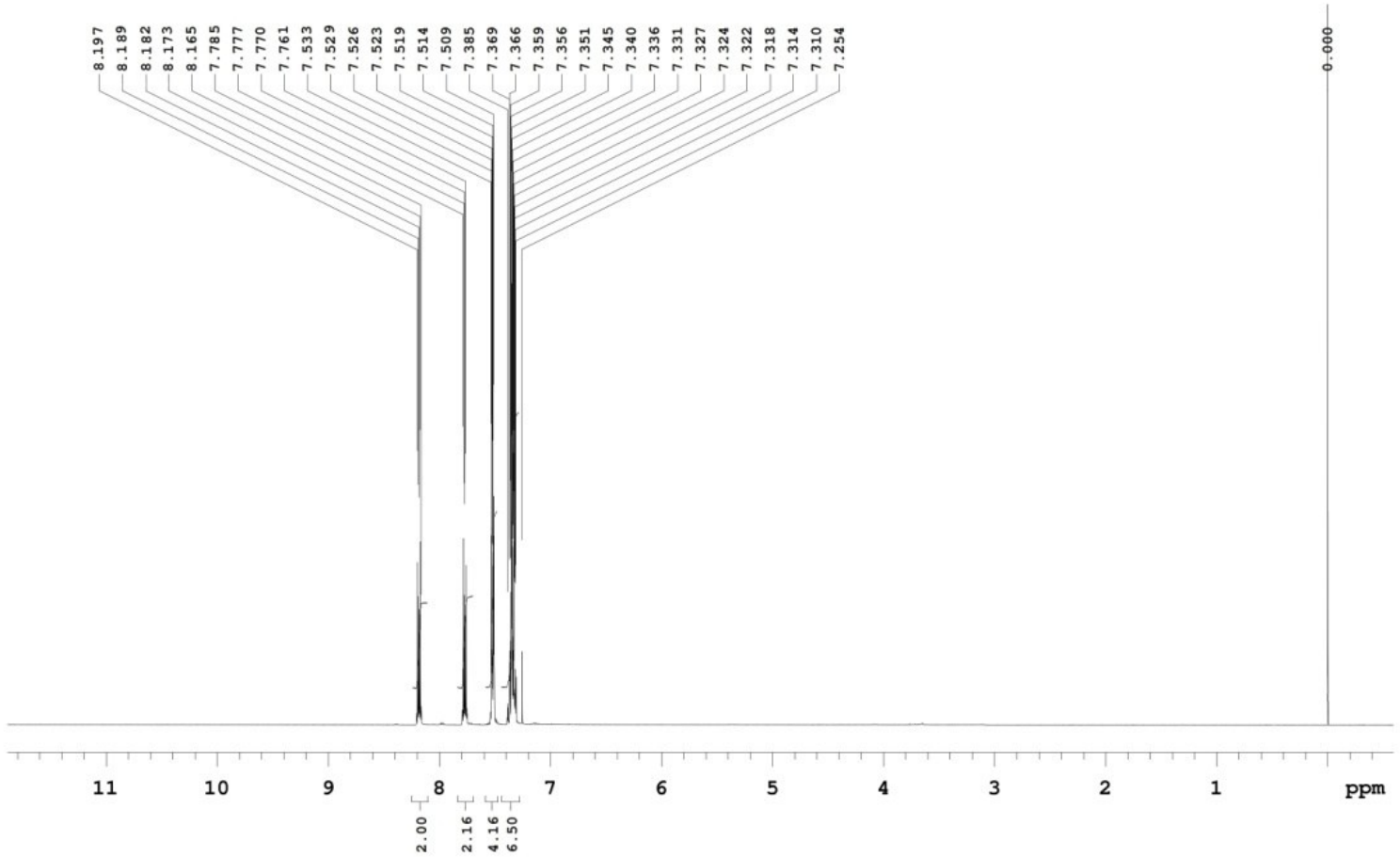

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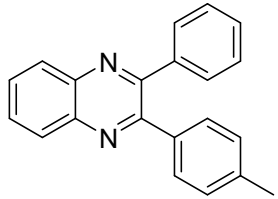

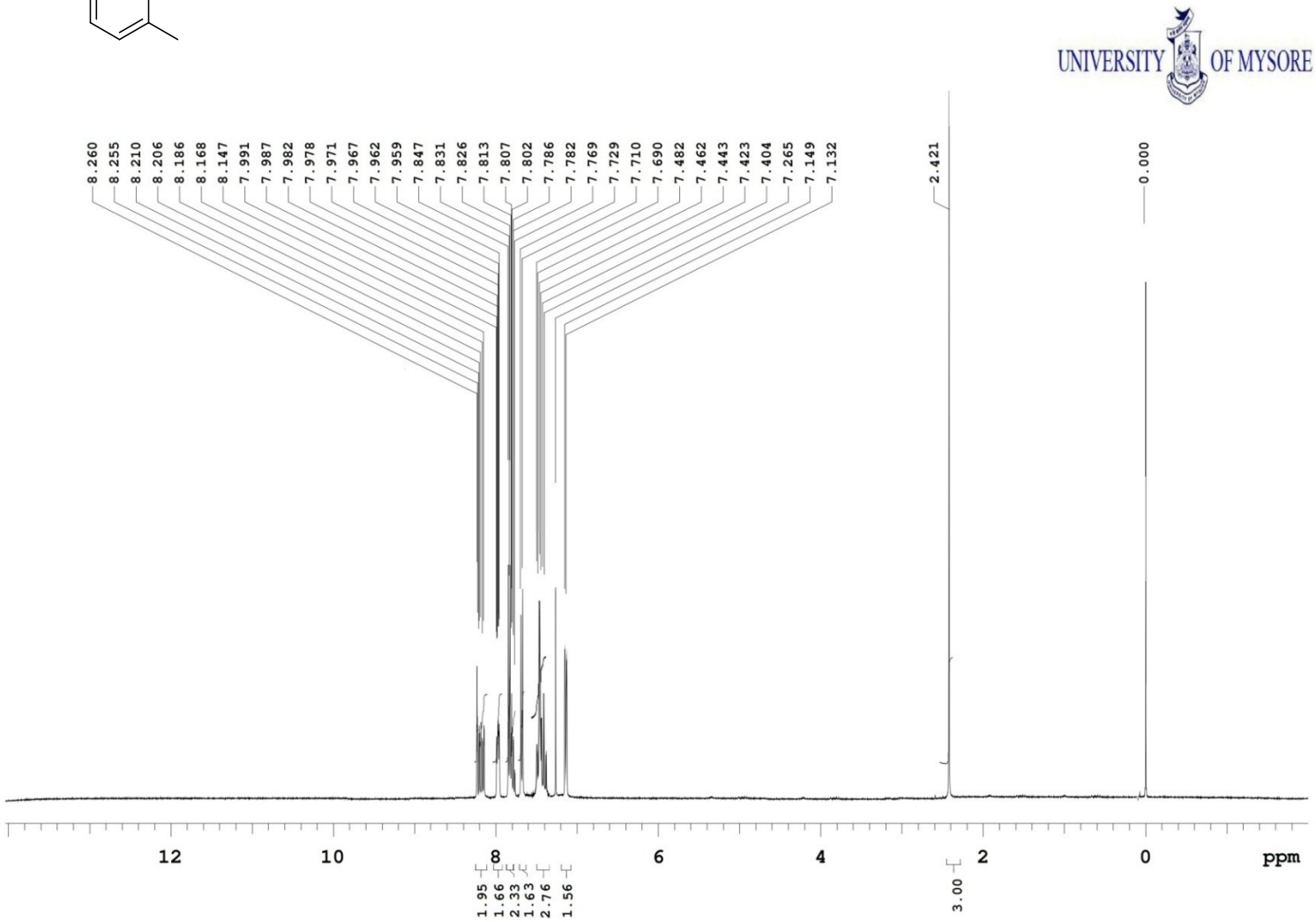

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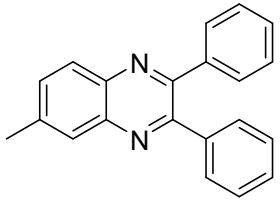

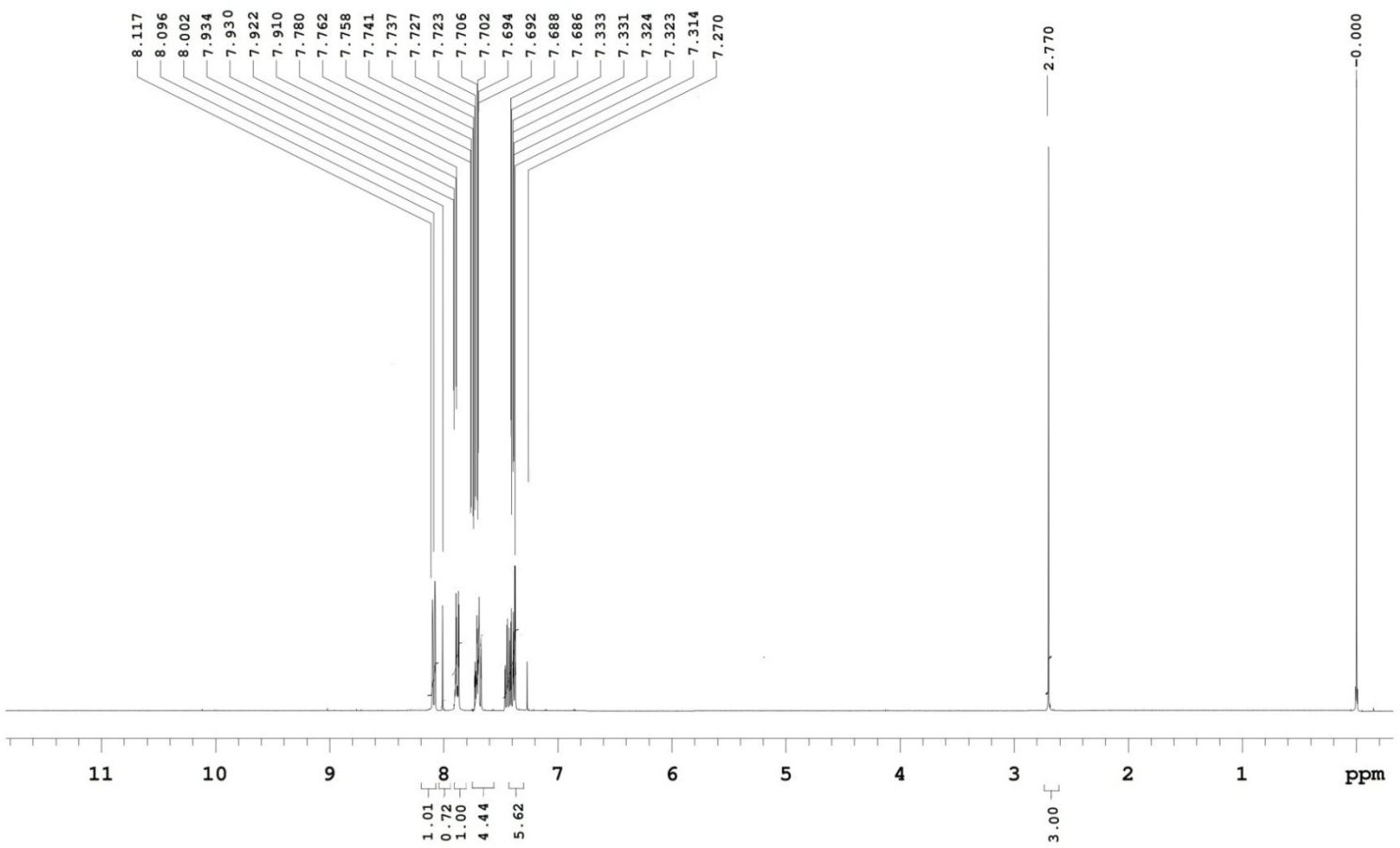

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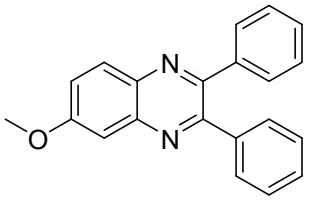

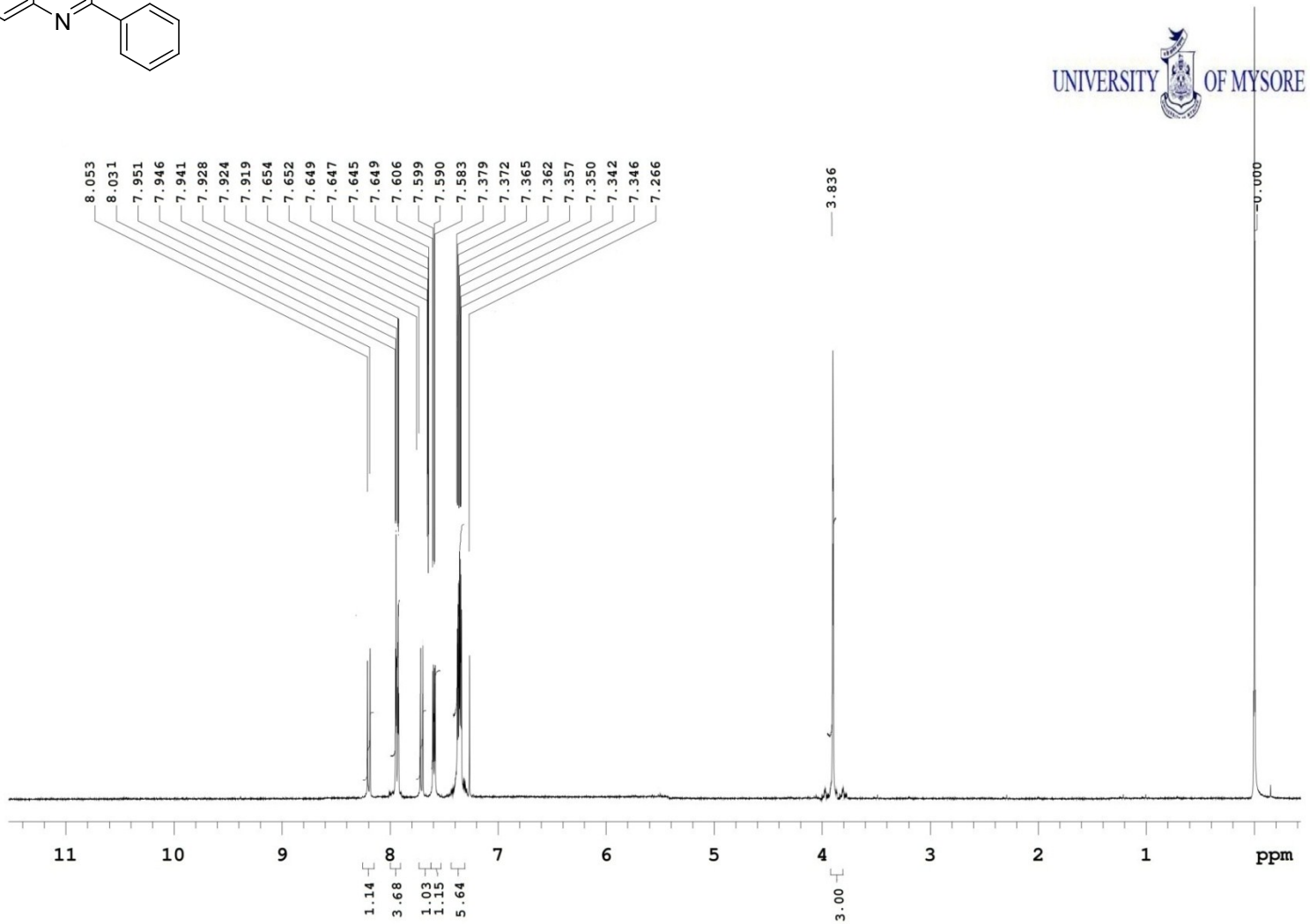

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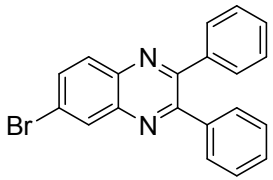

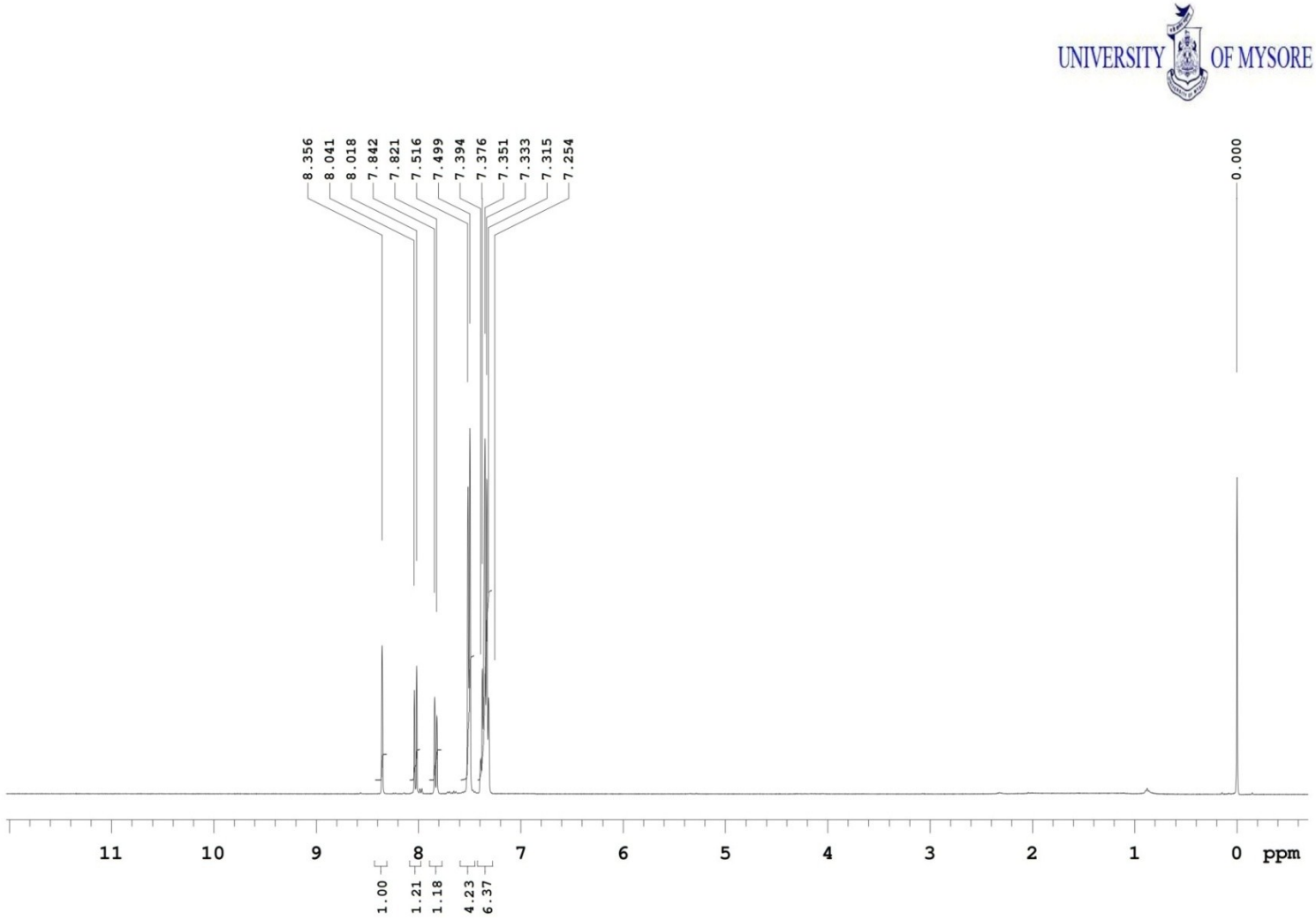

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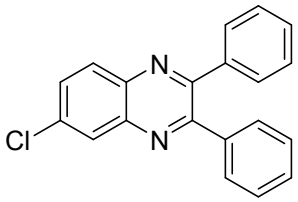

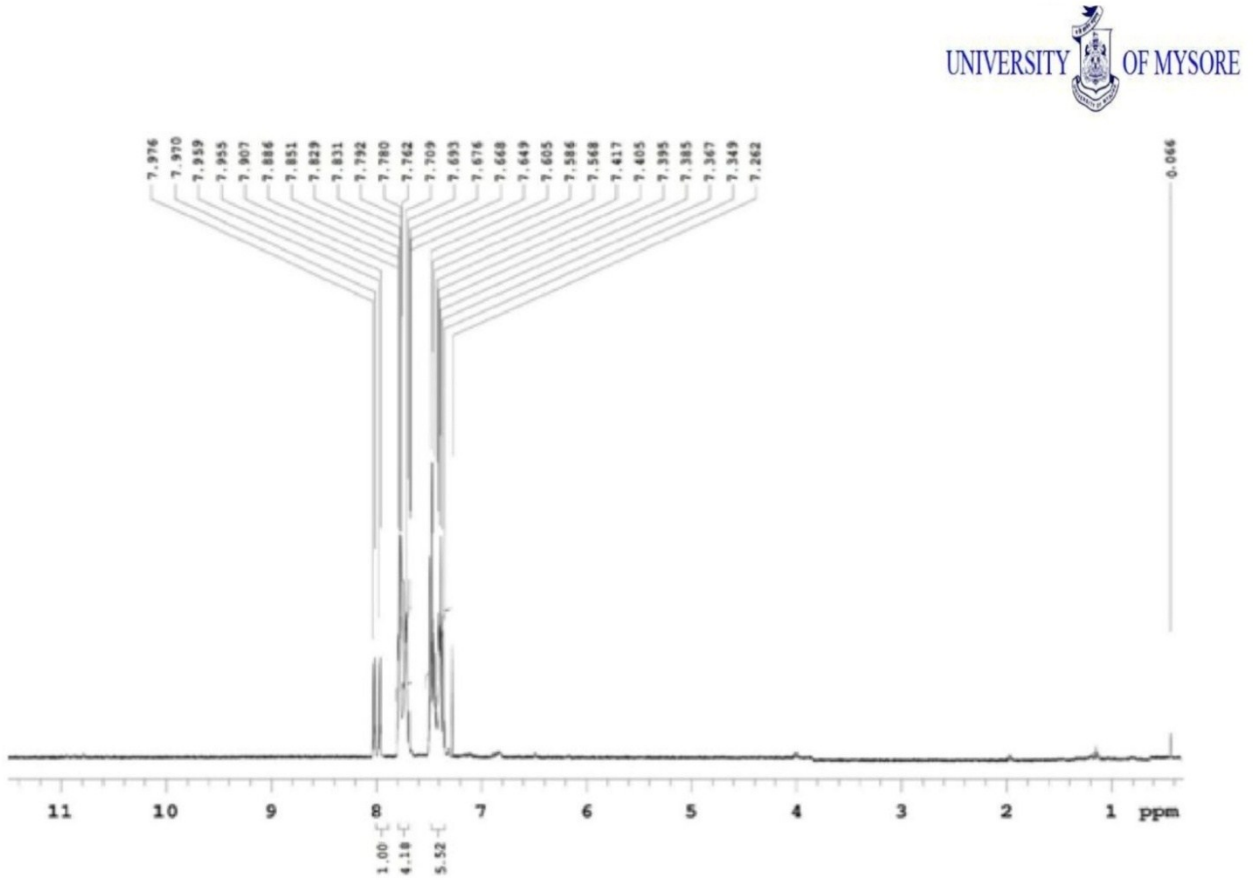

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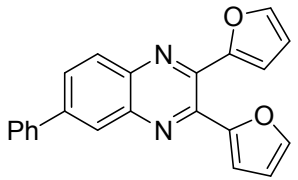

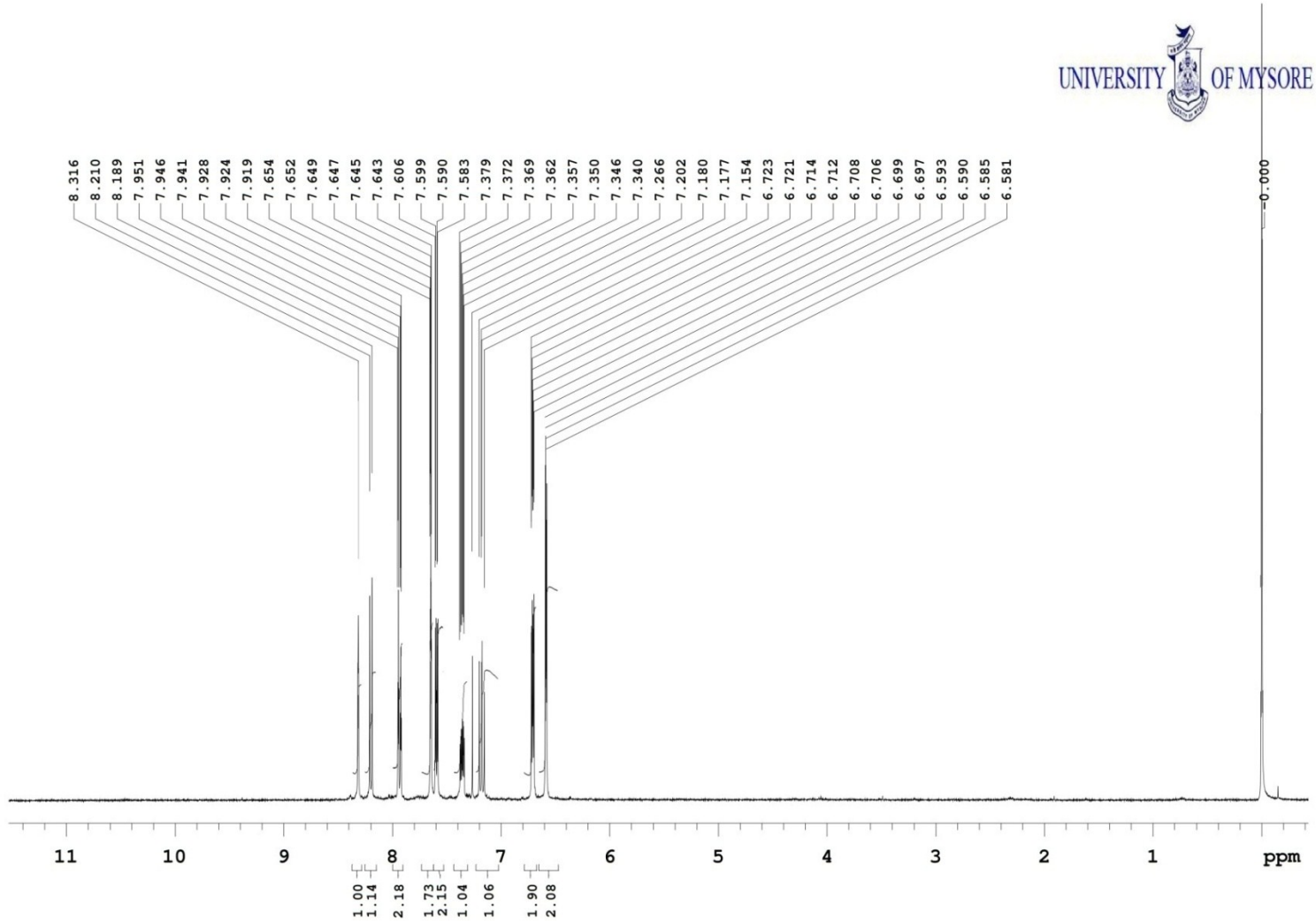

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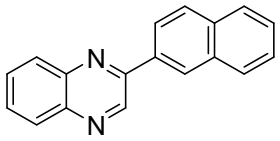

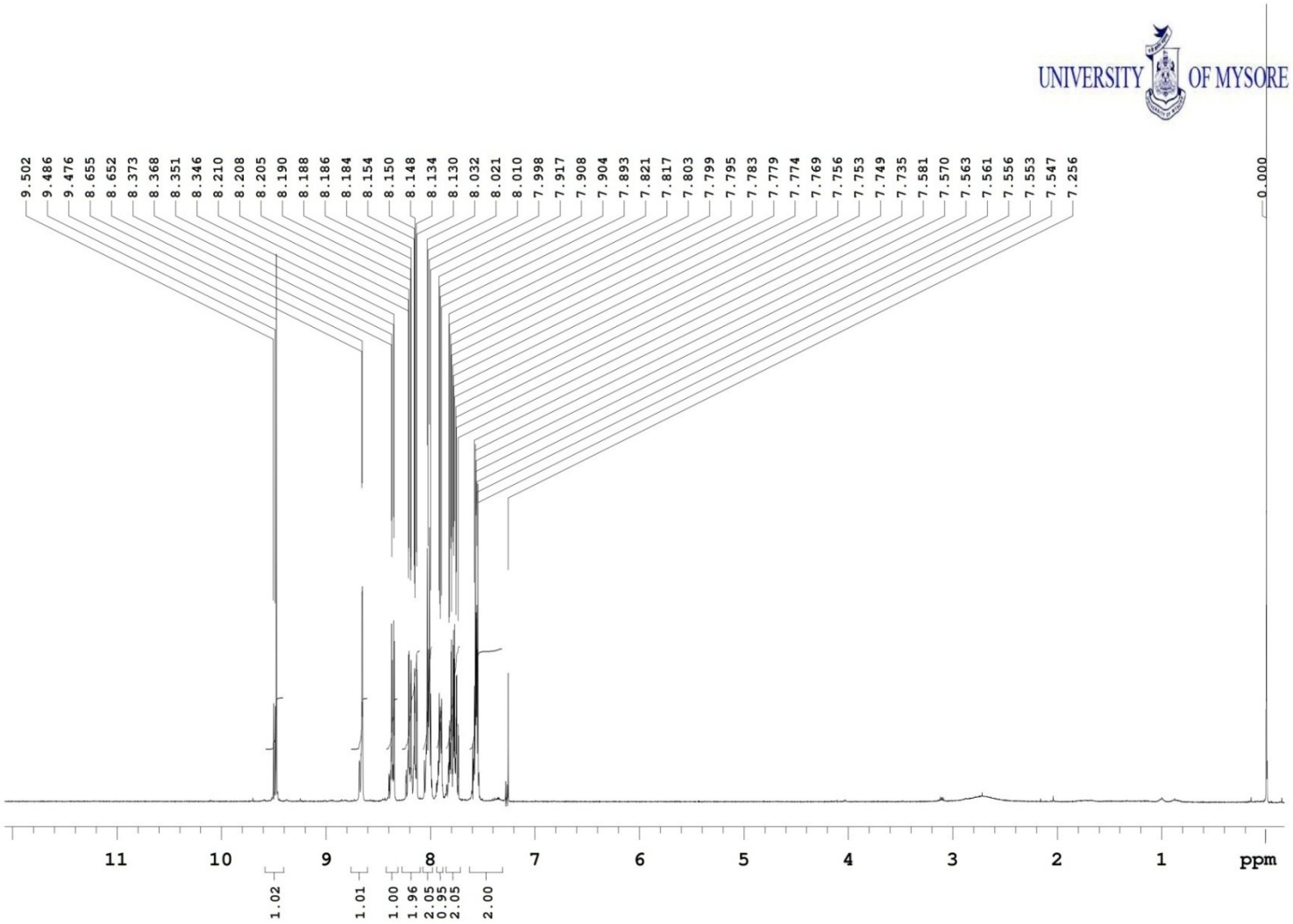

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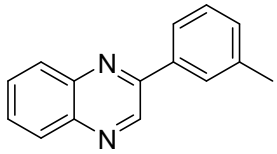

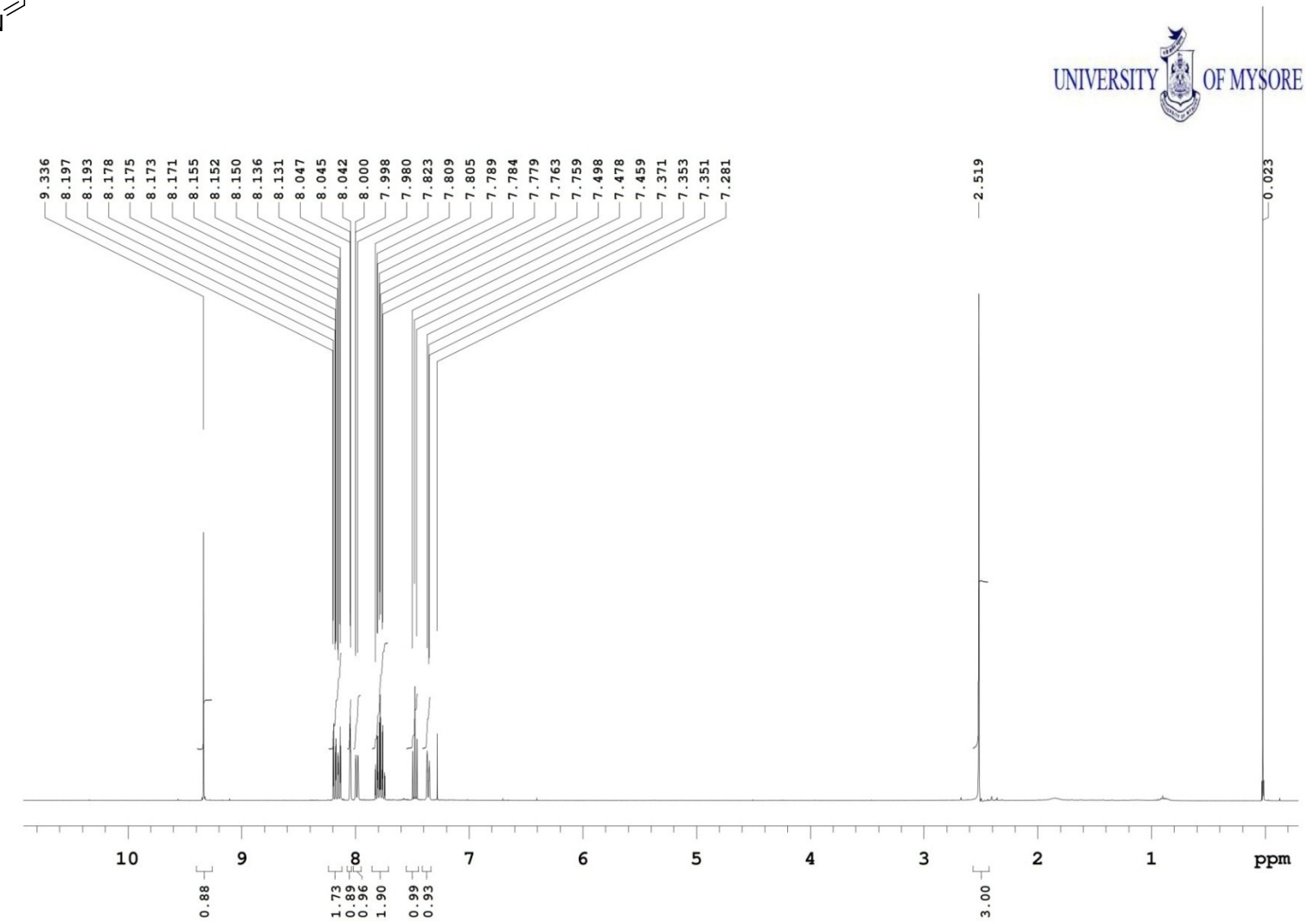

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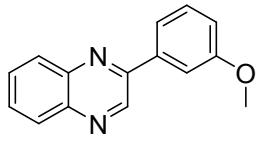

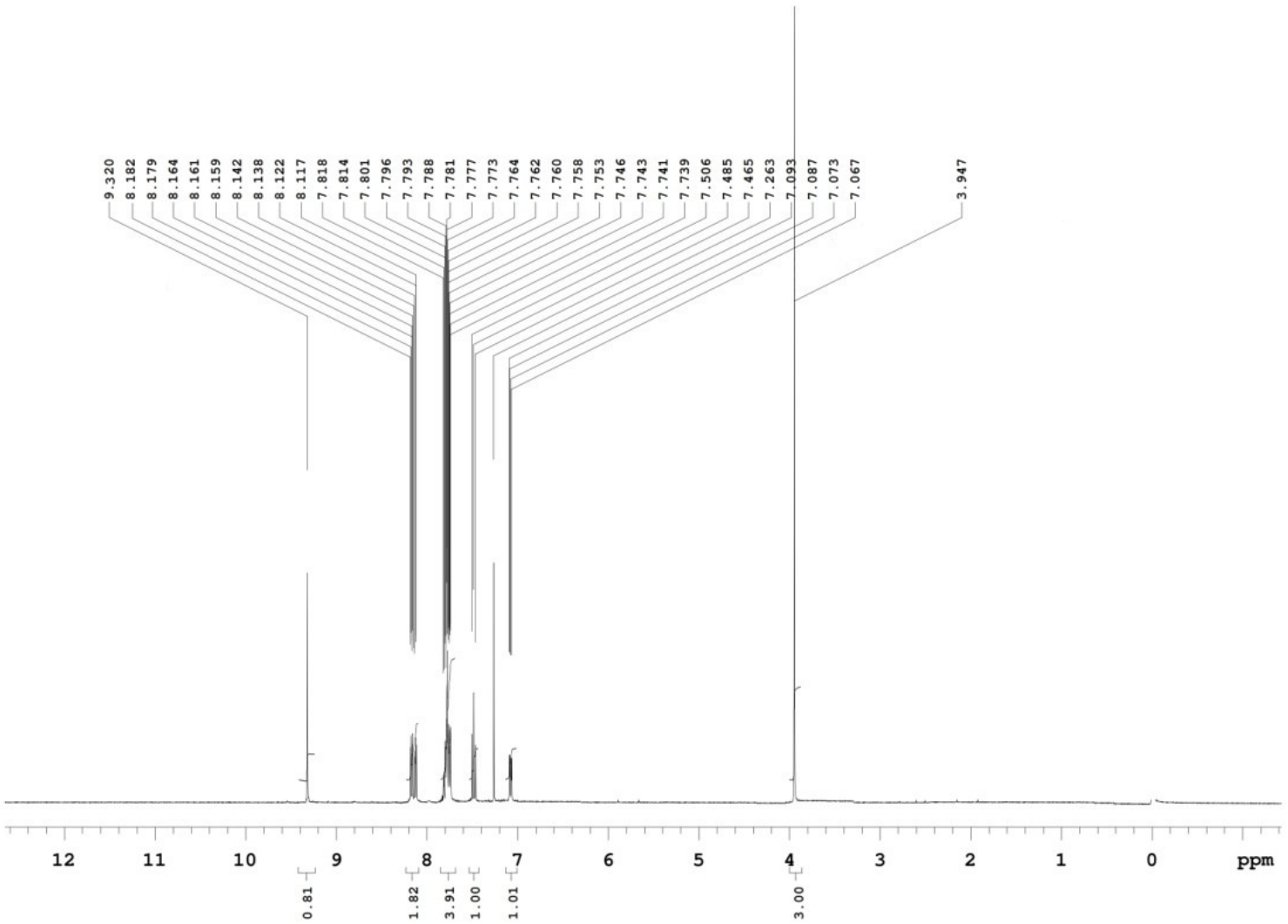

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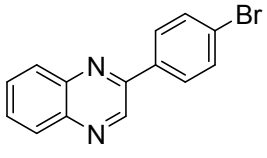

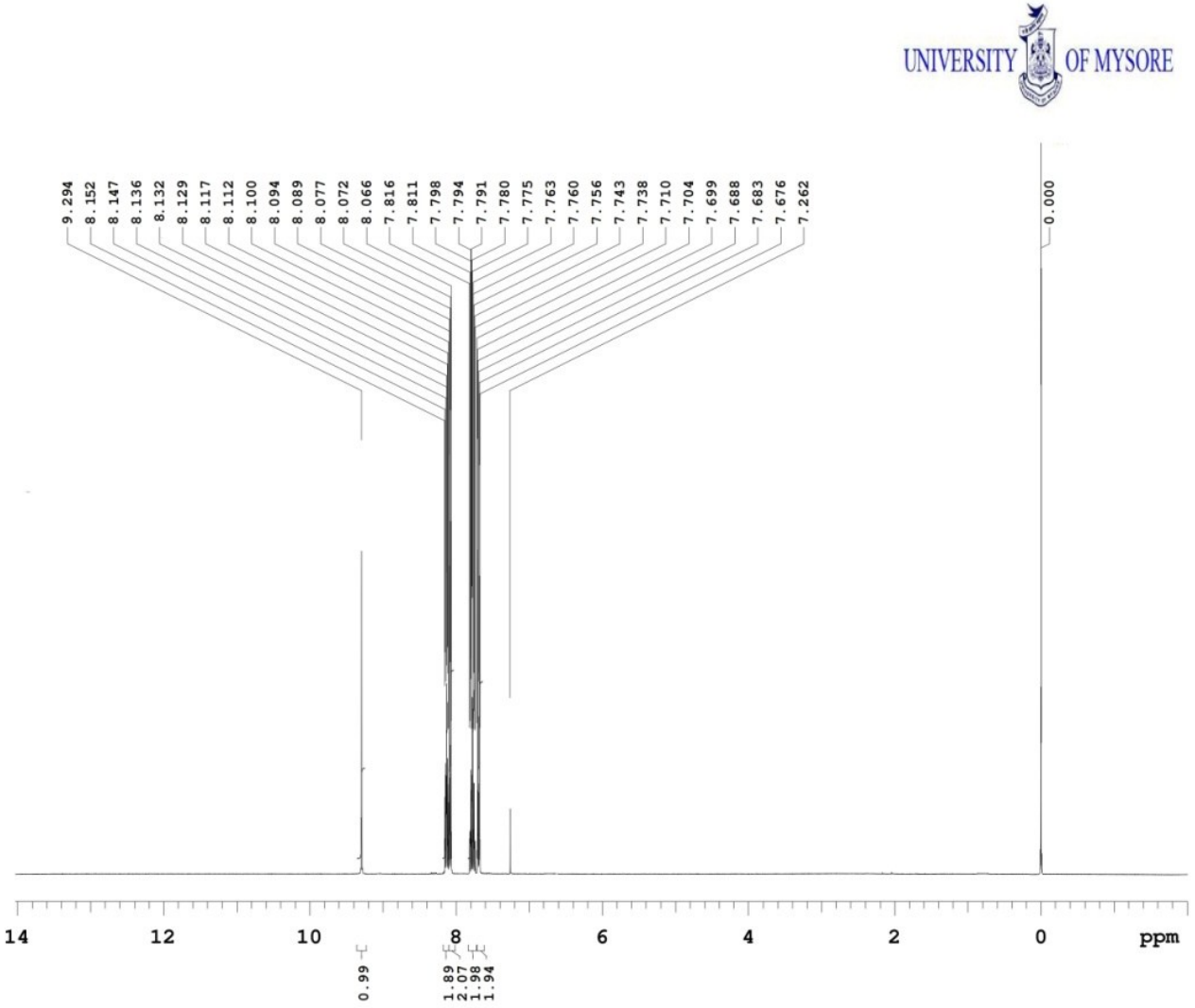

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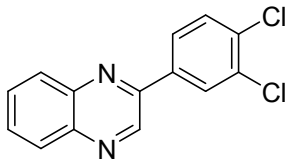

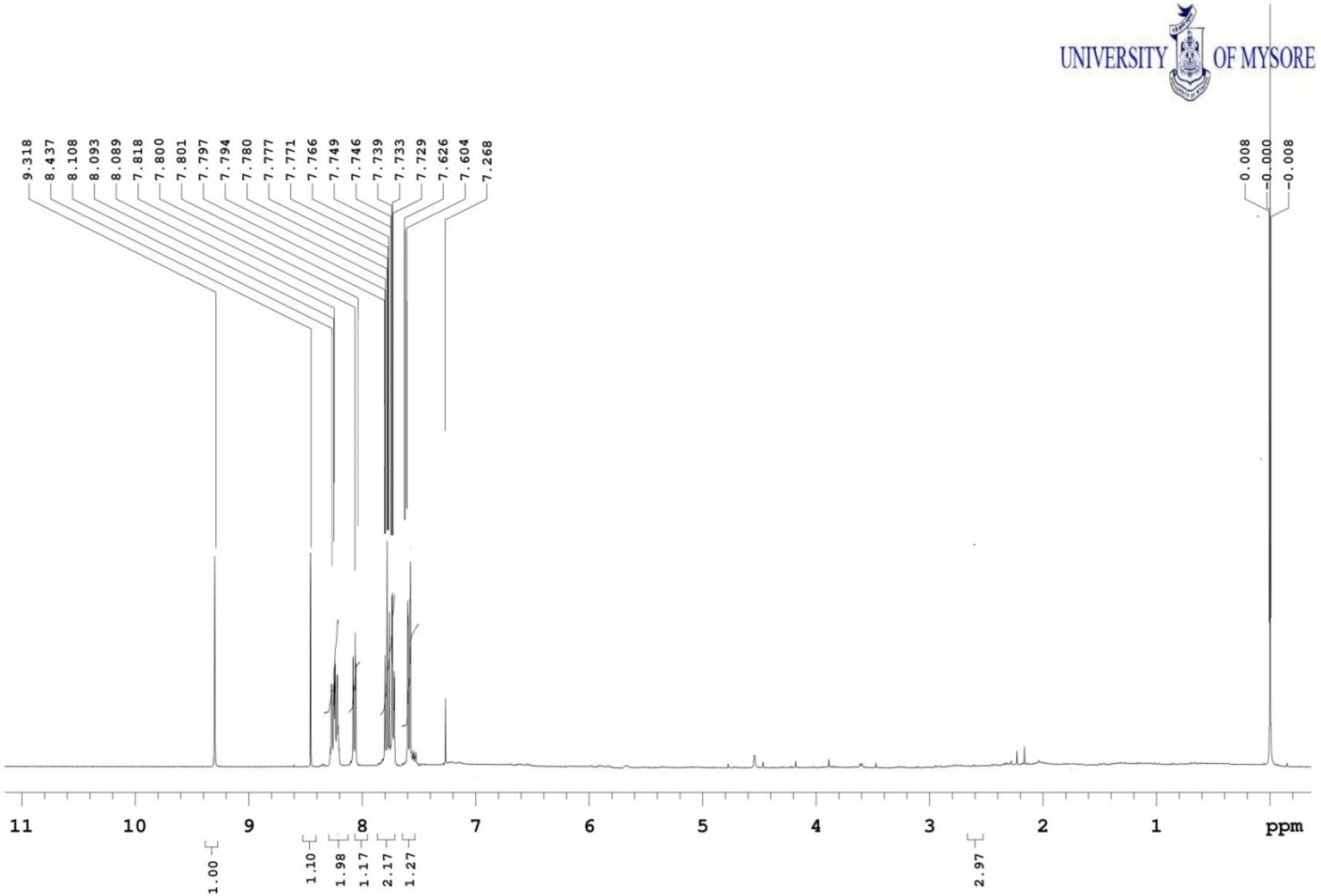

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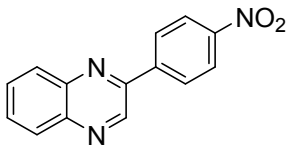

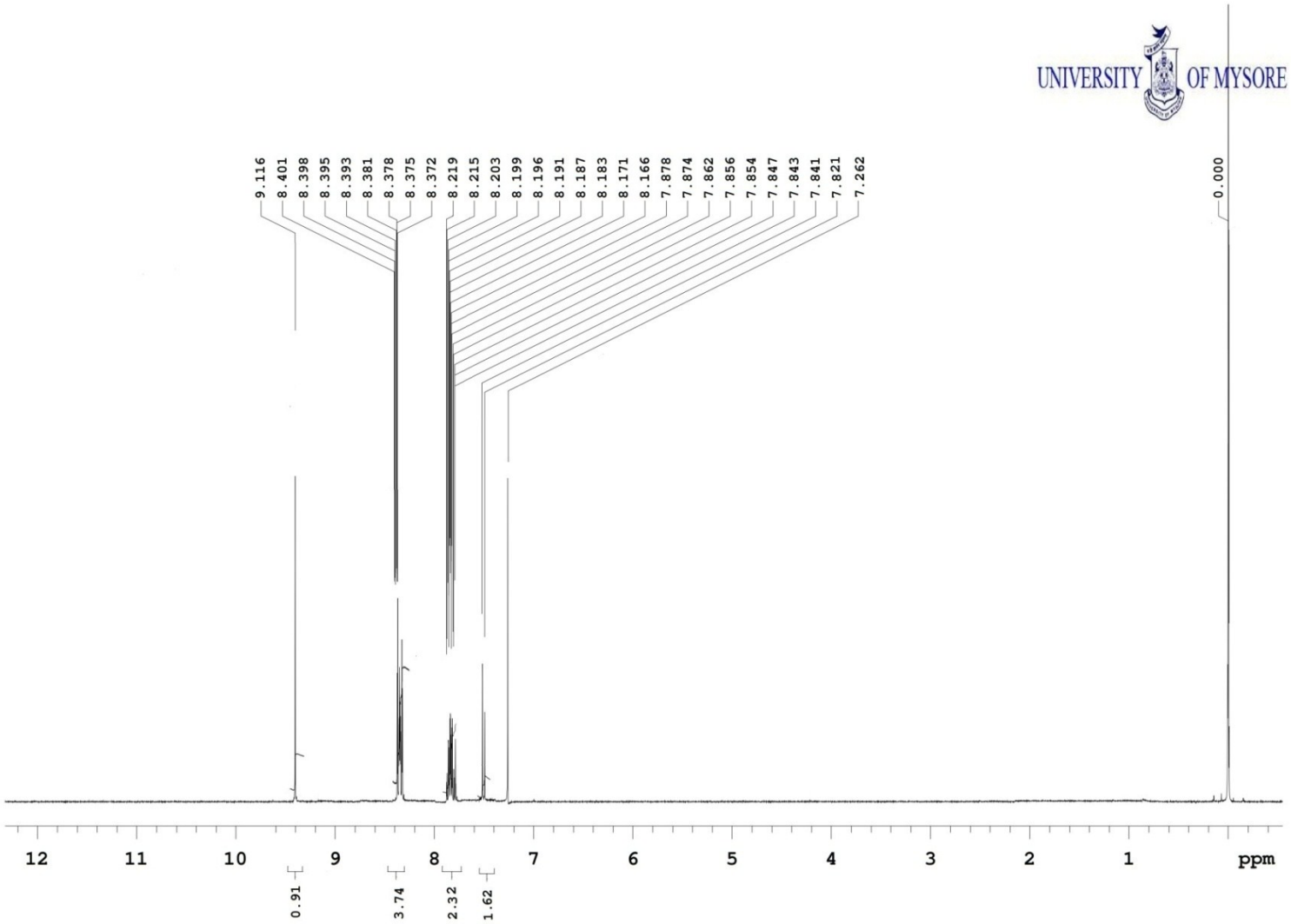

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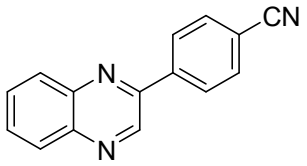

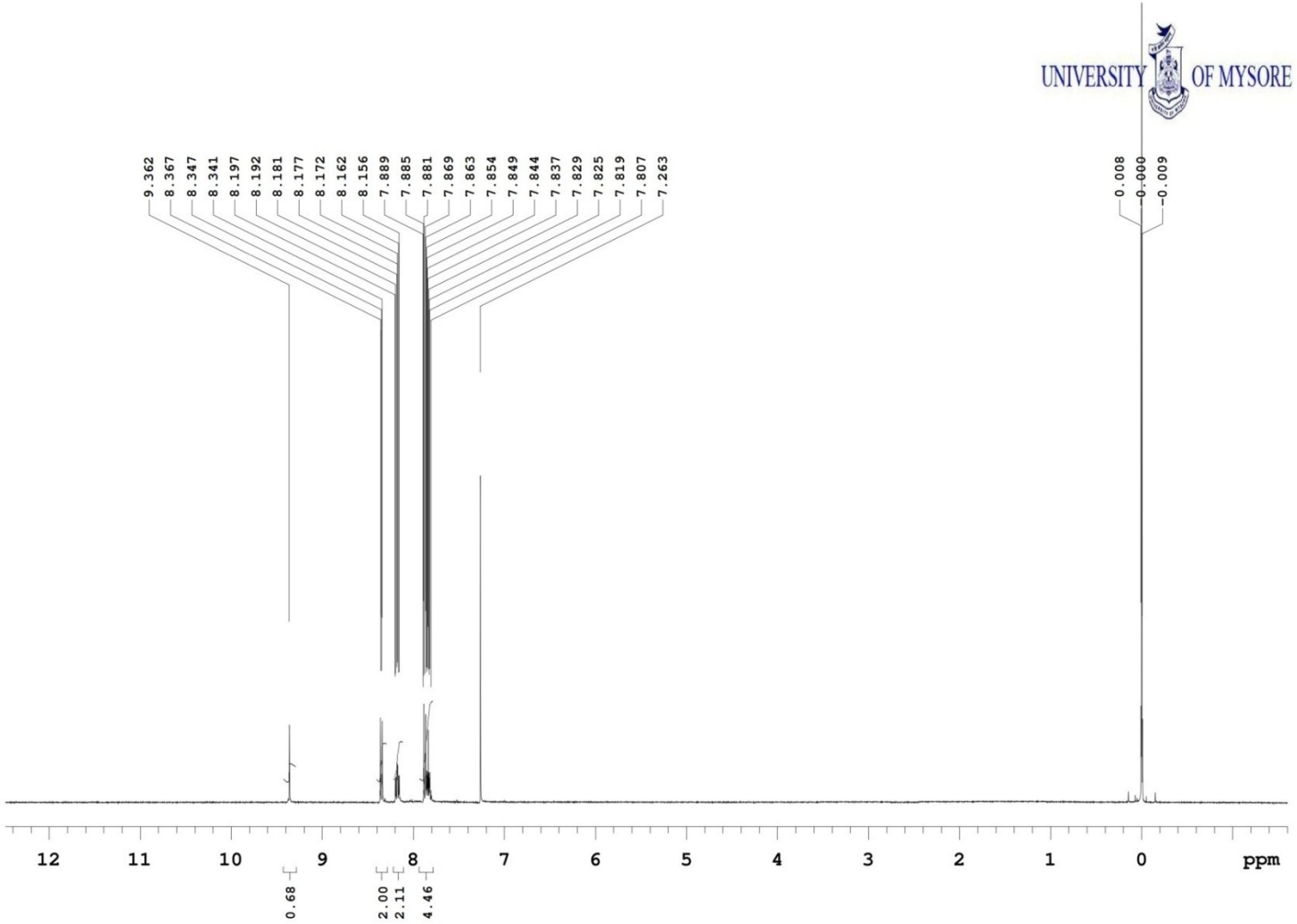

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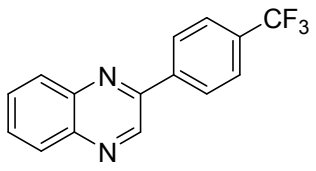

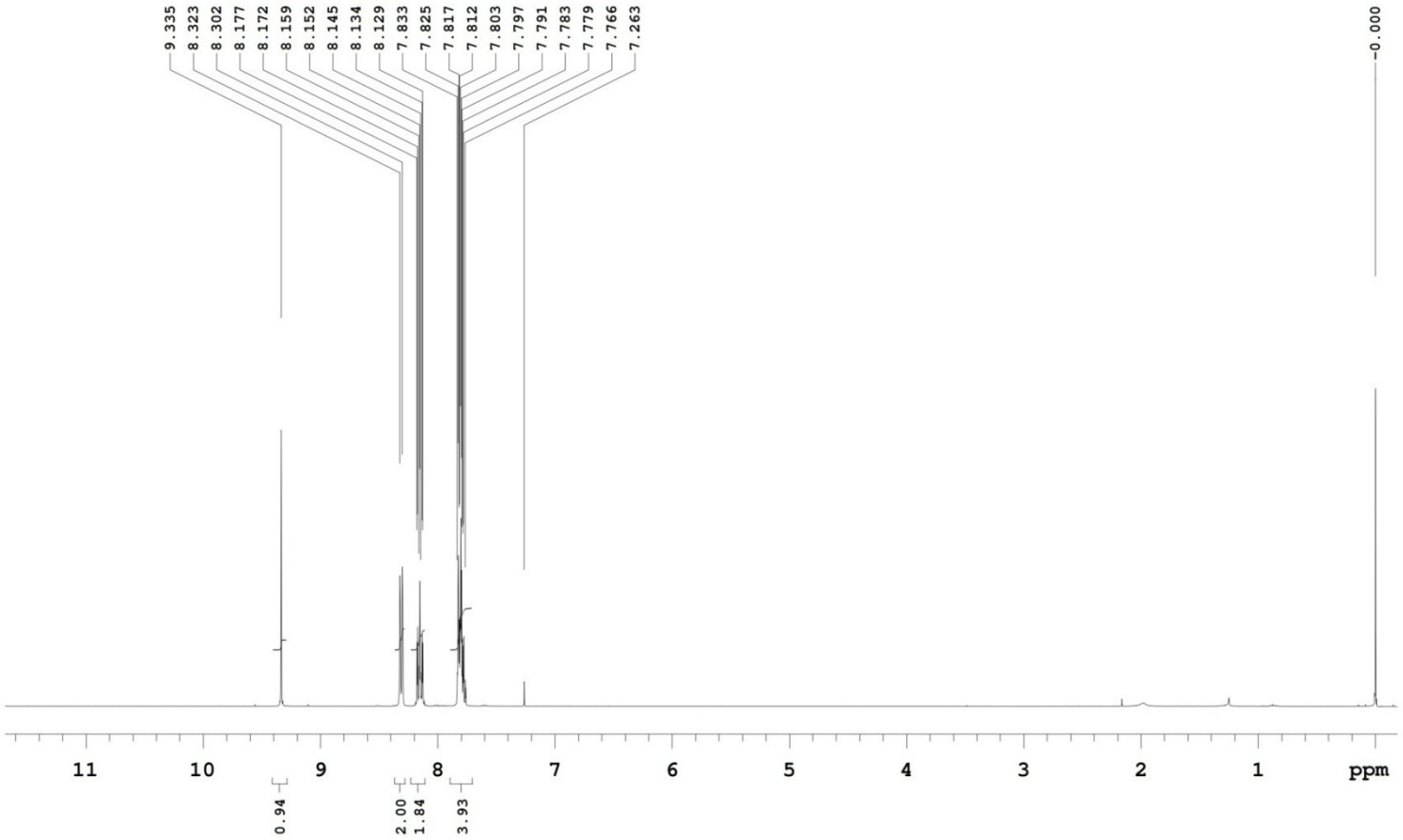

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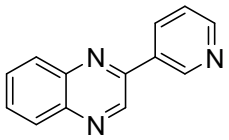

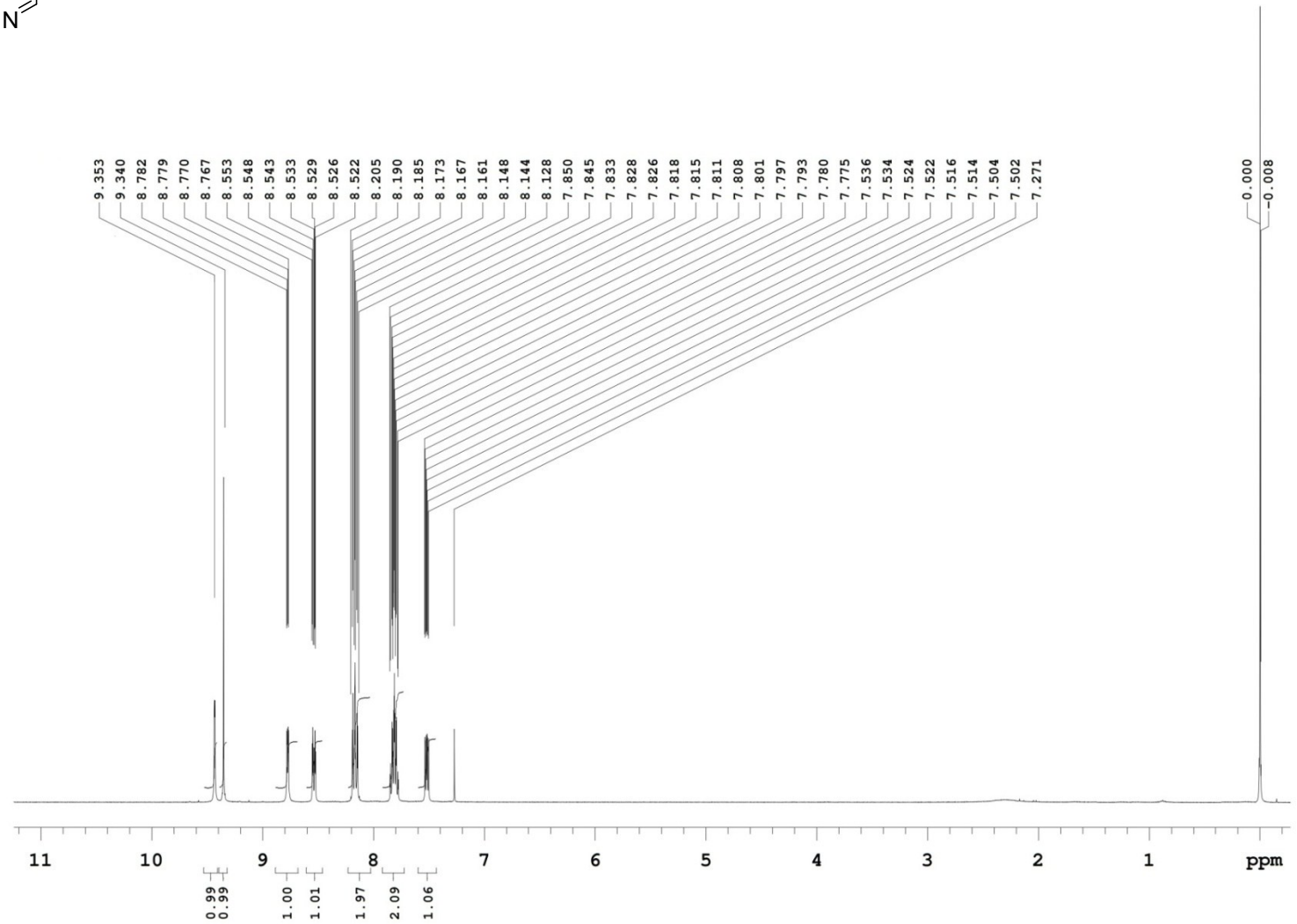

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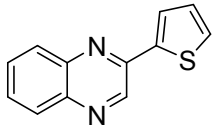
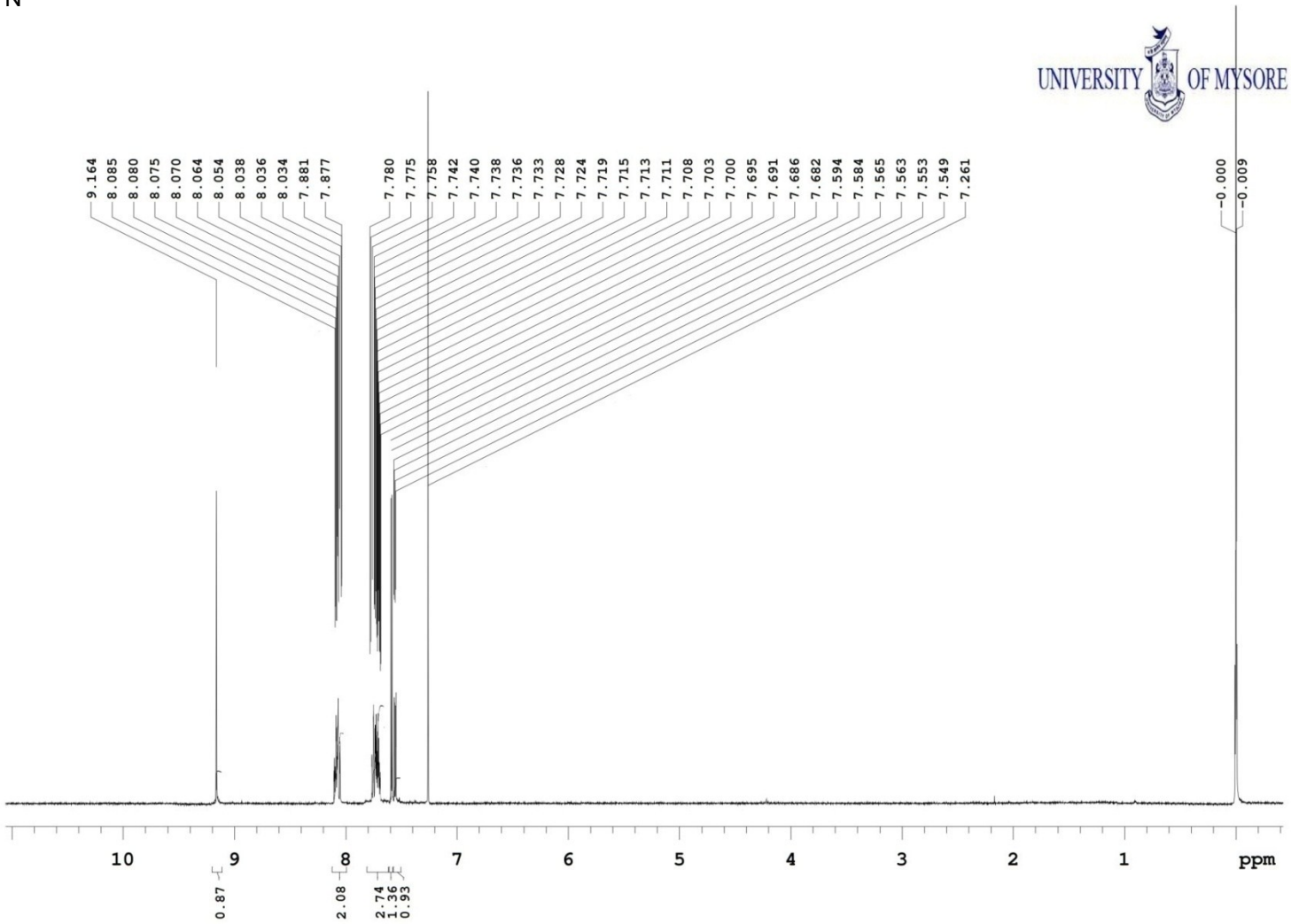
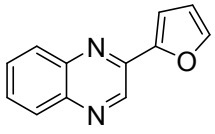




^{1}H NMR of **4l** in $CDCl_3$



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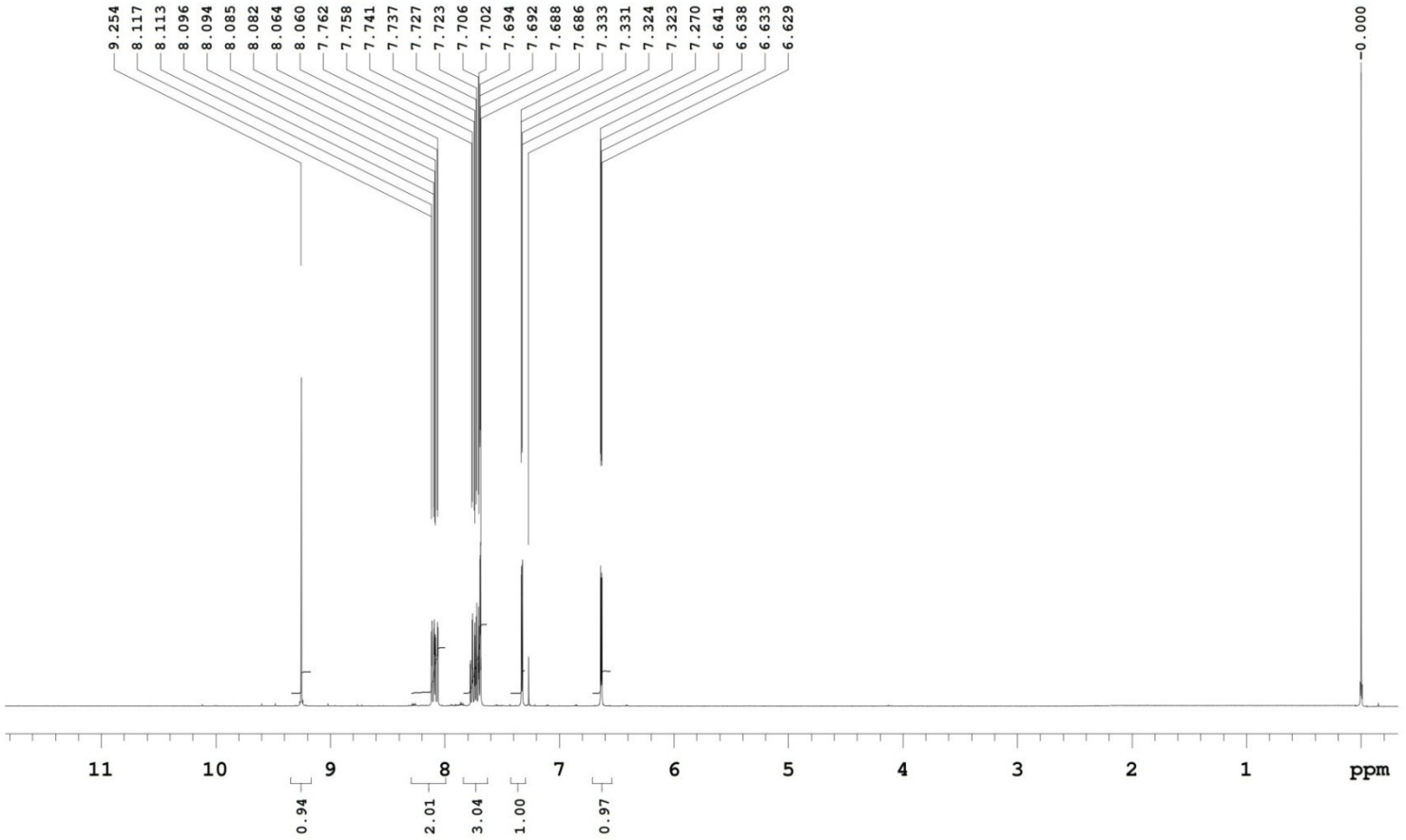

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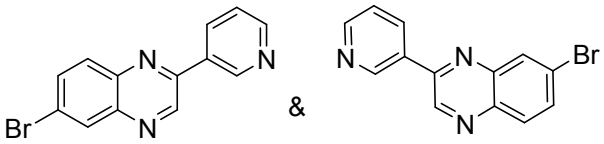

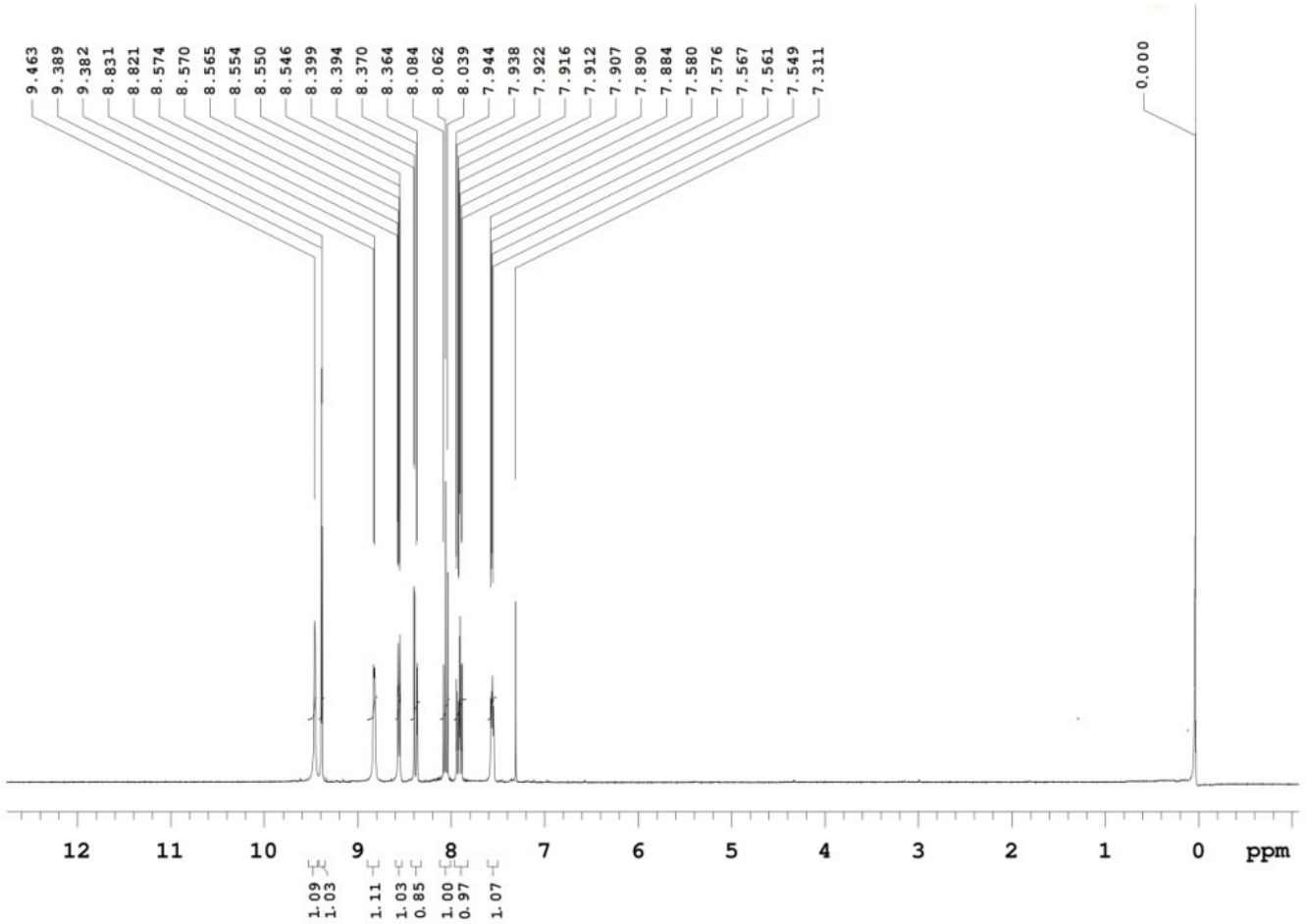

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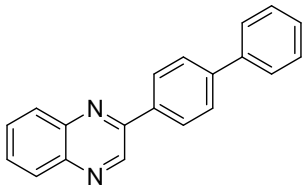

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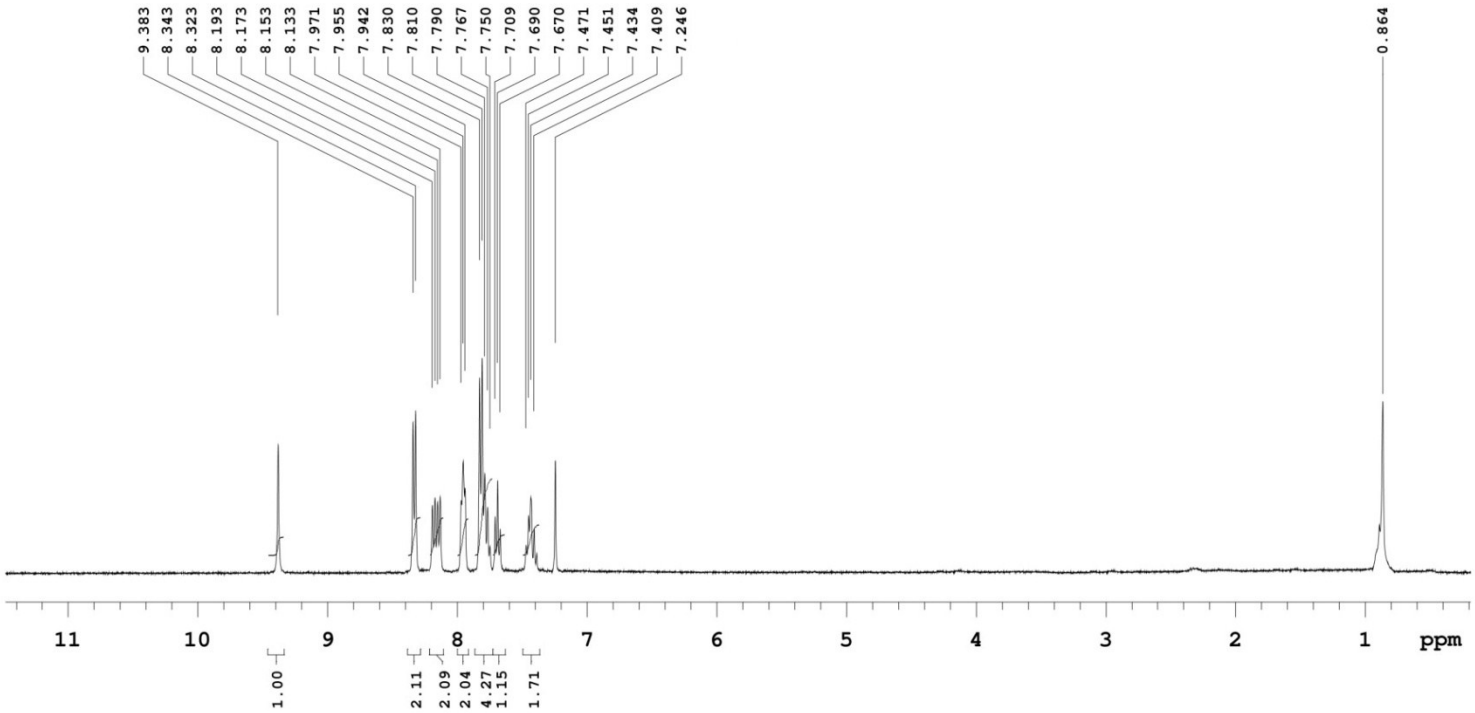

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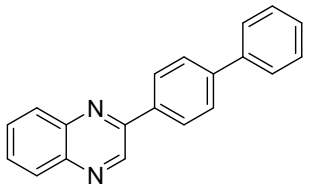

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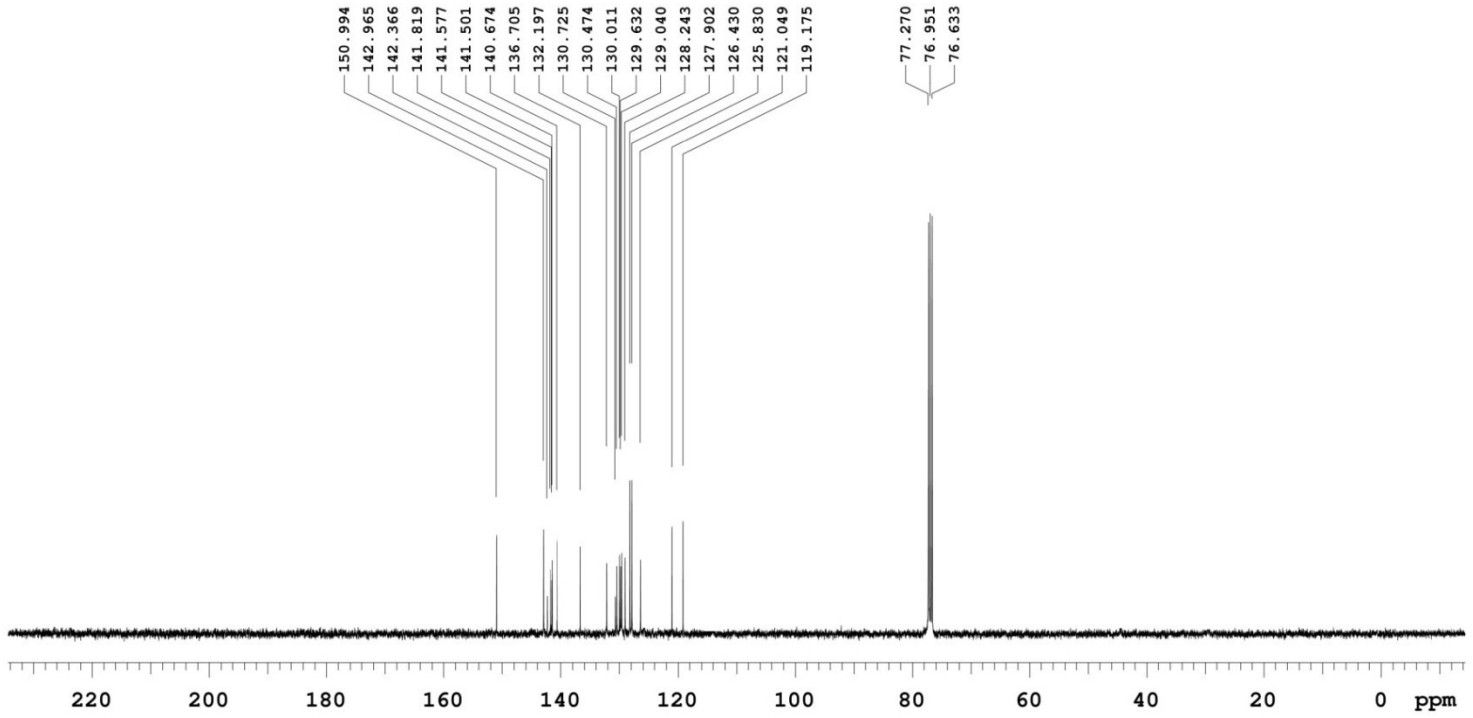

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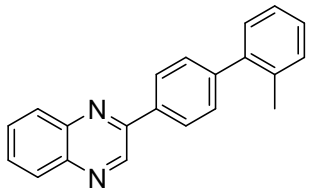

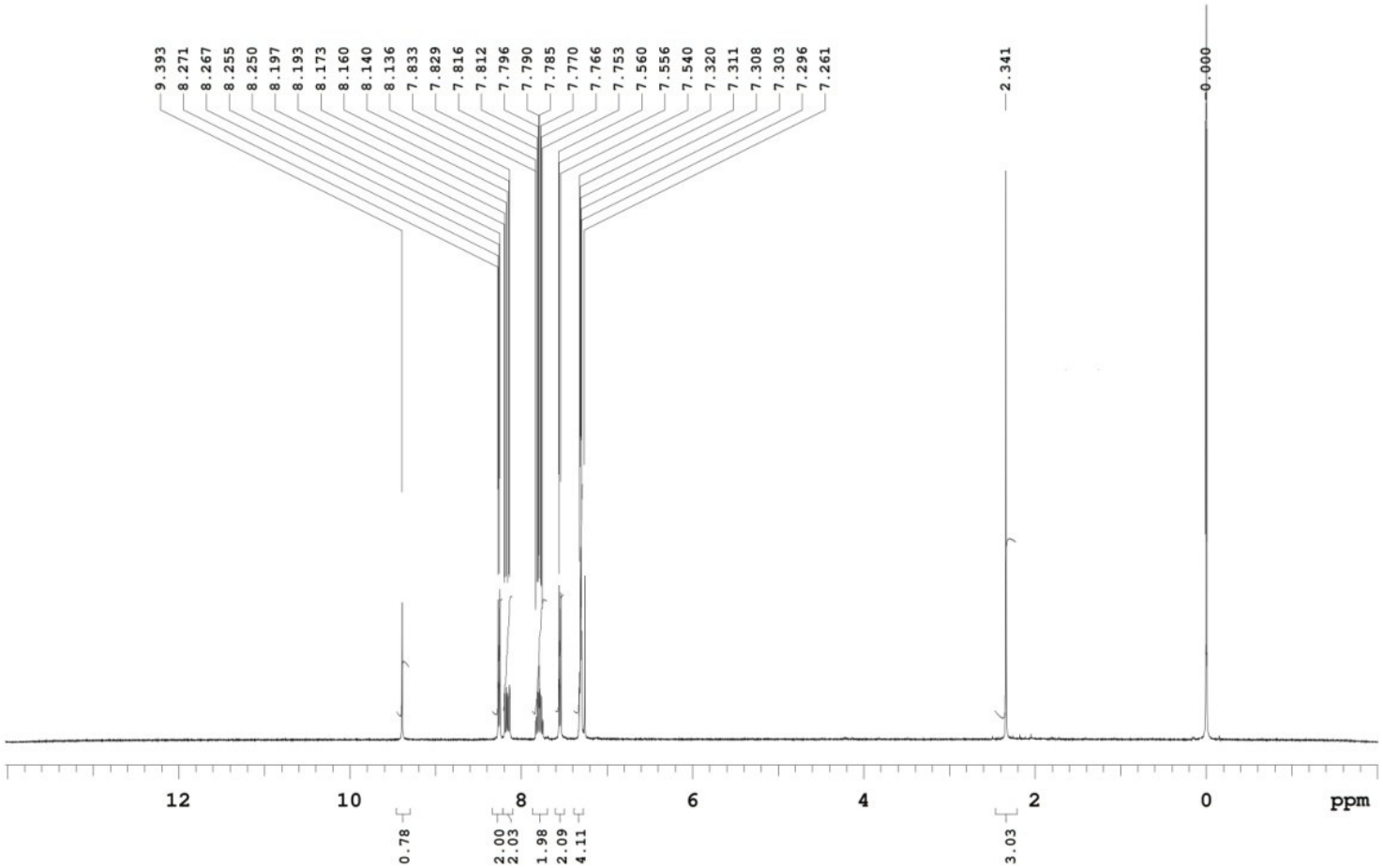

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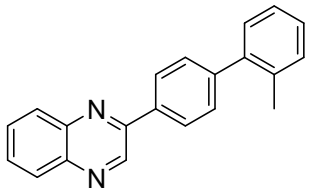

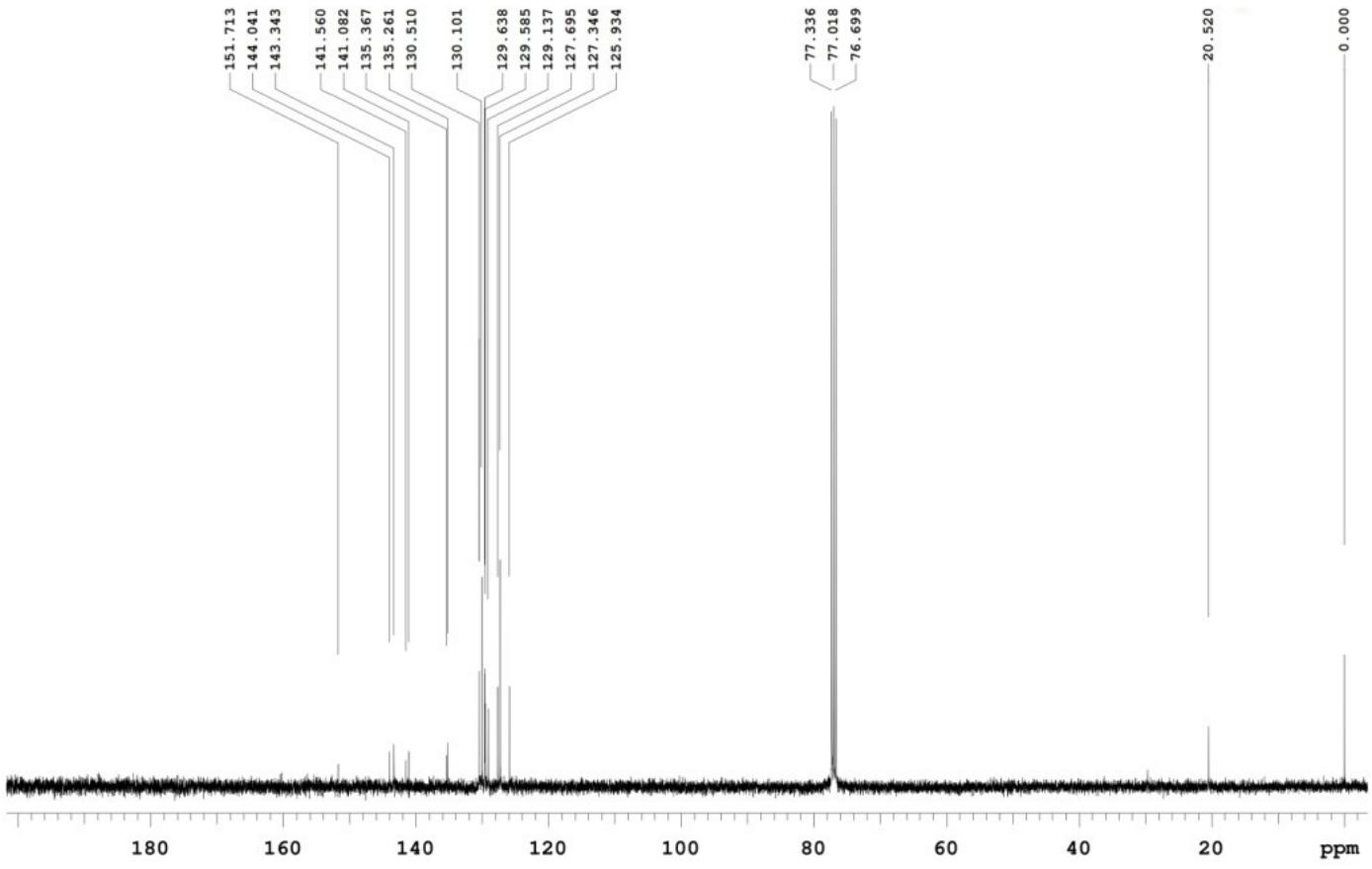

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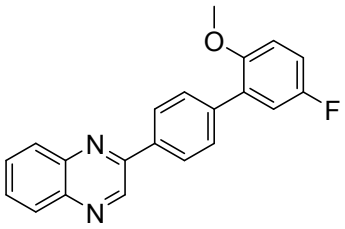
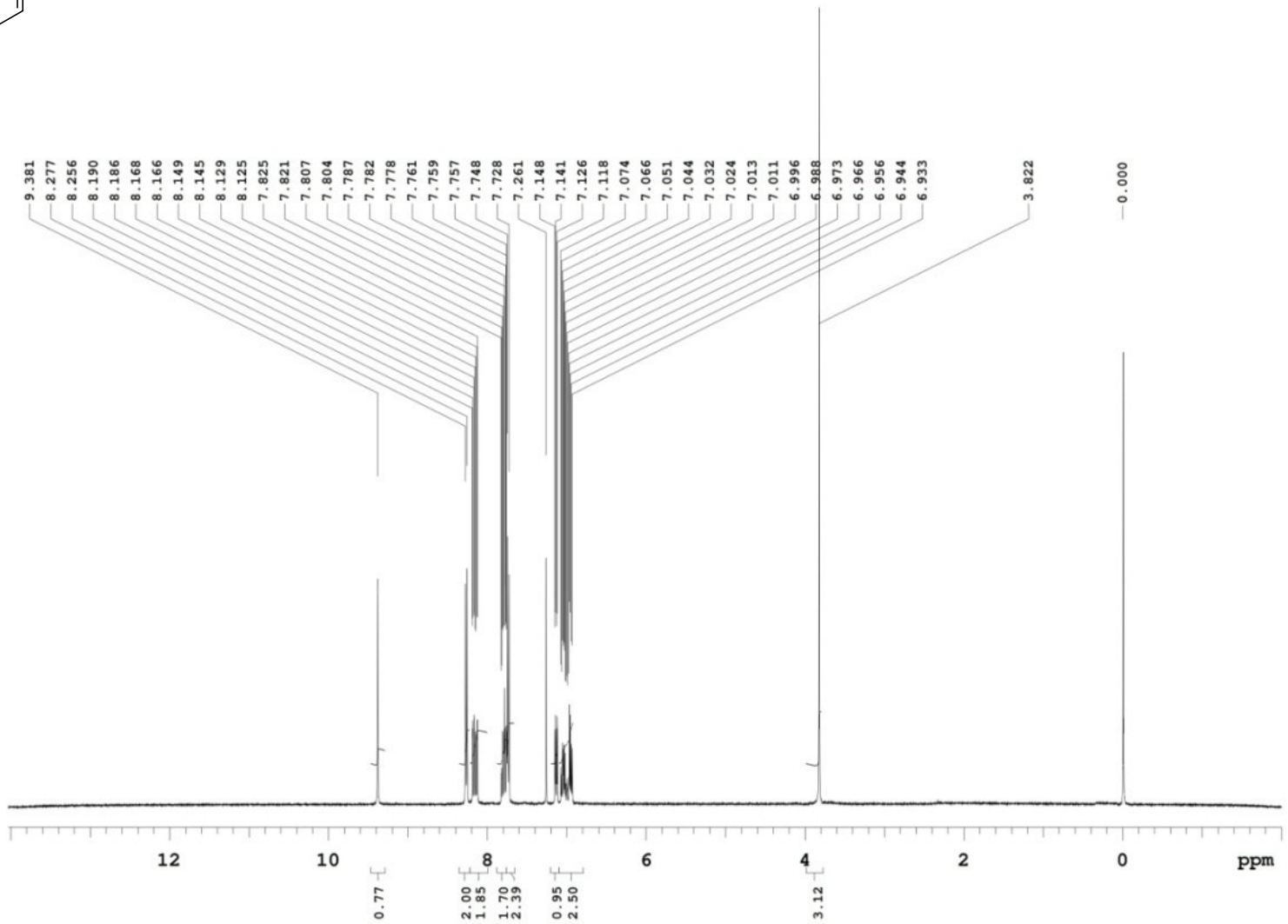
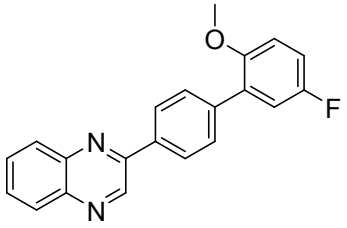
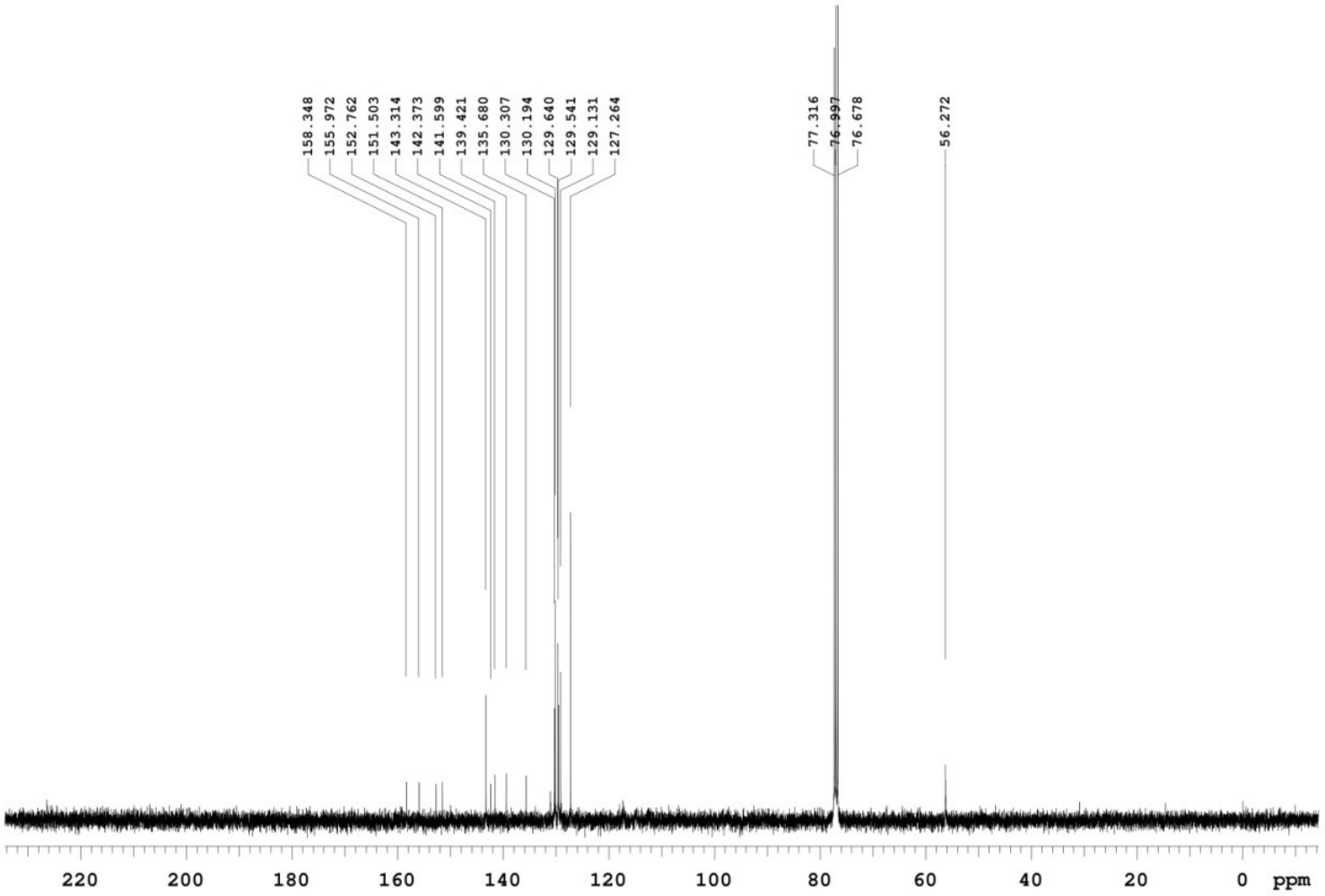


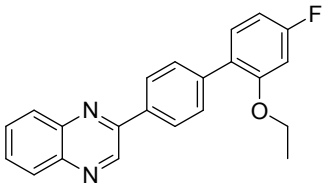


^{13}C NMR of **4q** in $CDCl_3$





^{1}H NMR of **4r** in $CDCl_3$



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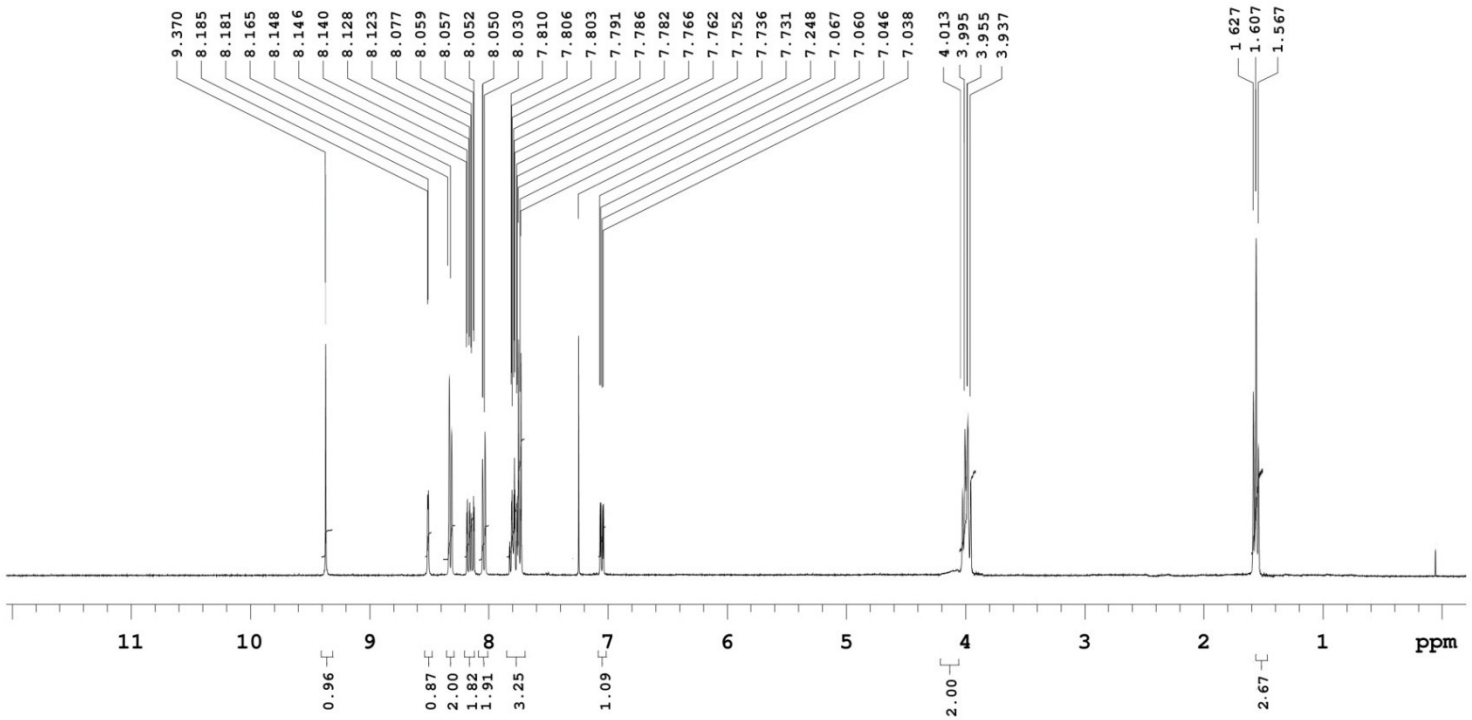
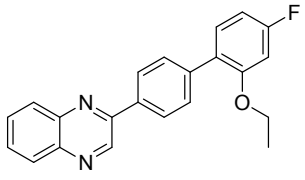


^{13}C NMR of **4r** in $CDCl_3$



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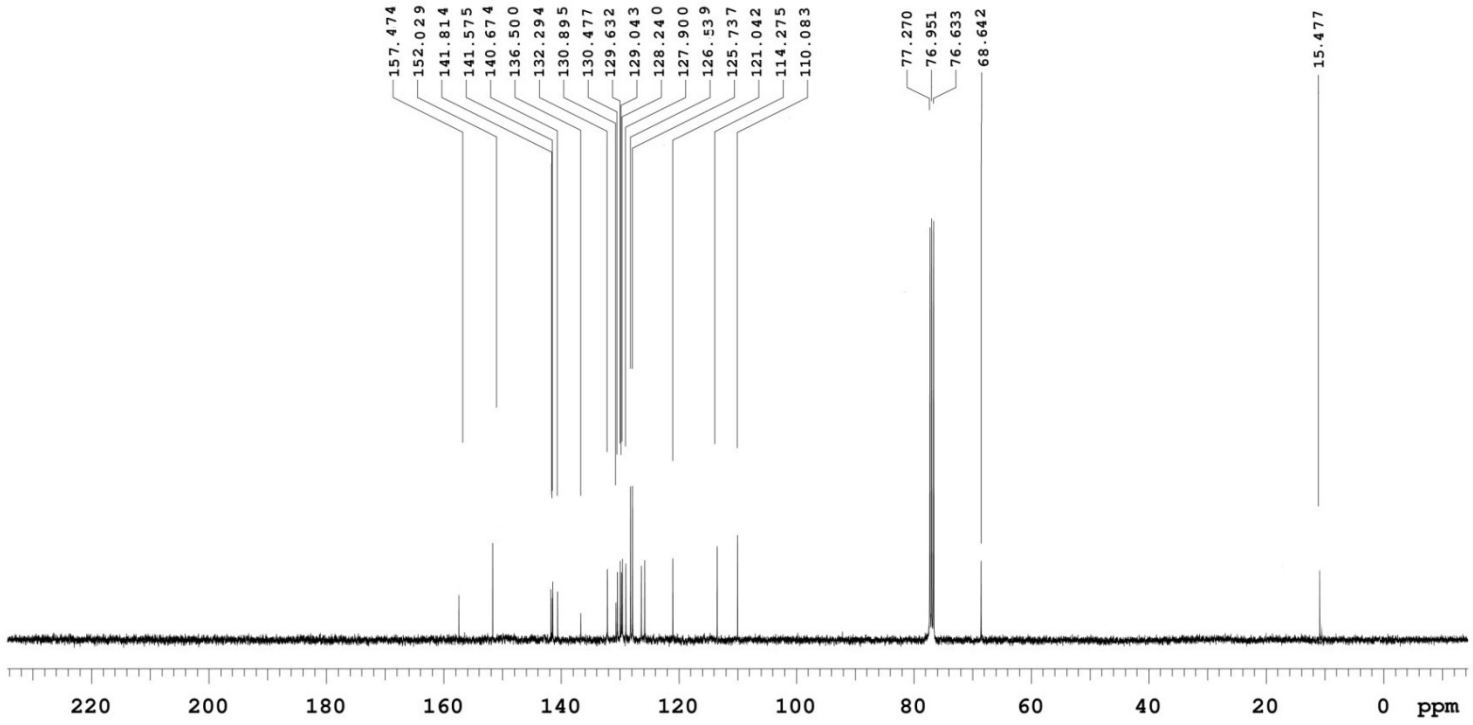
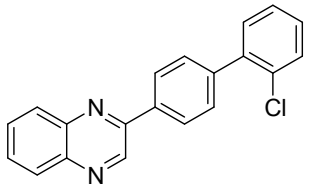


^{1}H NMR of **4s** in $CDCl_3$



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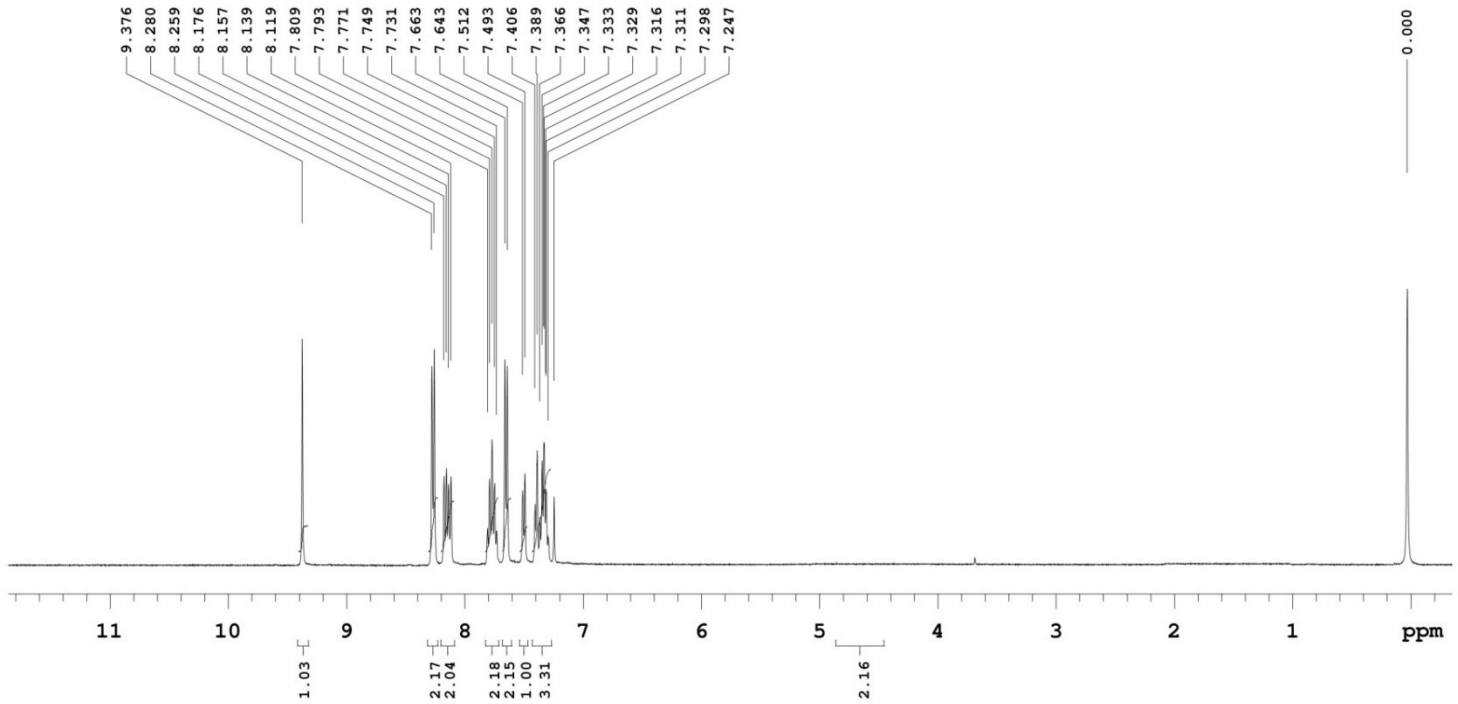
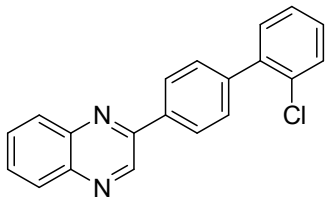


^{13}C NMR of **4s** in $CDCl_3$



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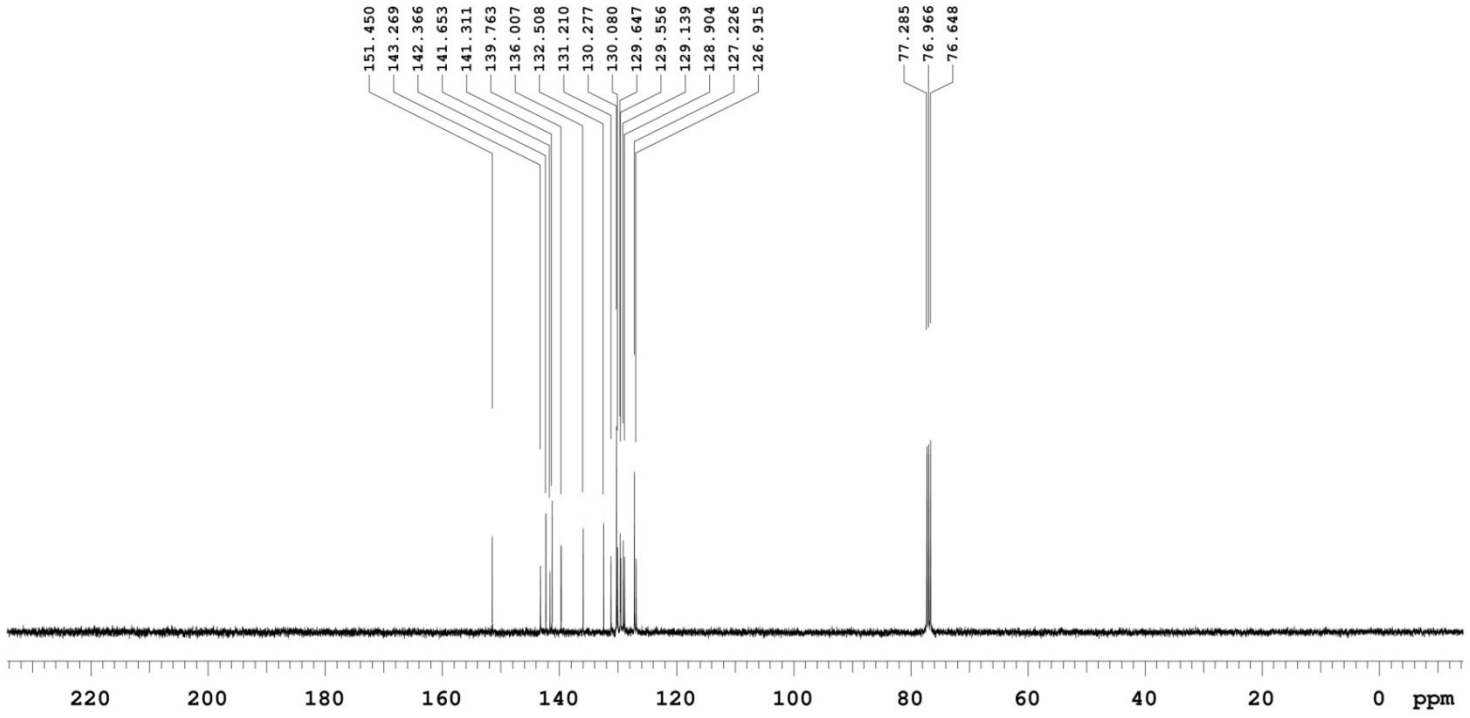
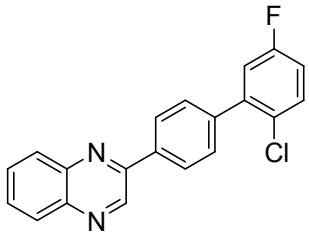
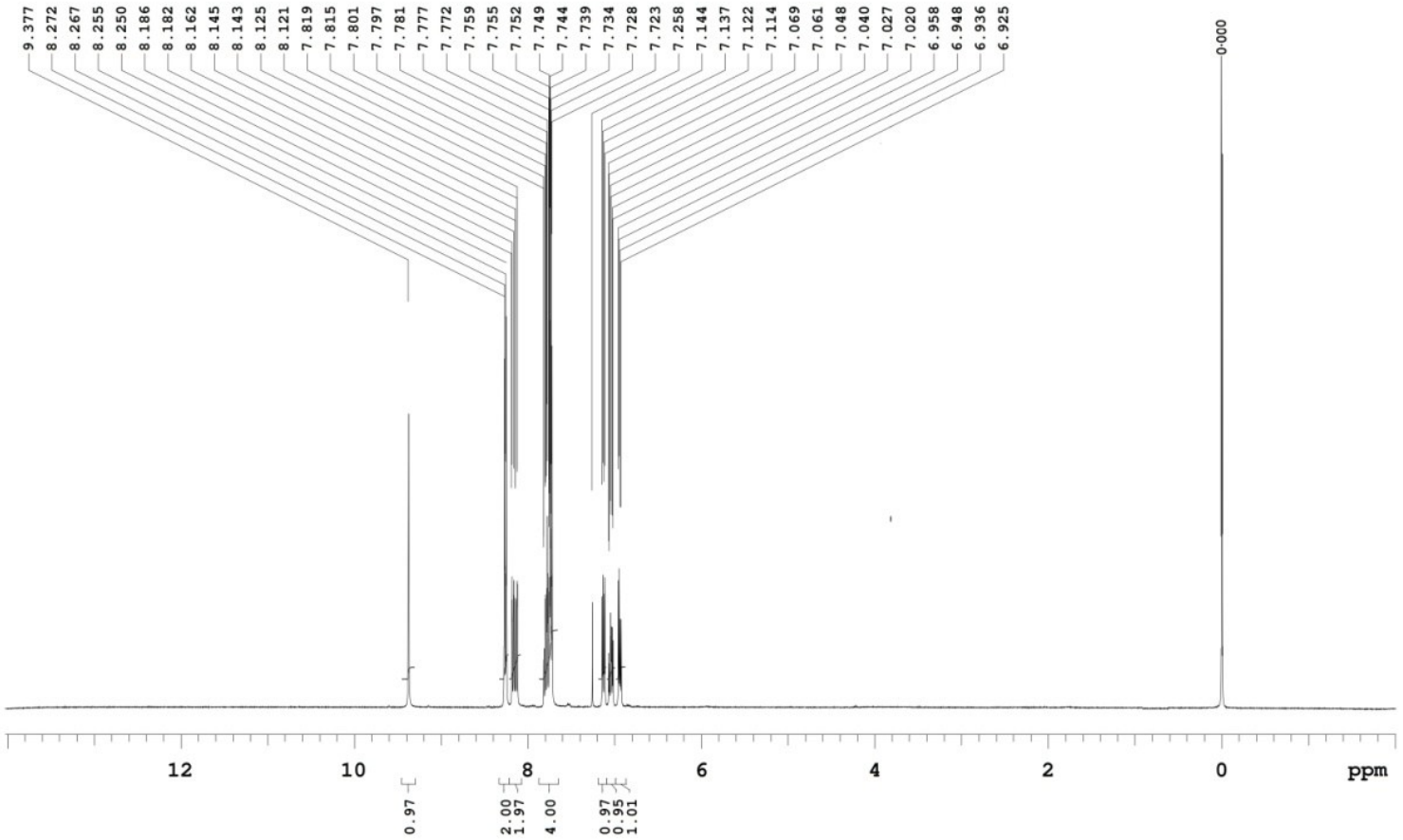
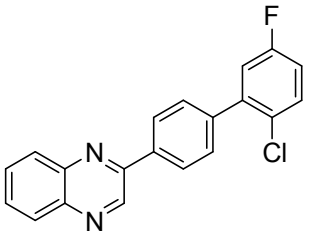


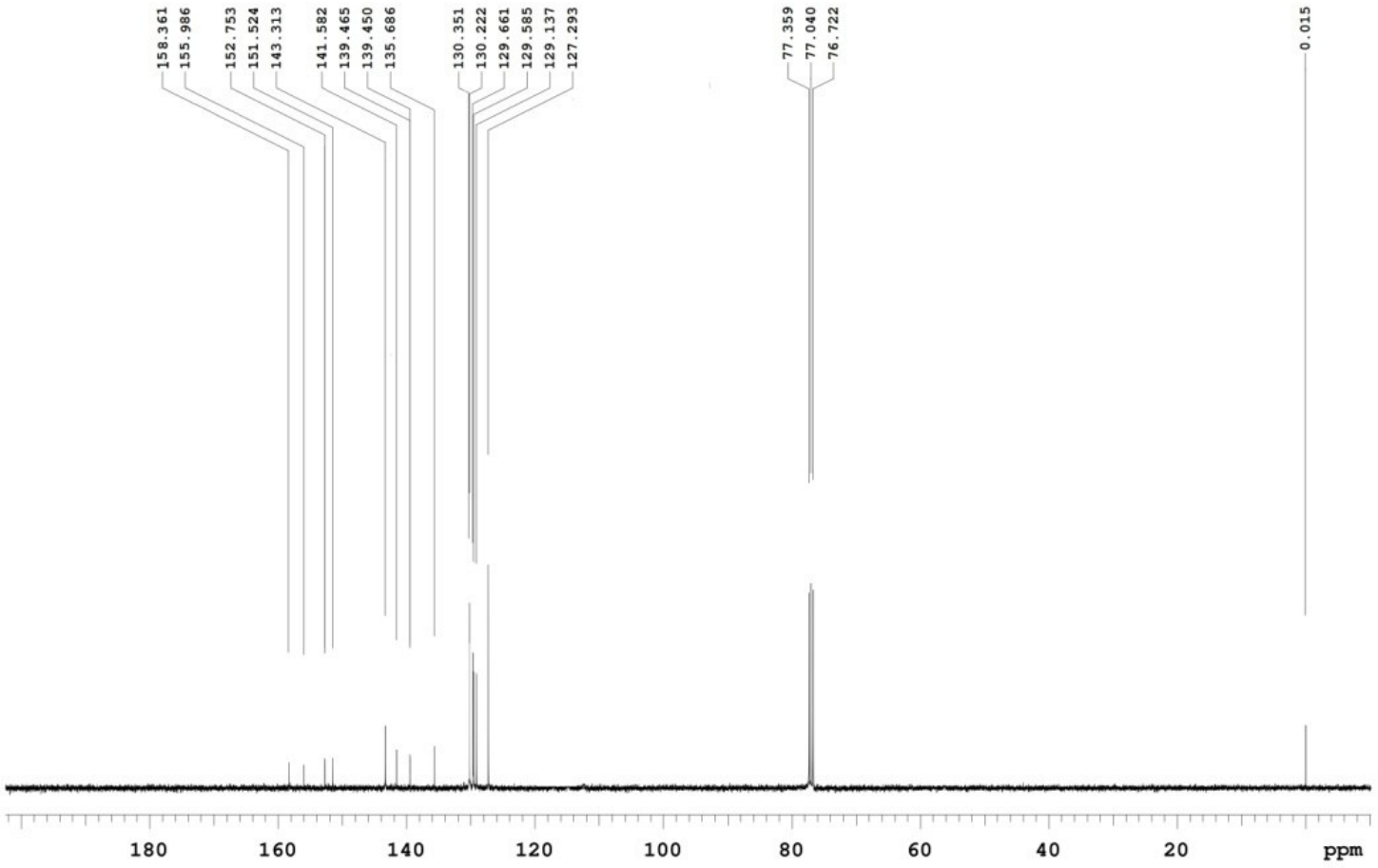
^{1}H NMR of **4t** in $CDCl_3$



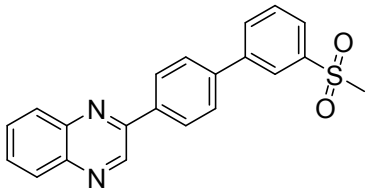


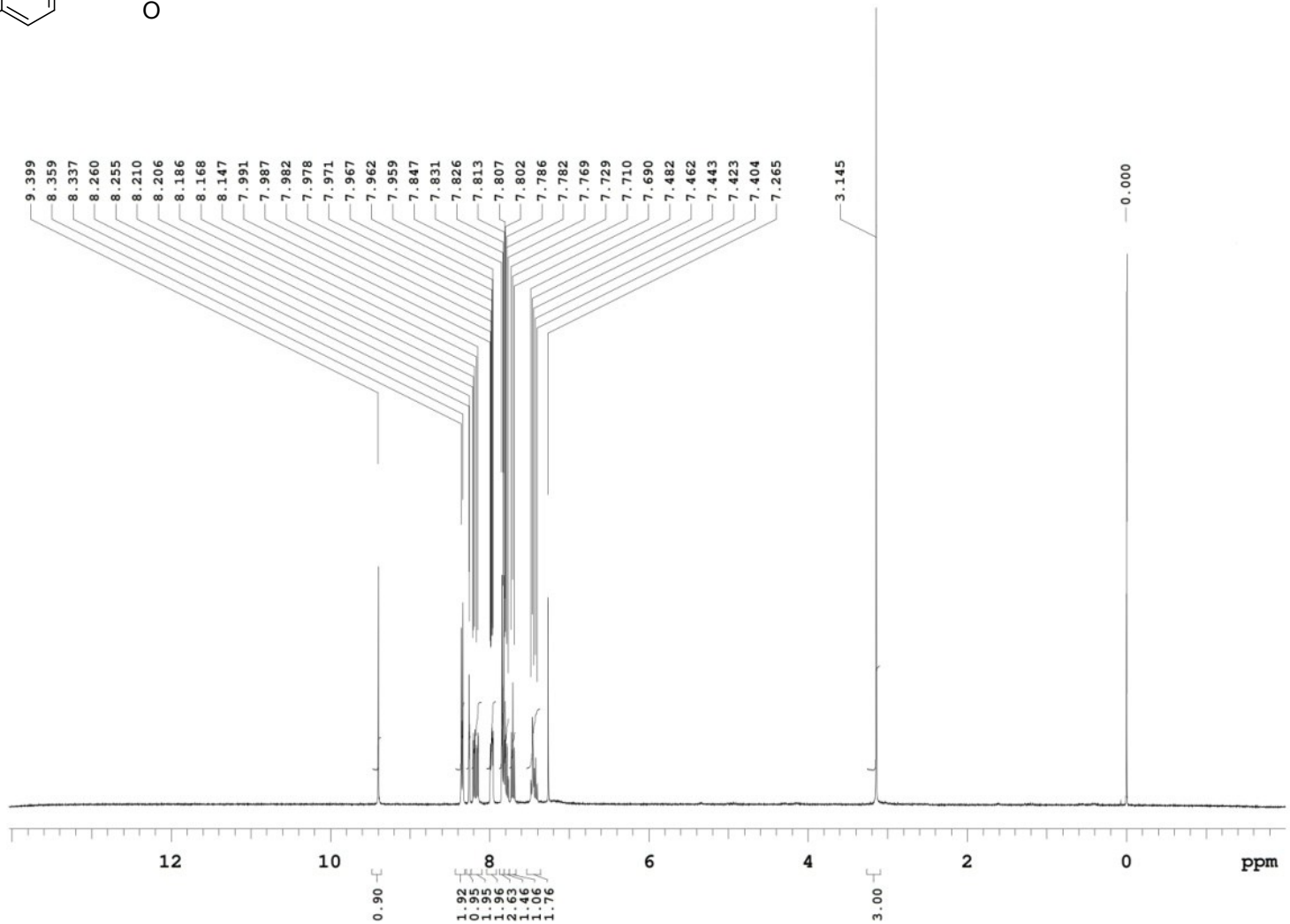
^{13}C NMR of **4t** in $CDCl_3$



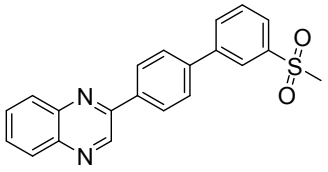


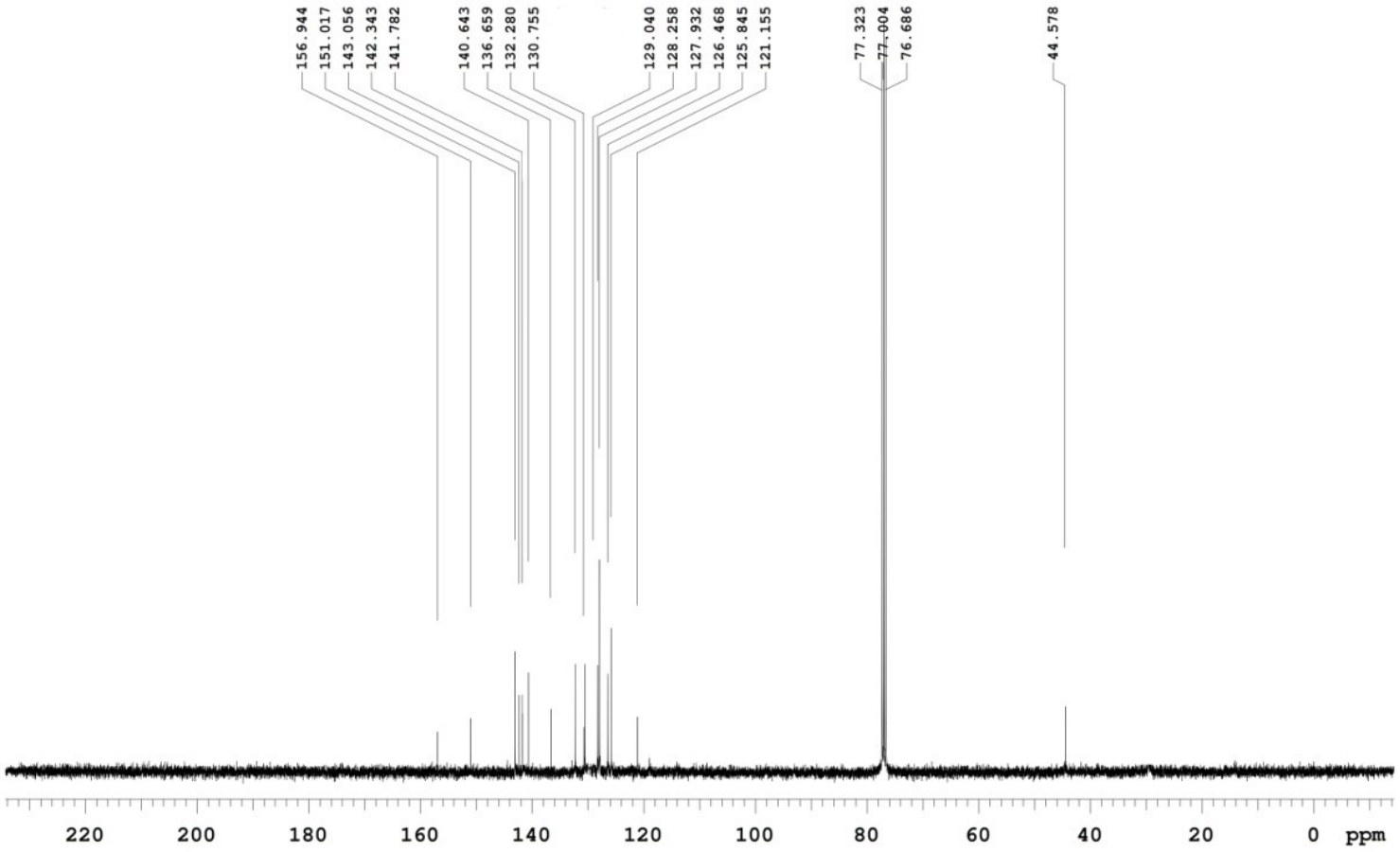
^{1}H NMR of **4u** in $CDCl_3$



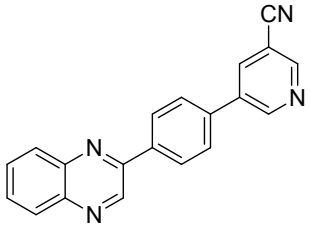


^{13}C NMR of **4u** in $CDCl_3$





^{1}H NMR of **4V** in $CDCl_3$



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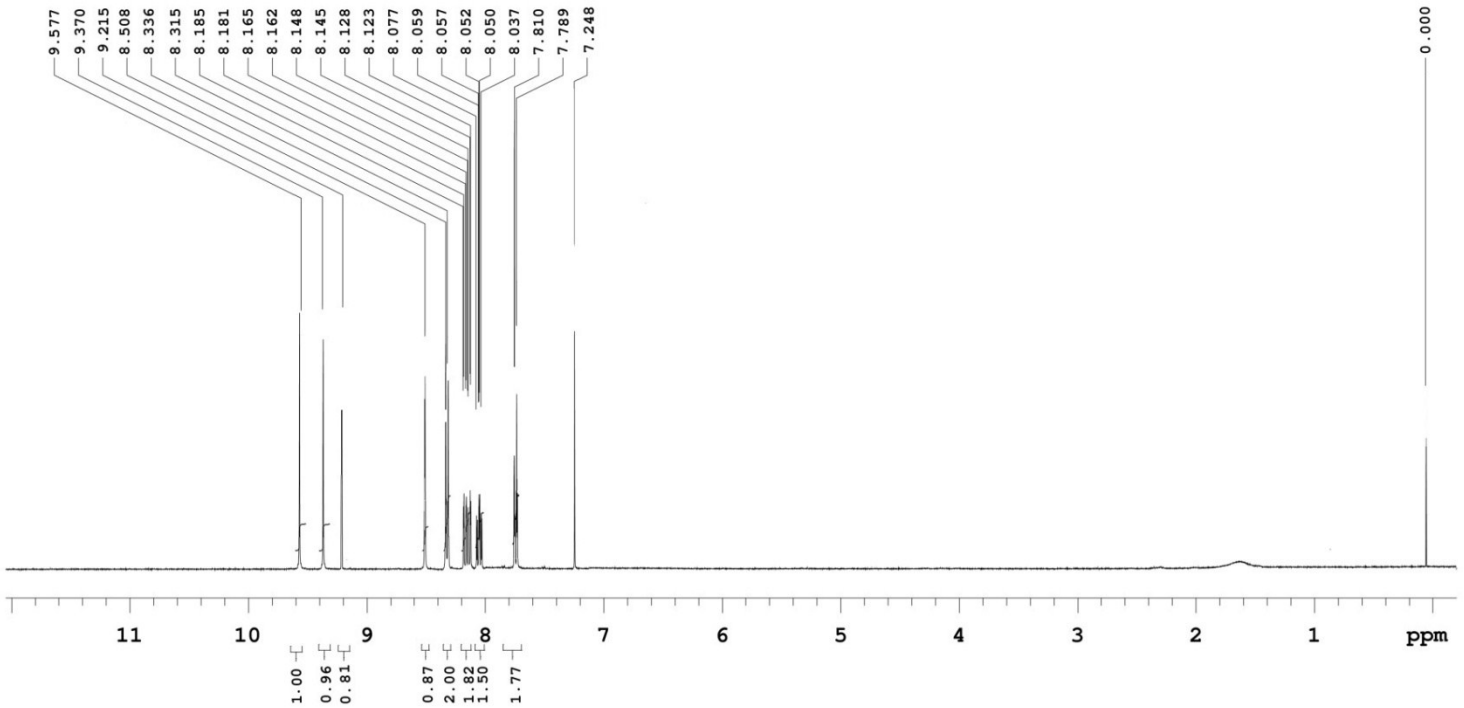
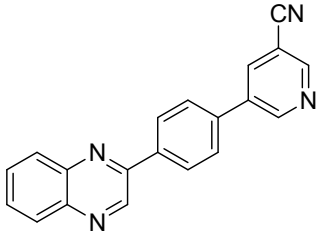


^{13}C NMR of **4v** in $CDCl_3$



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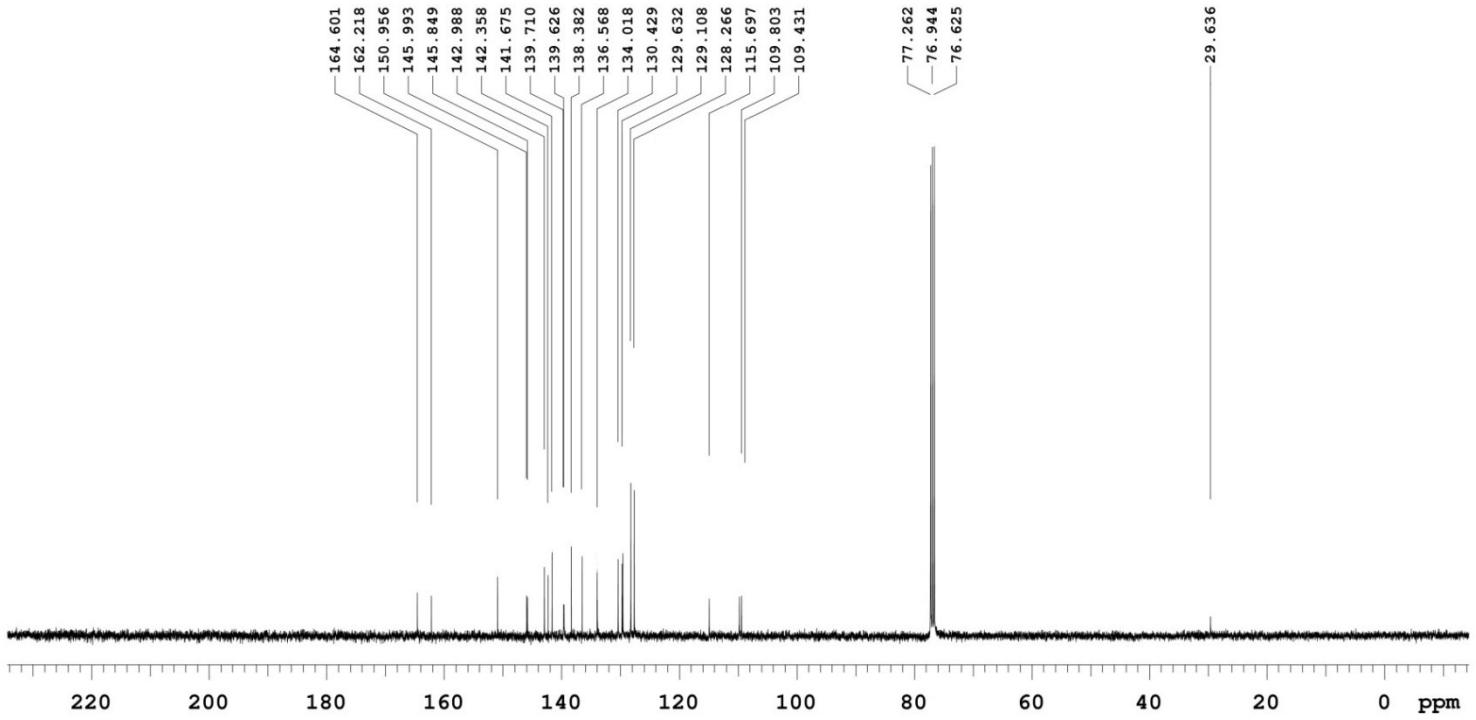
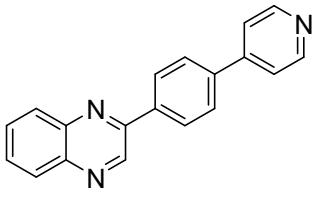
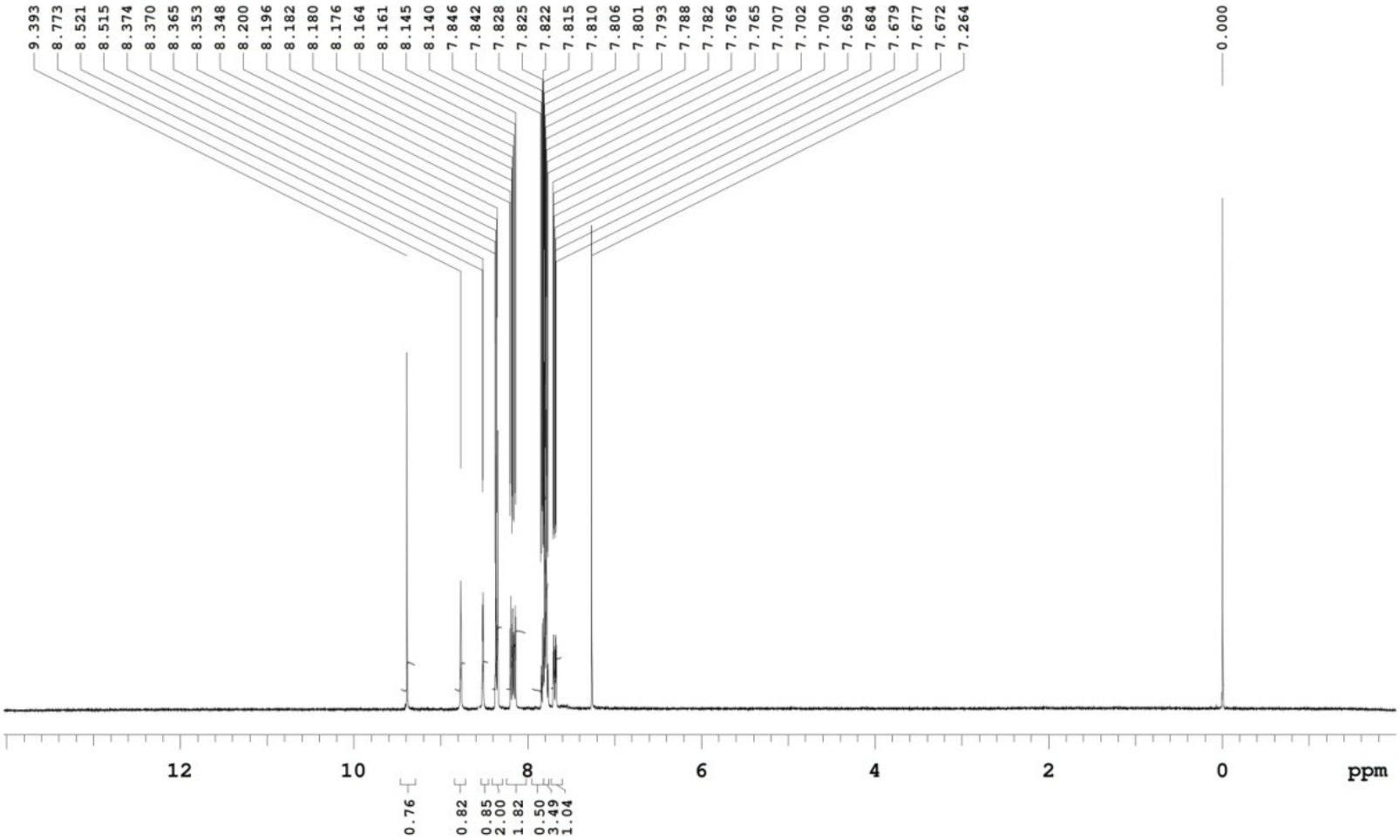
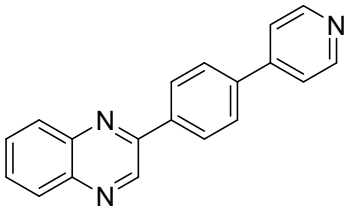


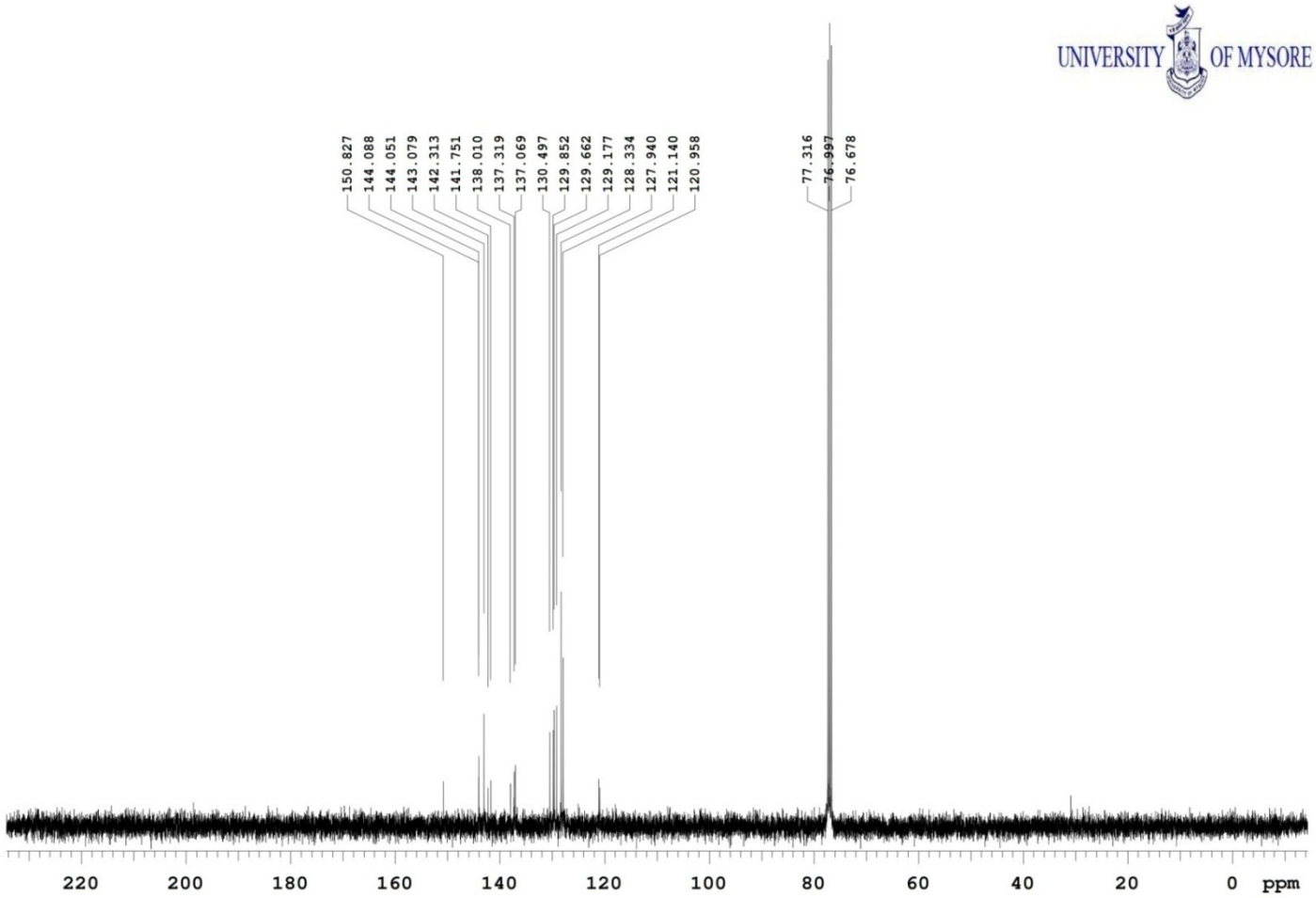
^{1}H NMR of **4w** in $CDCl_3$



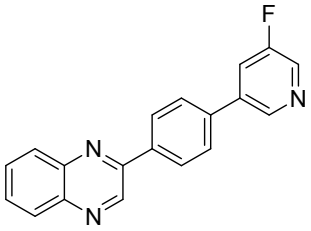


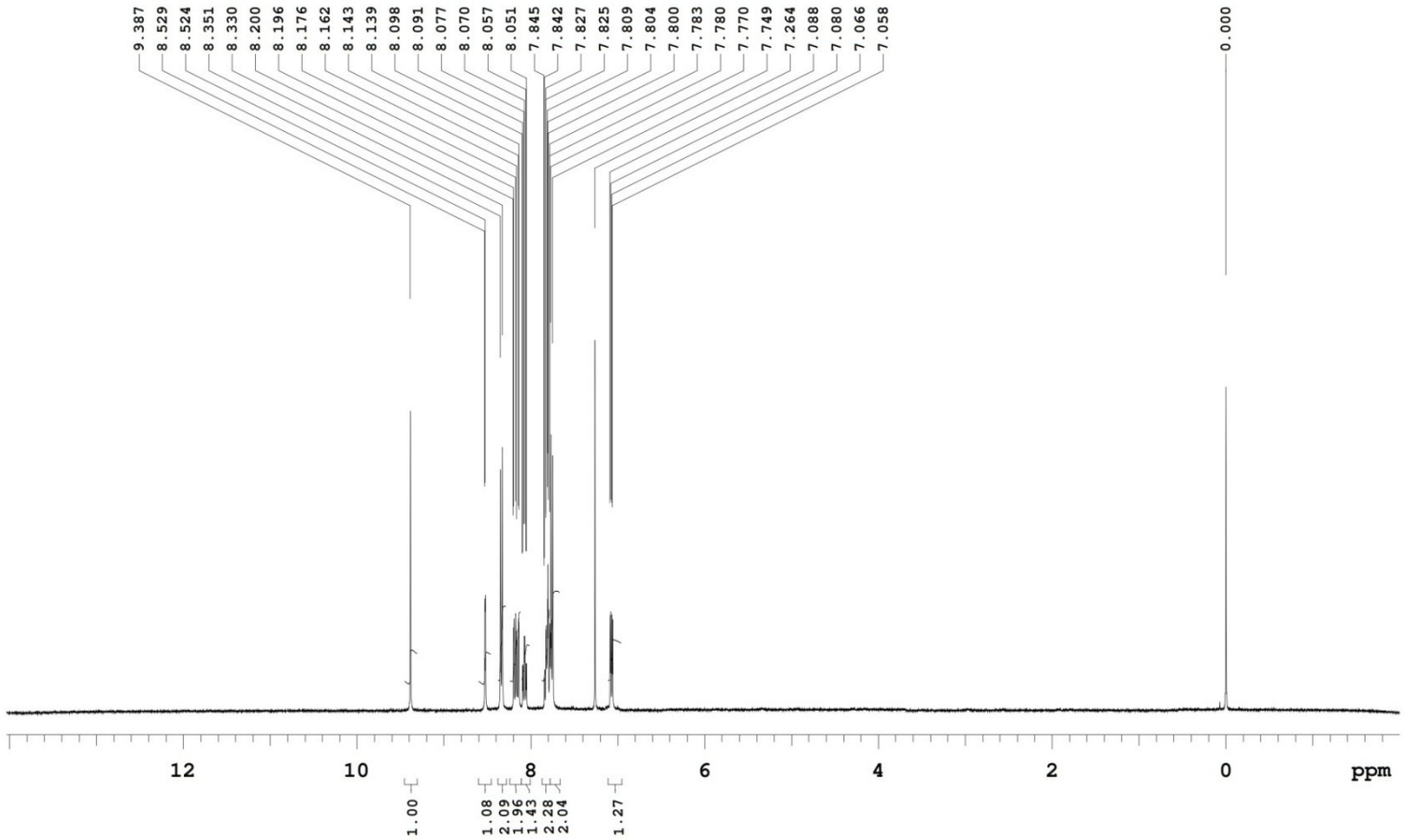
^{13}C NMR of **4w** in $CDCl_3$



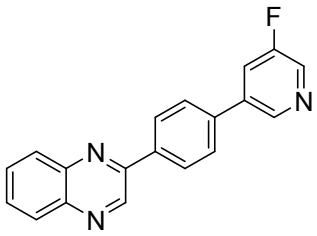


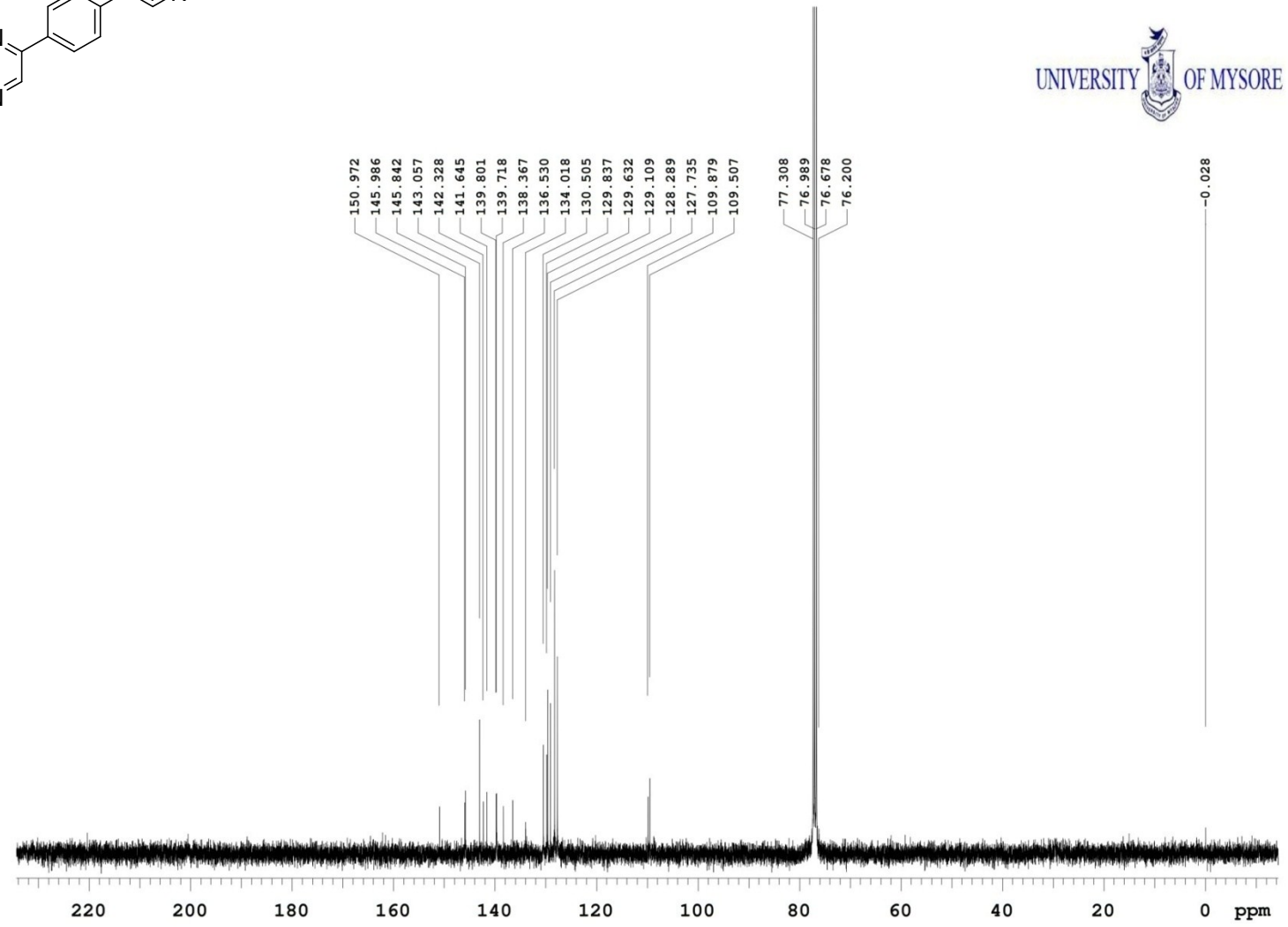
^{1}H NMR of **4x** in $CDCl_3$



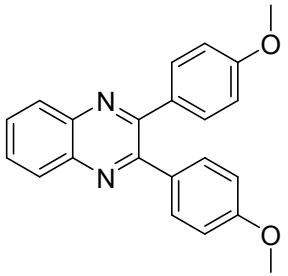


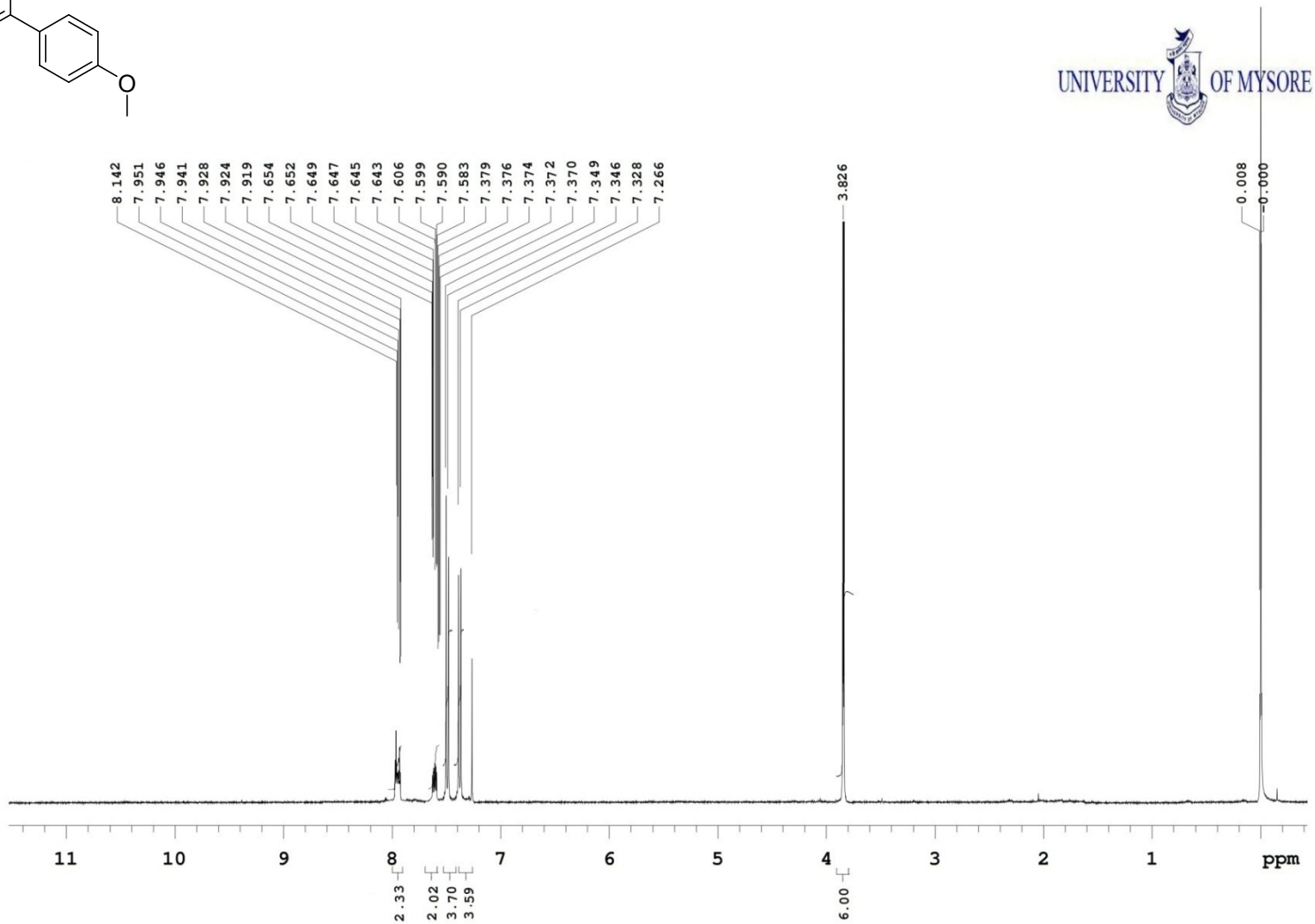
^{13}C NMR of **4x** in $CDCl_3$



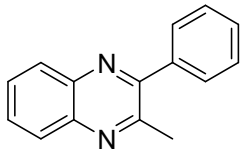


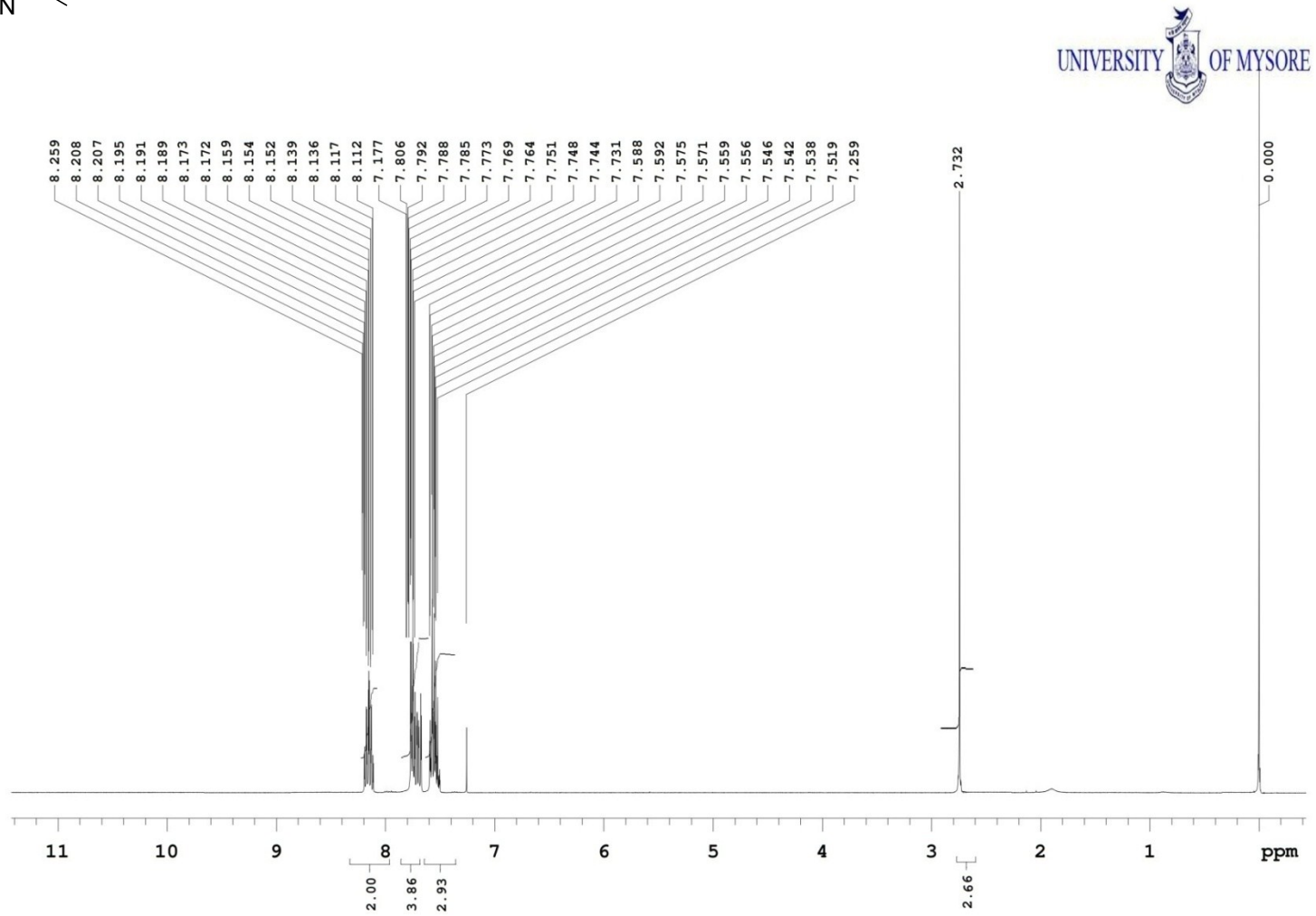
^{1}H NMR of **5b** in $CDCl_3$



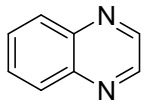


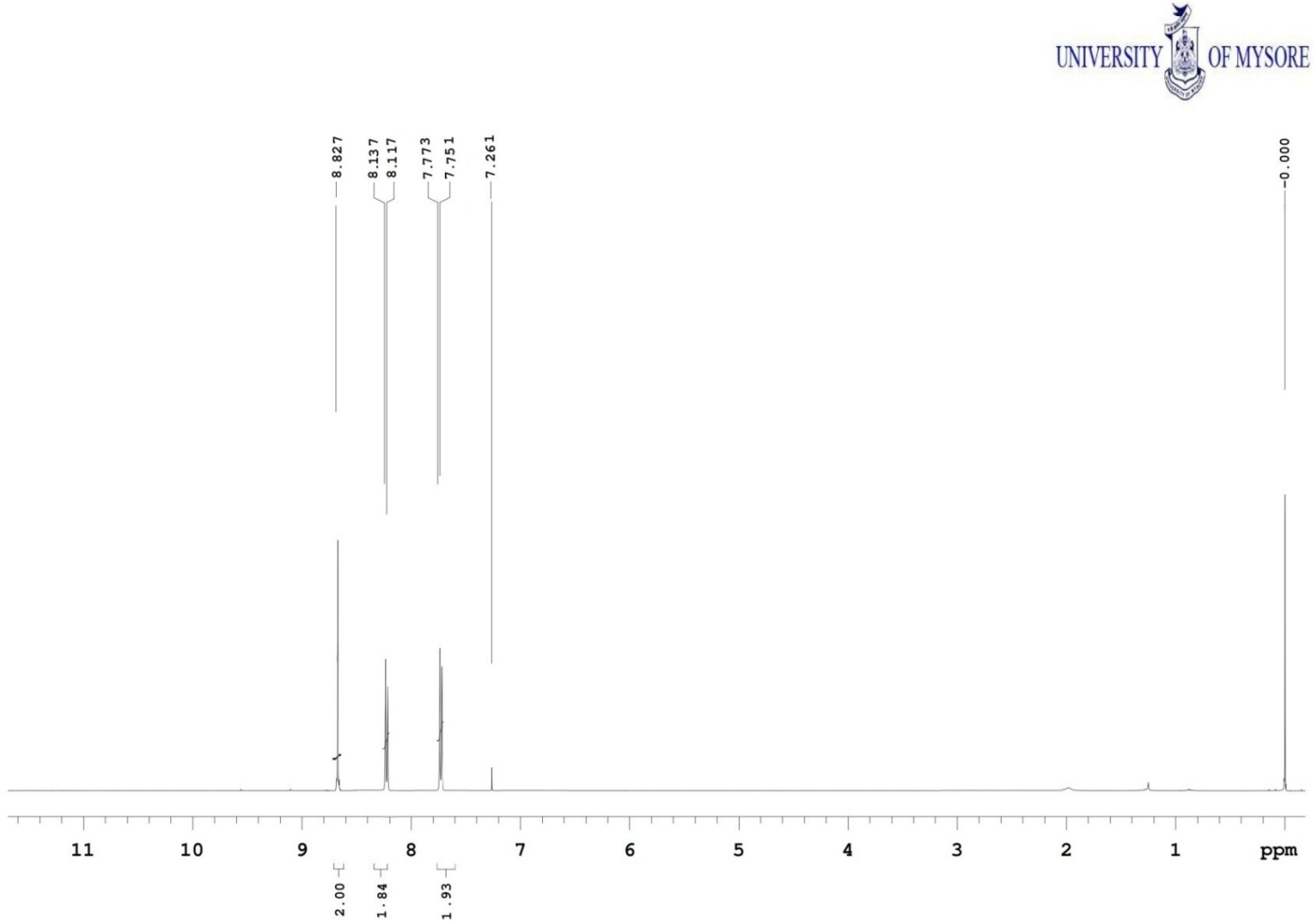
^{1}H NMR of **5d** in $CDCl_3$



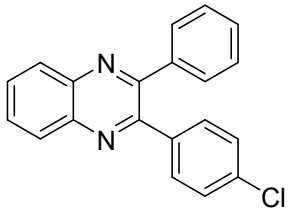


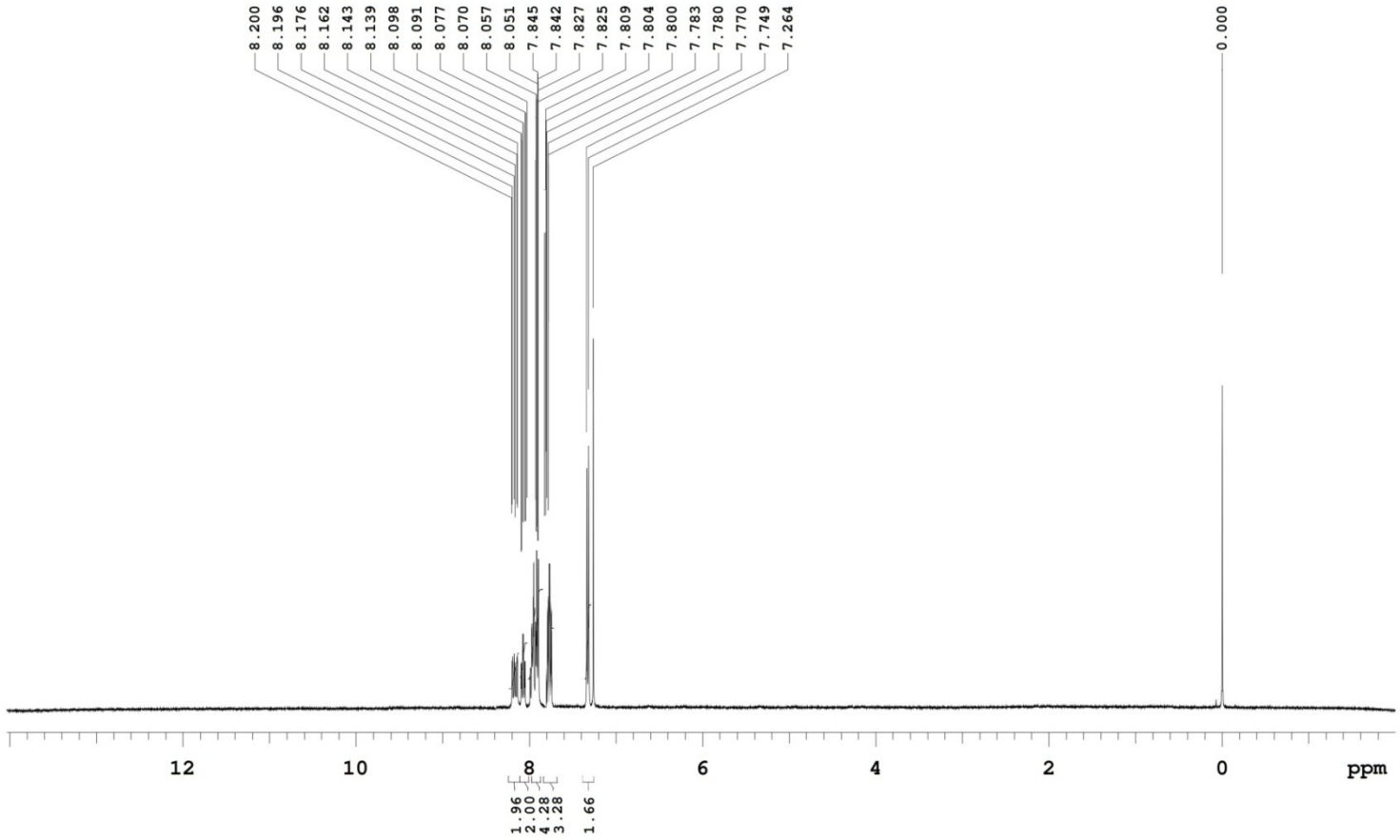
^{1}H NMR of **5e** in $CDCl_3$



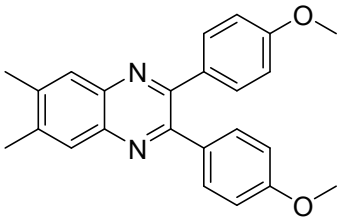


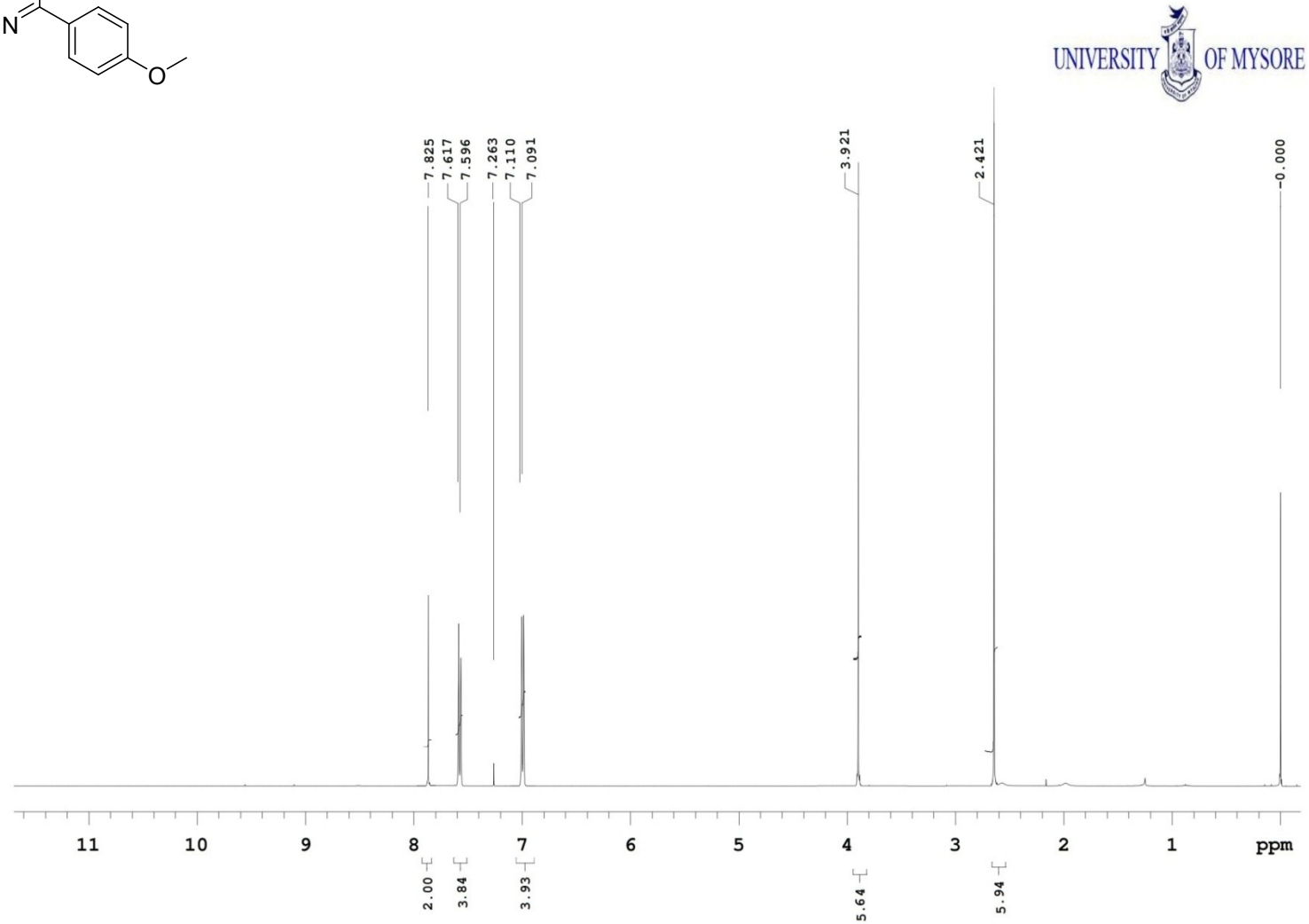
^{1}H NMR of **5f** in $CDCl_3$



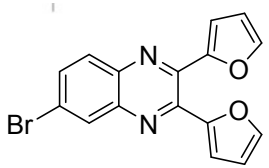


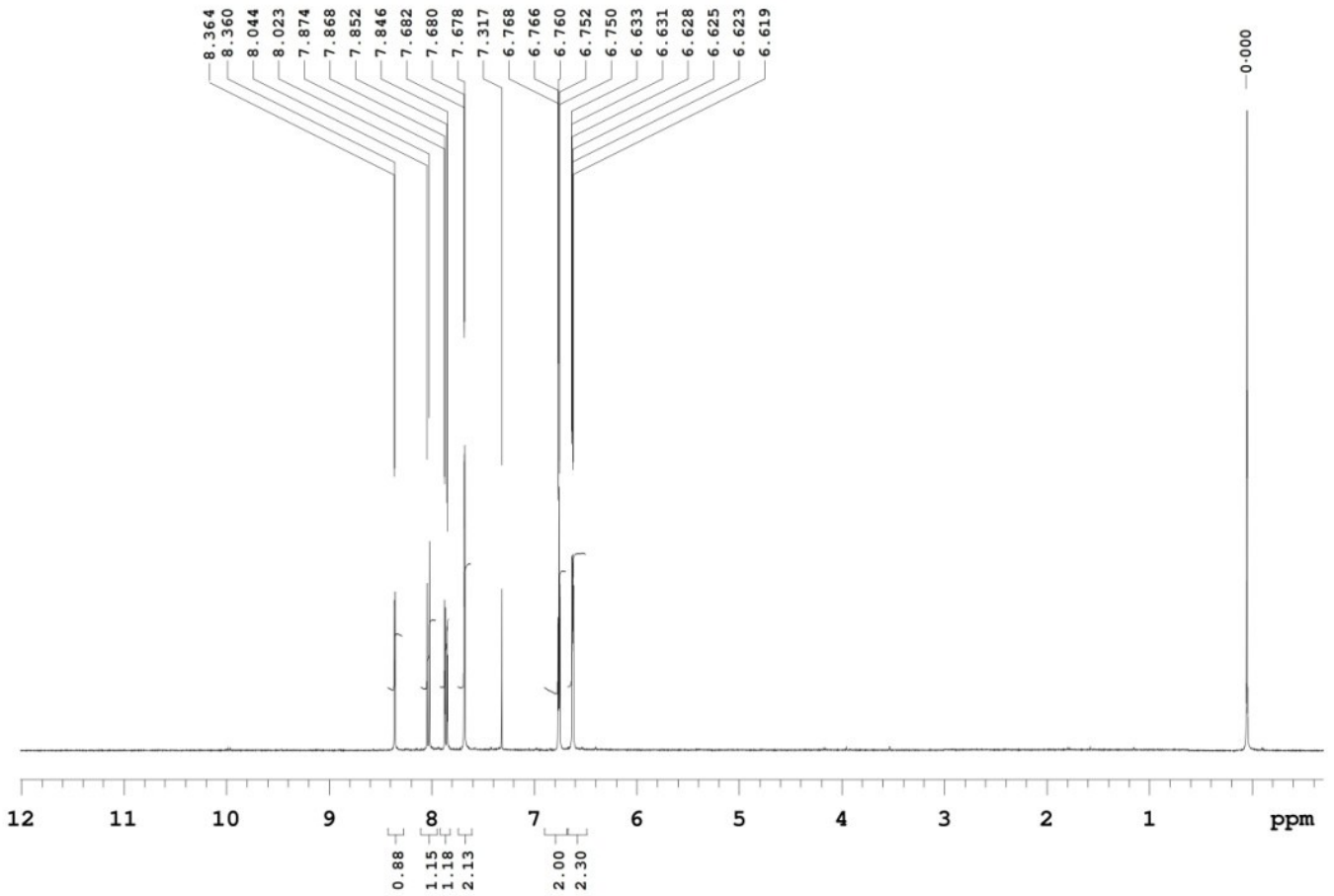
^{1}H NMR of **5h** in $CDCl_3$



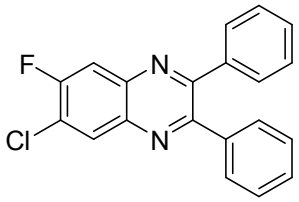


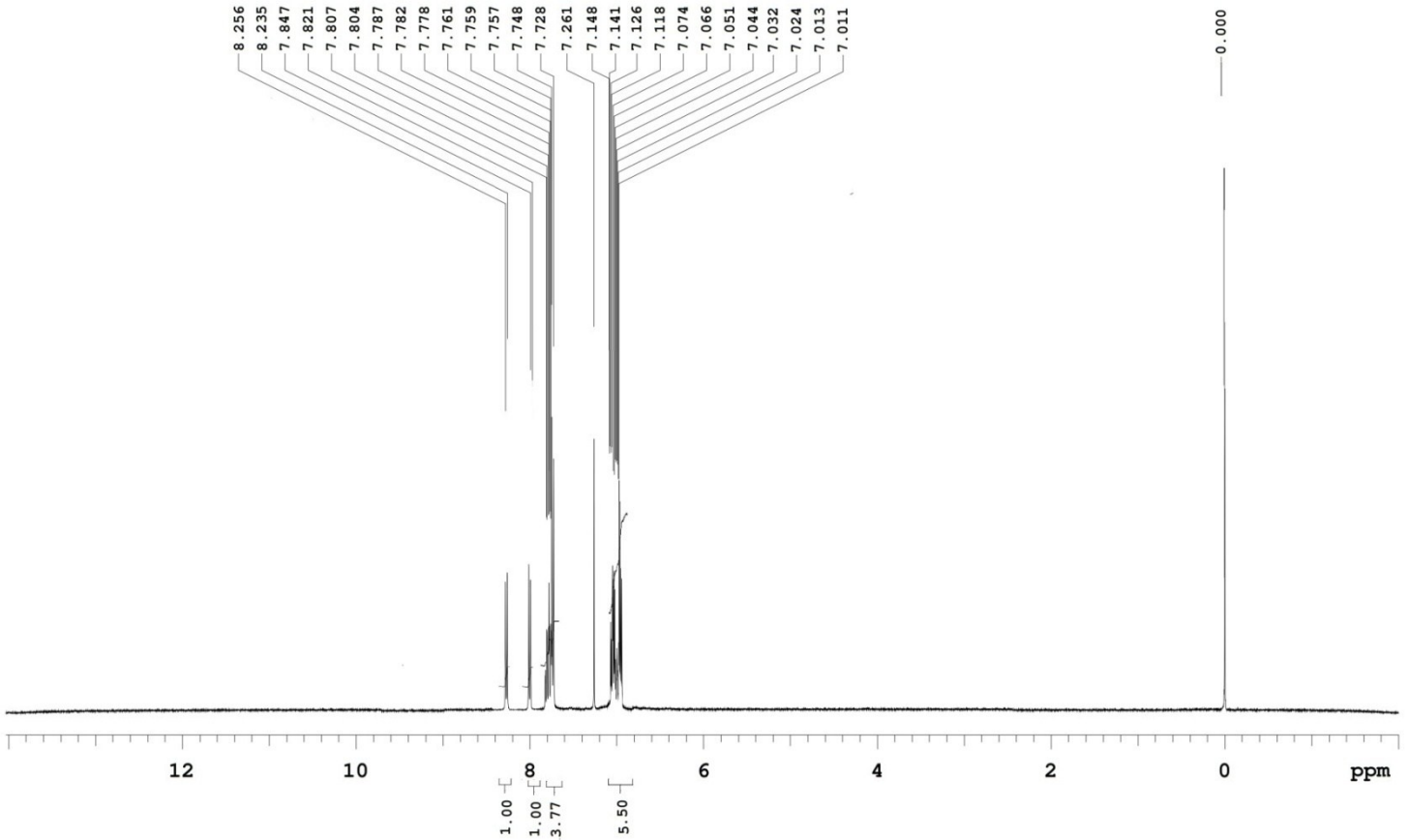
^{1}H NMR of **5k** in $CDCl_3$



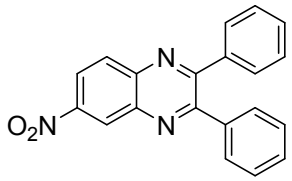


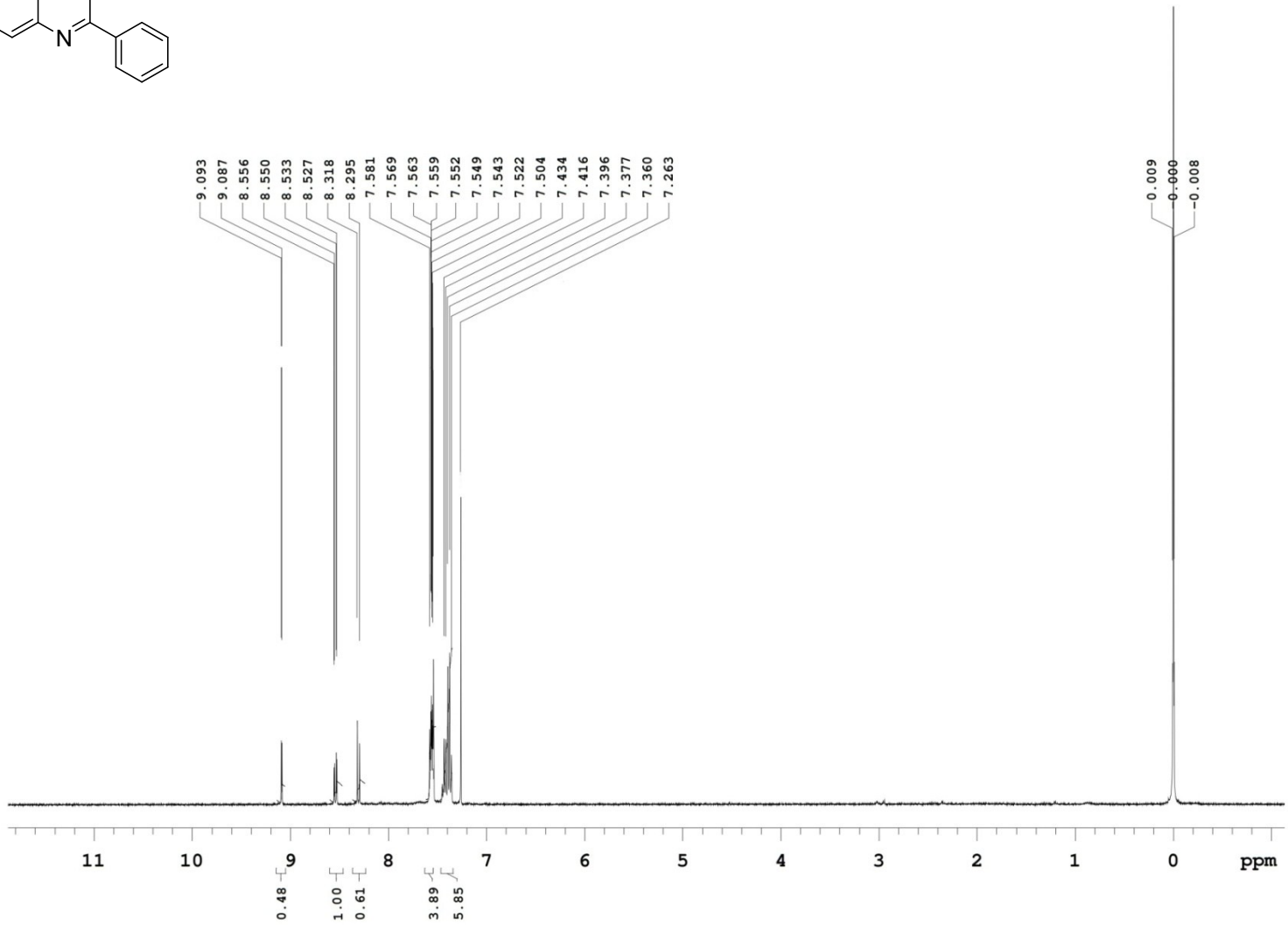
^{1}H NMR of **5m** in $CDCl_3$





^{1}H NMR of **5n** in $CDCl_3$





^{1}H NMR of **5p** in $CDCl_3$