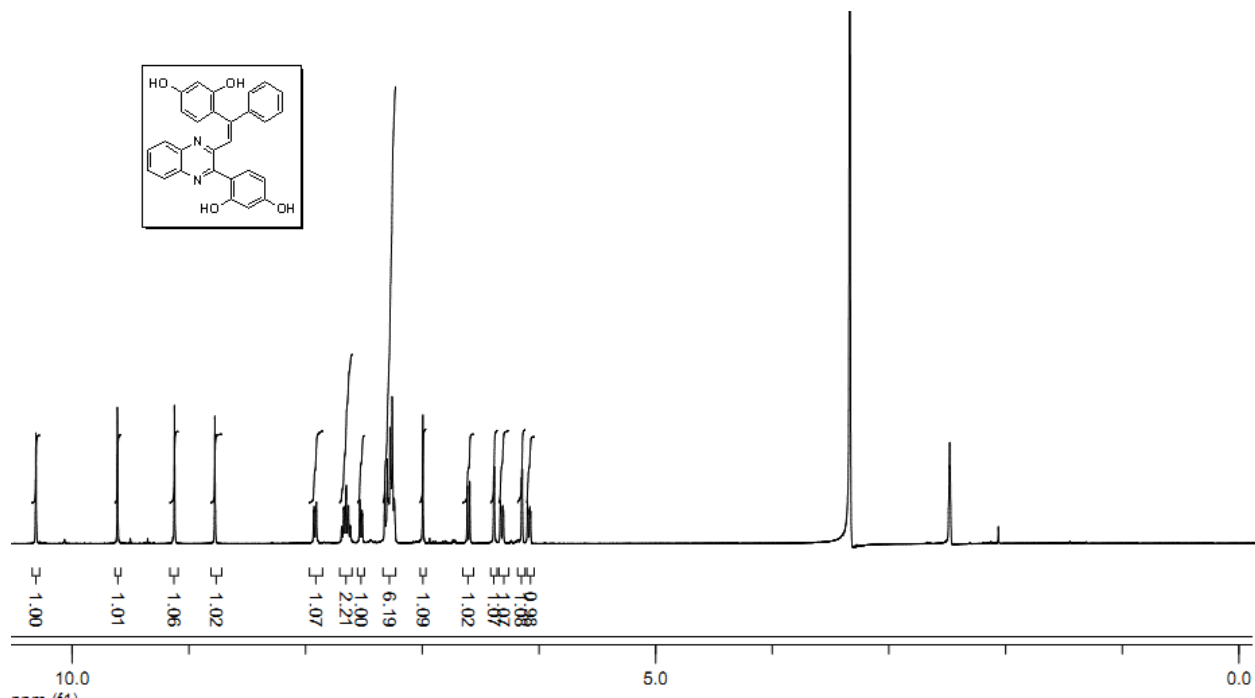
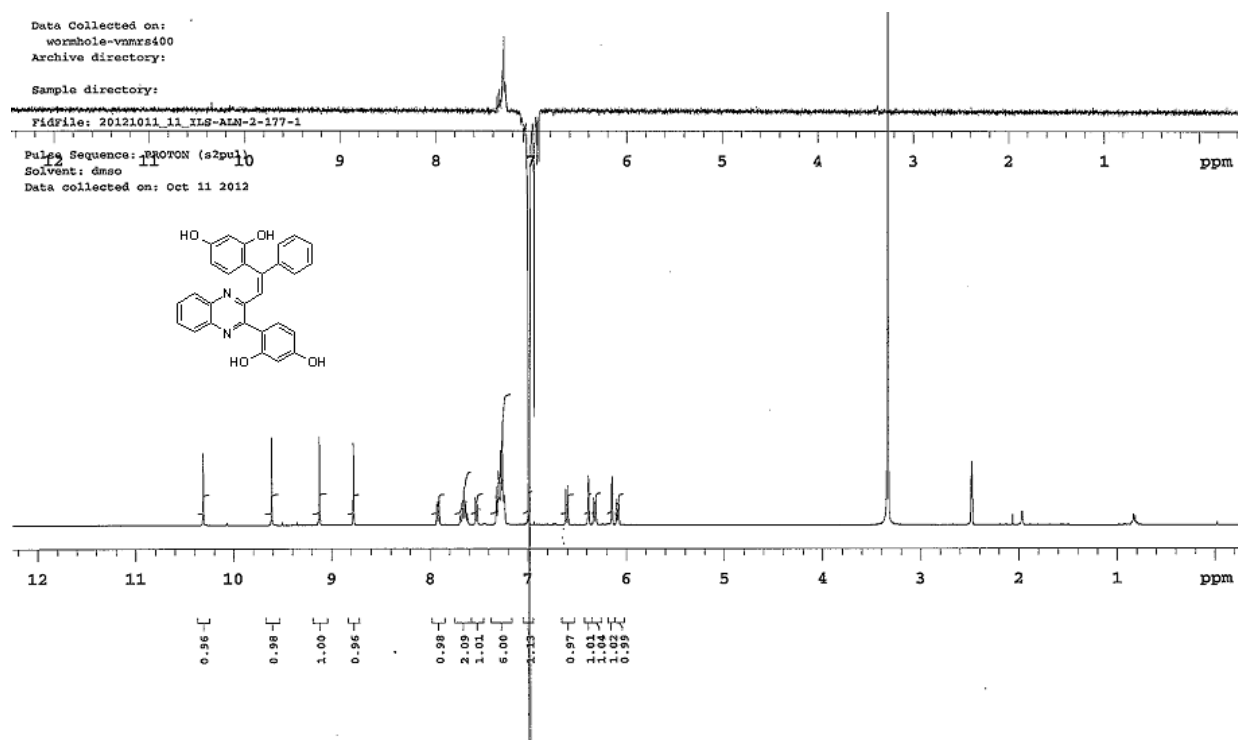


Copies of ^1H & ^{13}C NMR Spectra

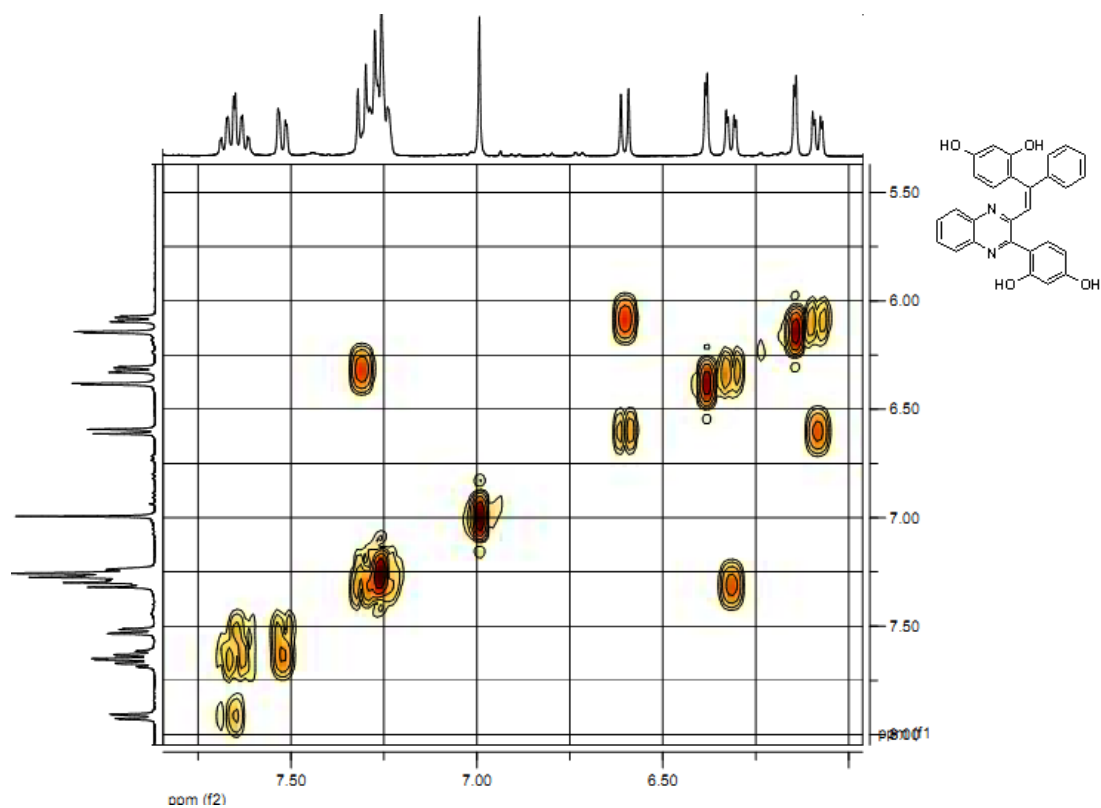
^1H NMR (400 MHz, $\text{DMSO}-d_6$) - 4aa



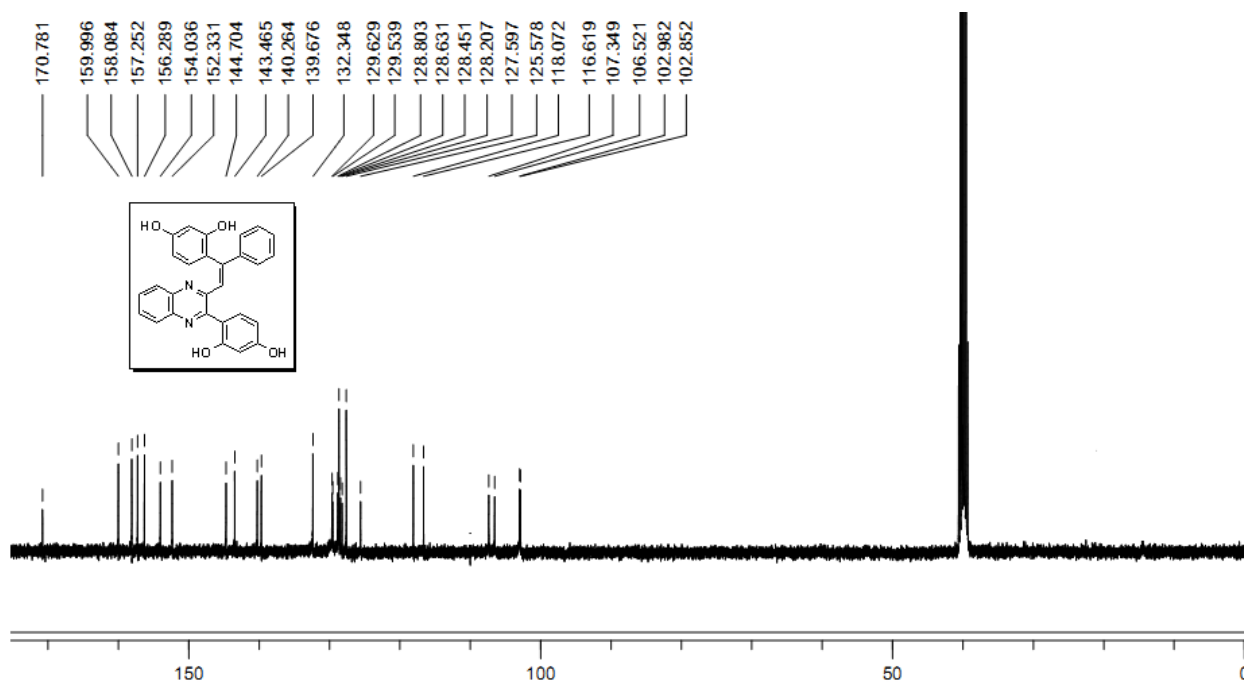
NOE- 4aa



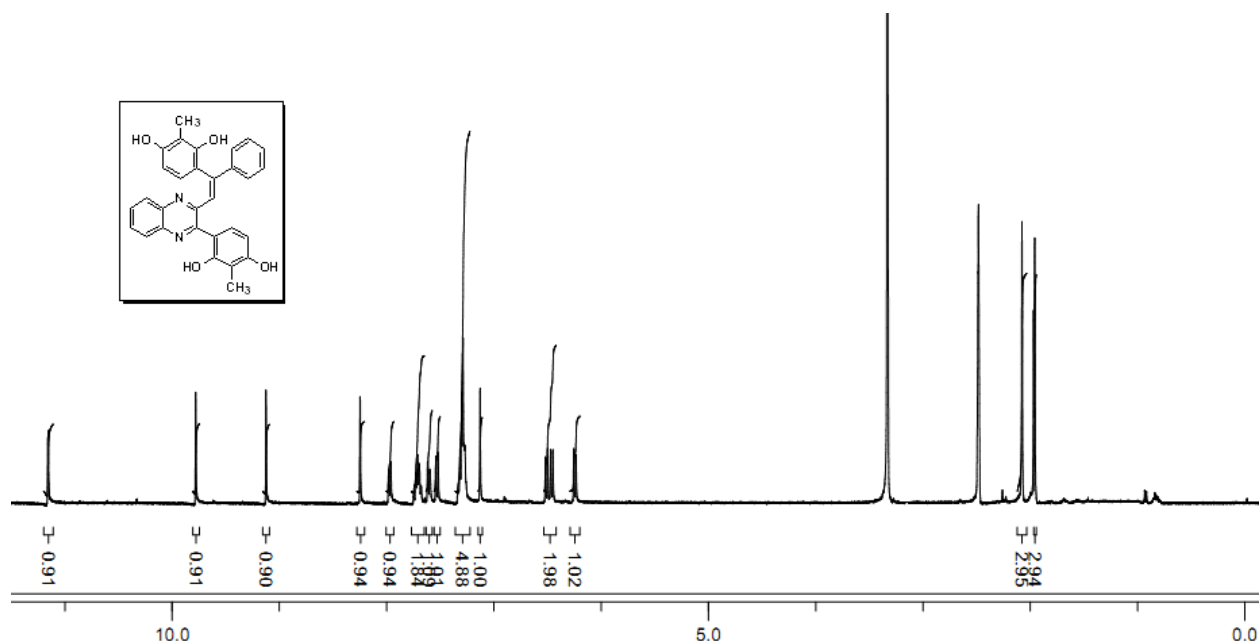
1D-COSY -4aa



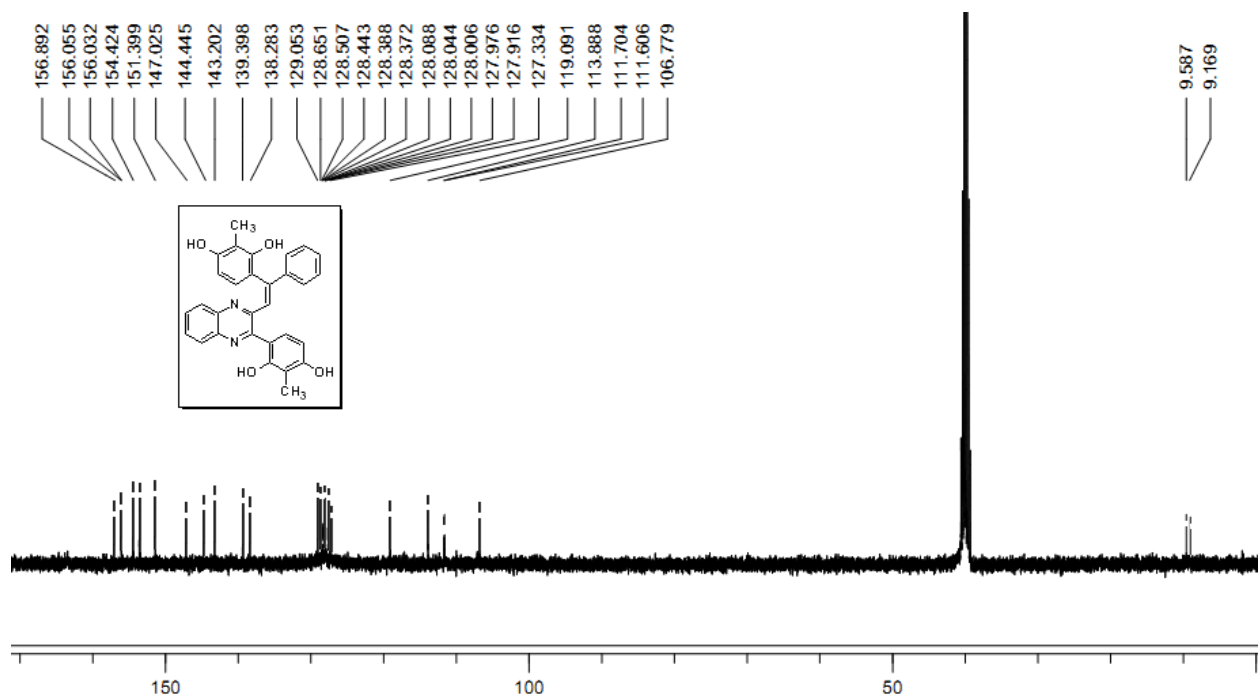
¹³C NMR (100 MHz, DMSO-*d*₆) - 4aa



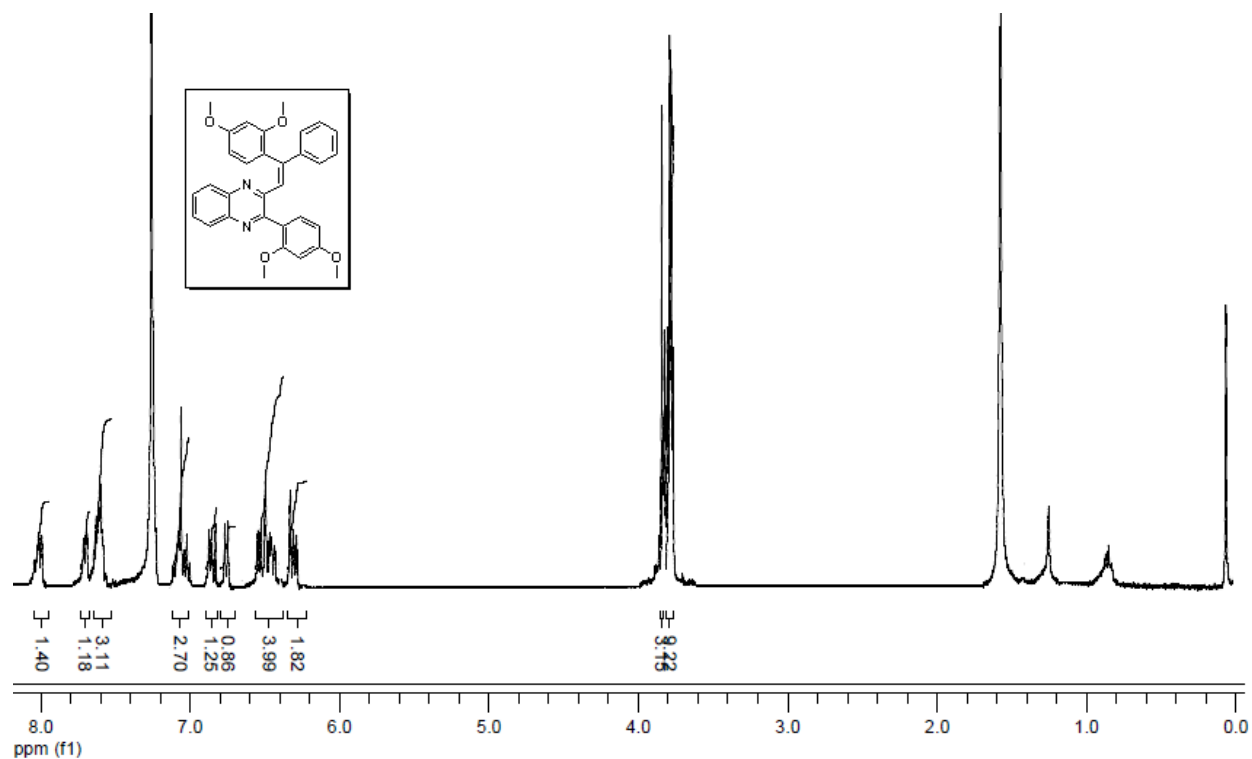
^1H NMR (400 MHz, $\text{DMSO}-d_6$) - **4ab**



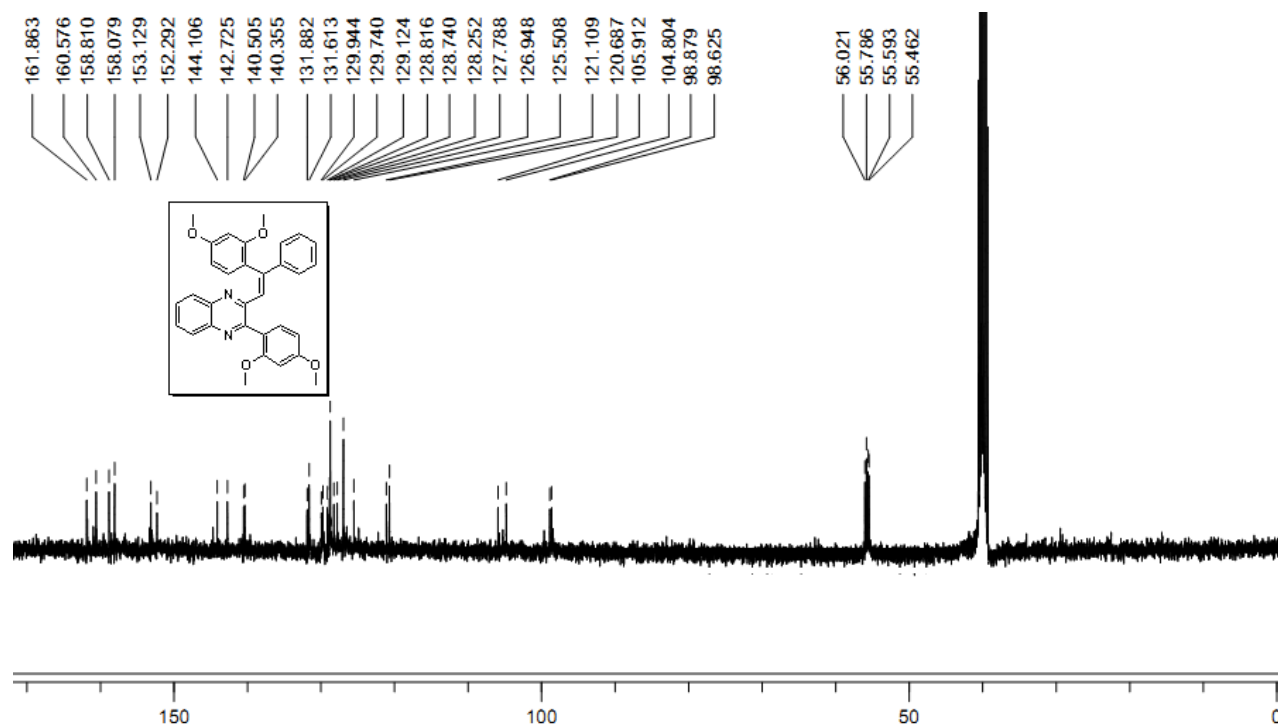
^{13}C NMR (100 MHz, $\text{DMSO}-d_6$) - **4ab**



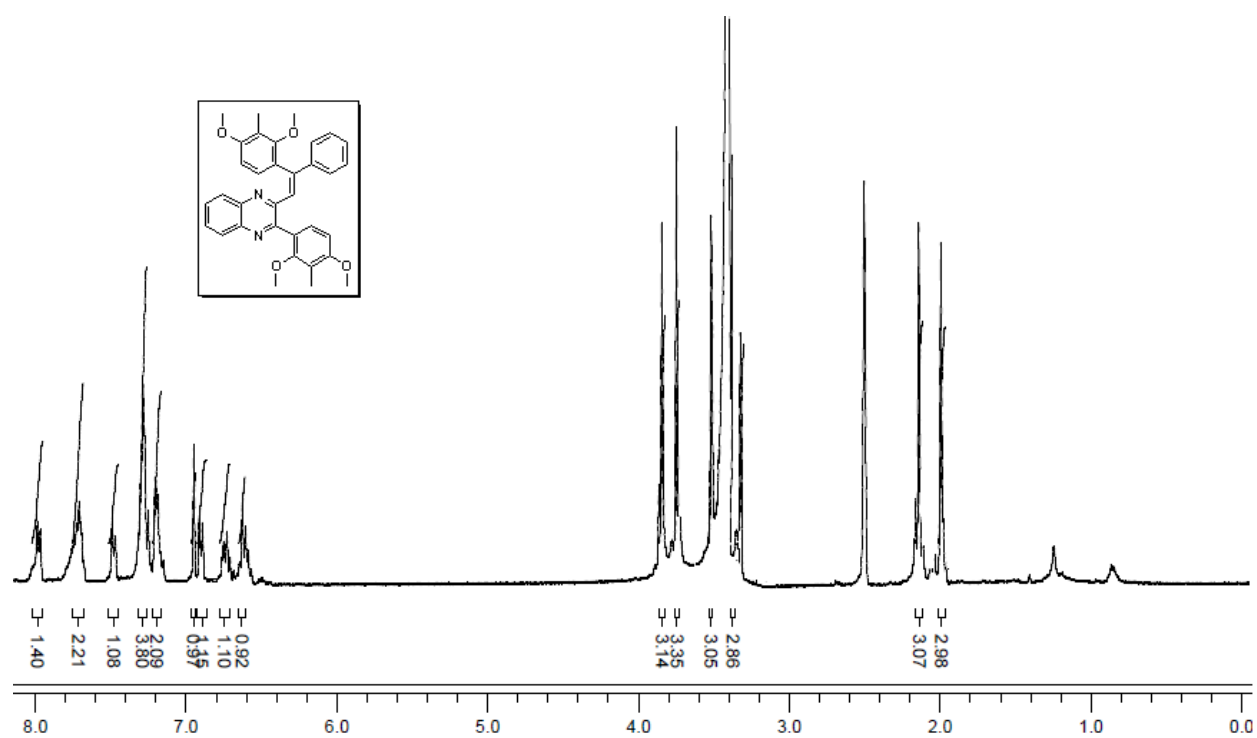
^1H NMR (400 MHz, $\text{DMSO-}d_6$) - **4ac**



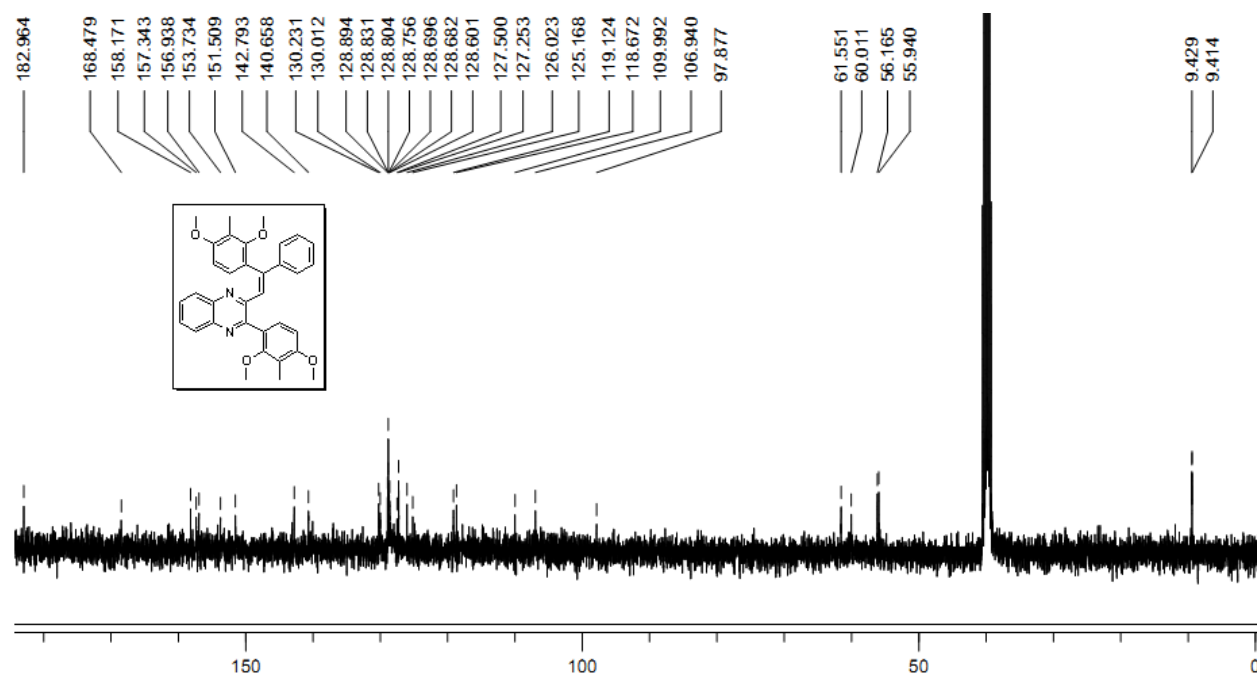
^{13}C NMR (100 MHz, $\text{DMSO-}d_6$) - **4ac**



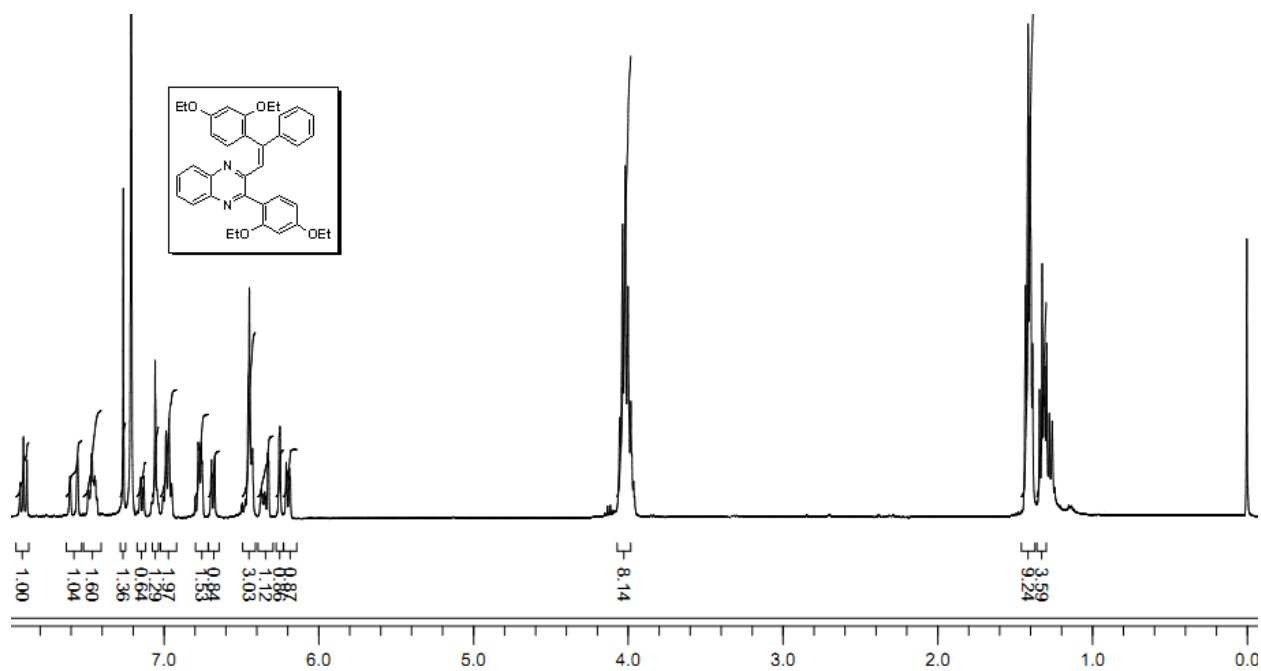
^1H NMR (400 MHz, $\text{DMSO}-d_6$) - **4ad**



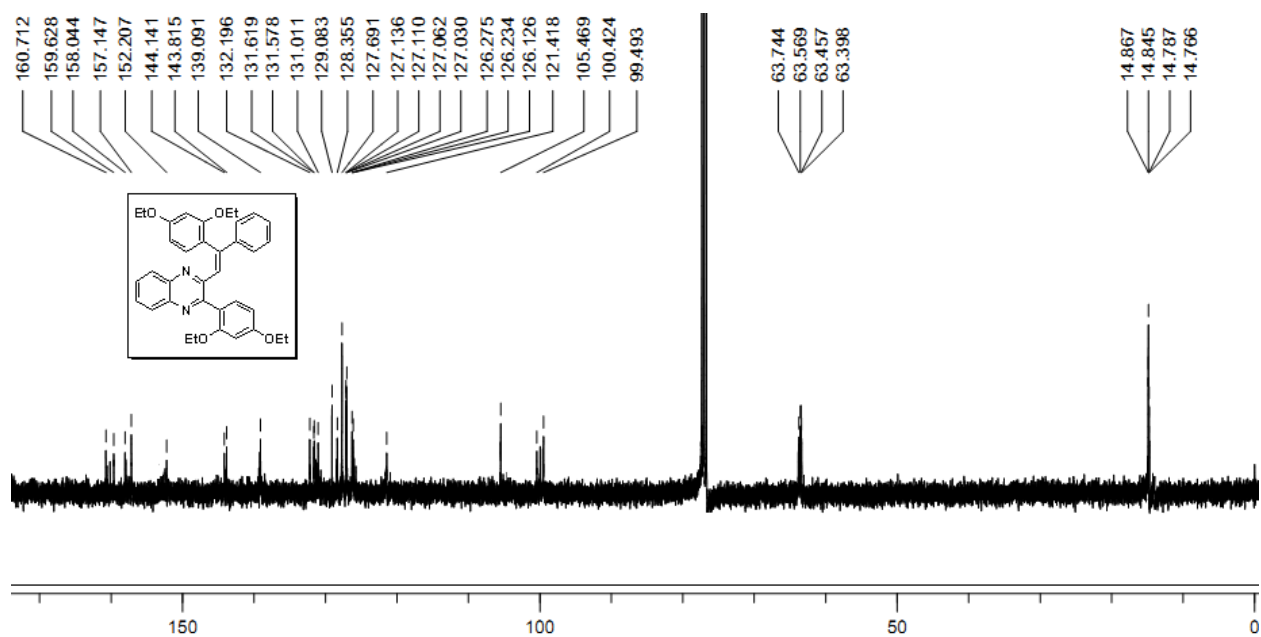
^{13}C NMR (100 MHz, $\text{DMSO}-d_6$) - **4ad**



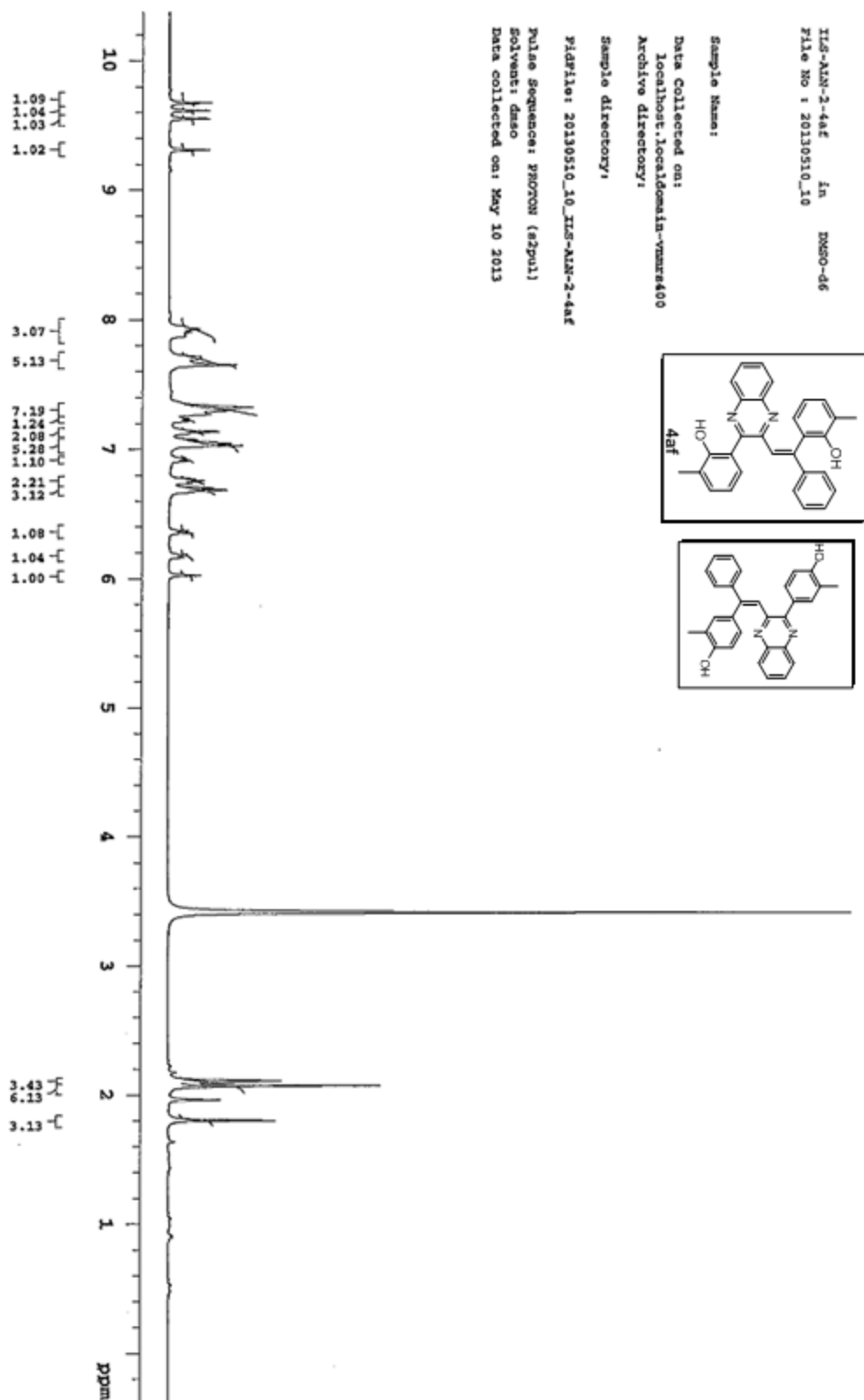
^1H NMR (400 MHz, CDCl_3) - **4ae**



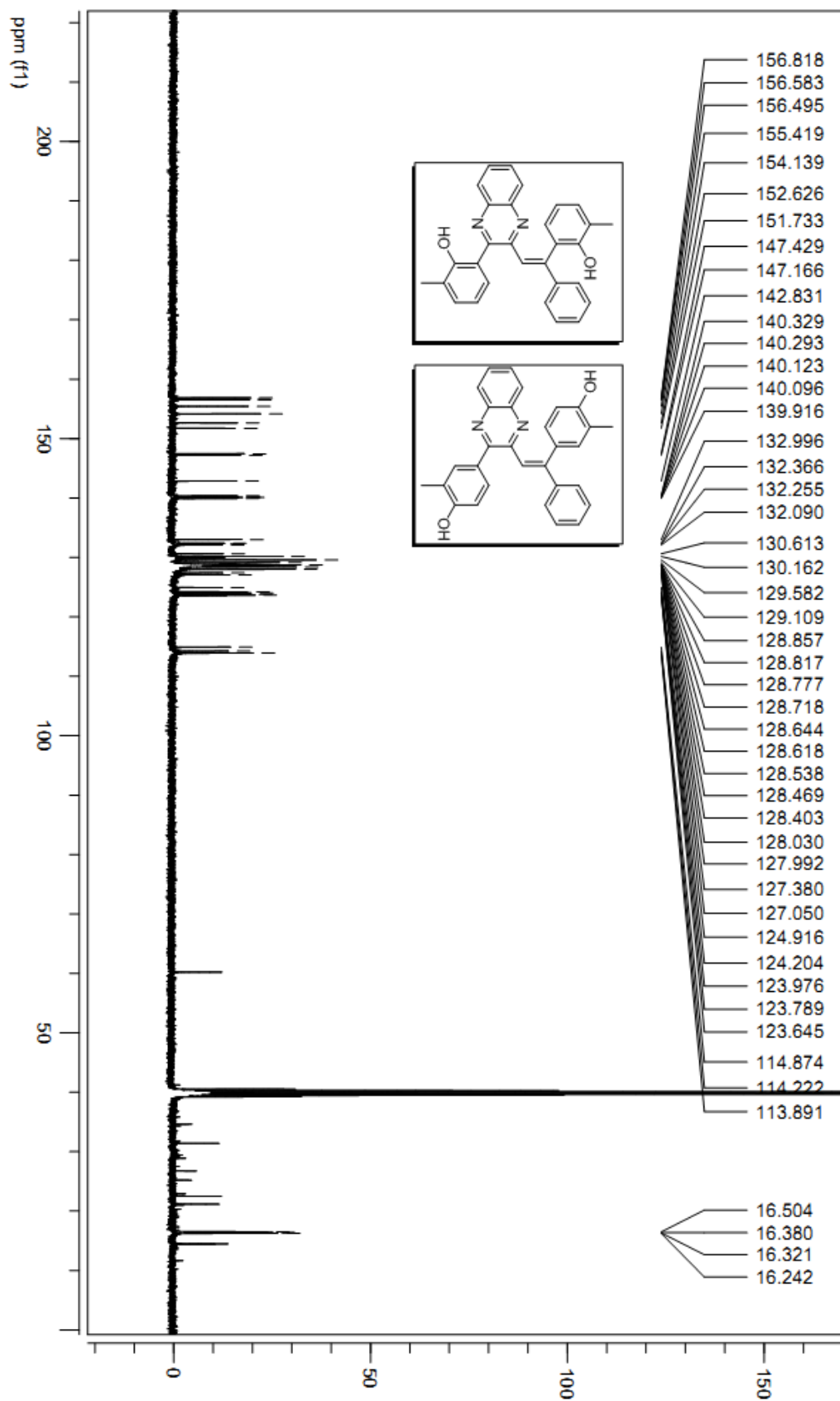
^{13}C NMR (100 MHz, CDCl_3) - **4ae**



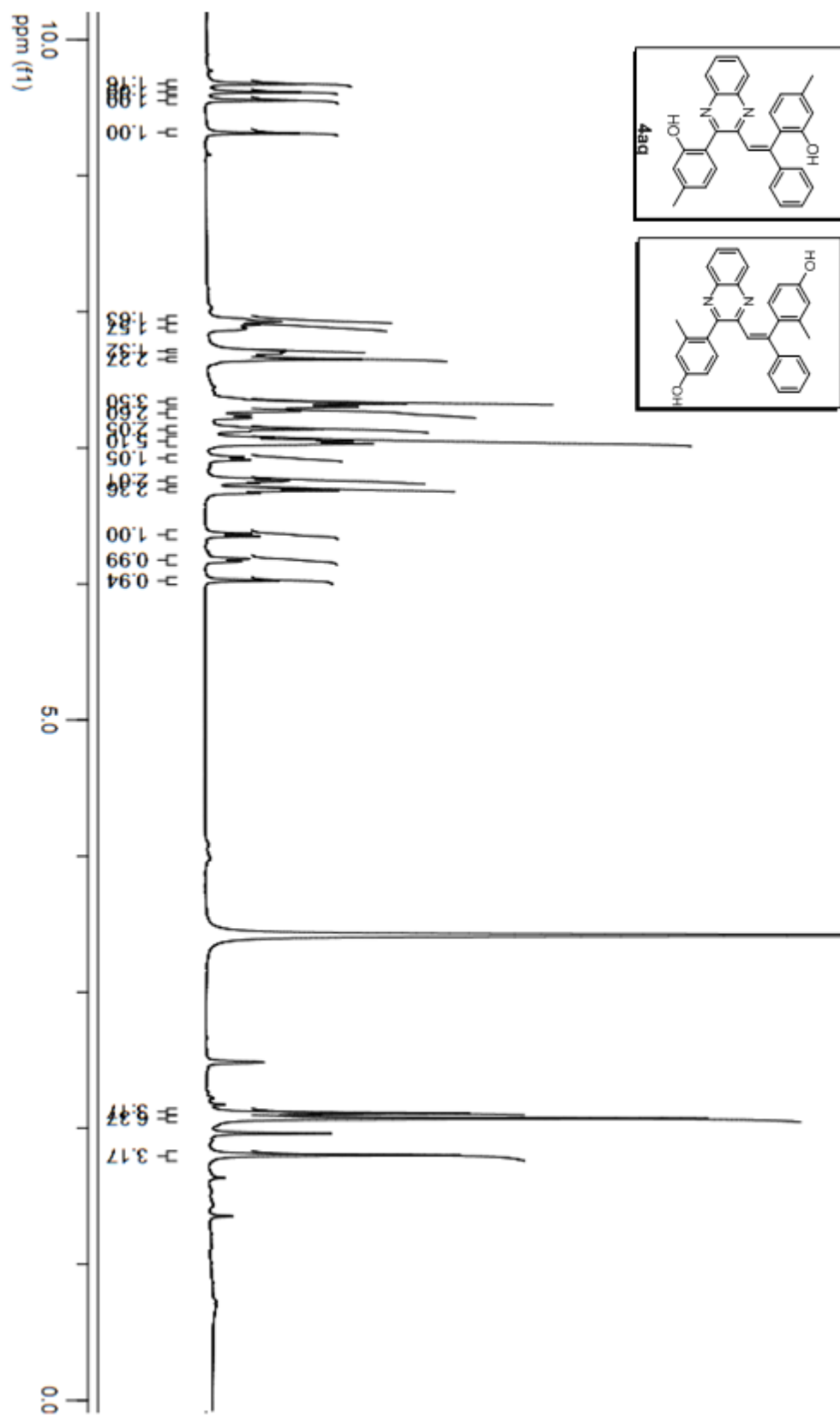
^1H NMR (400 MHz, DMSO- d_6) - **4af** (mixture)



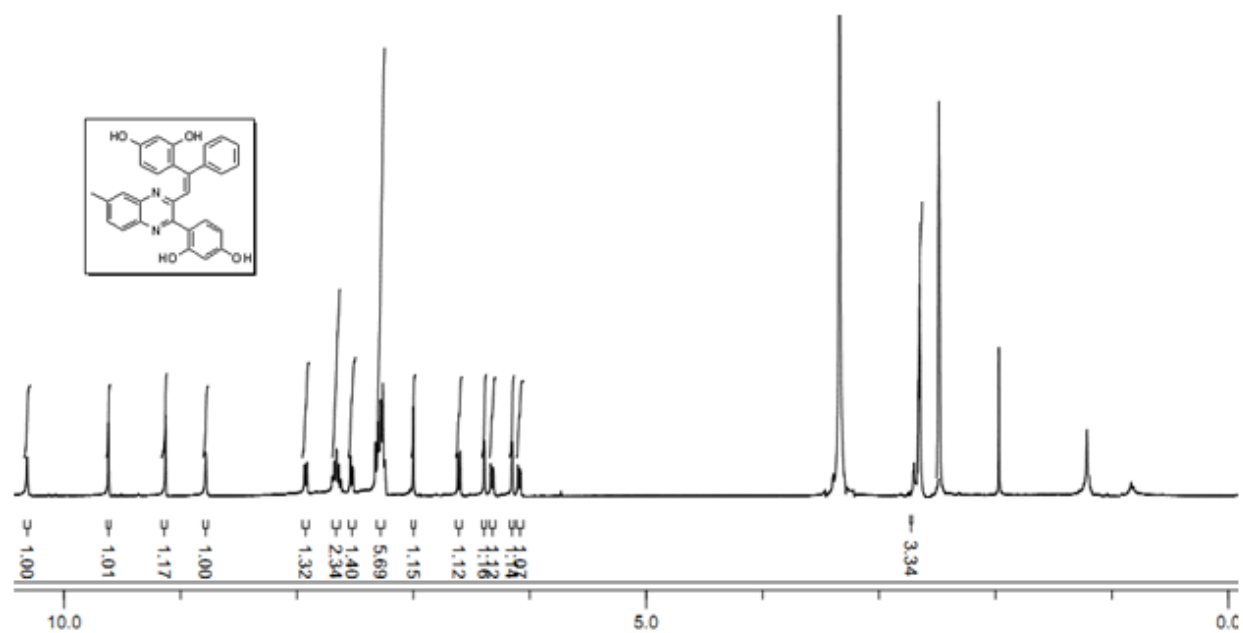
^{13}C NMR (100 MHz, $\text{DMSO}-d_6$) - **4af** (mixture)



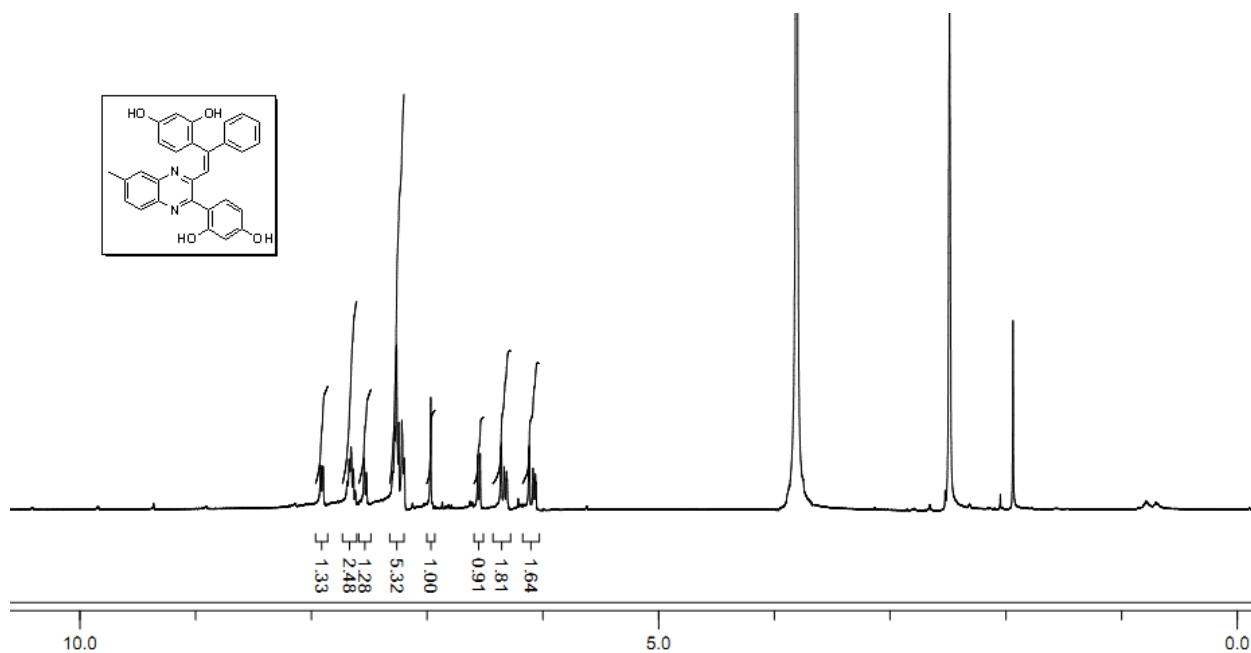
^1H NMR (400 MHz, $\text{DMSO}-d_6$) - **4ag** (mixture)



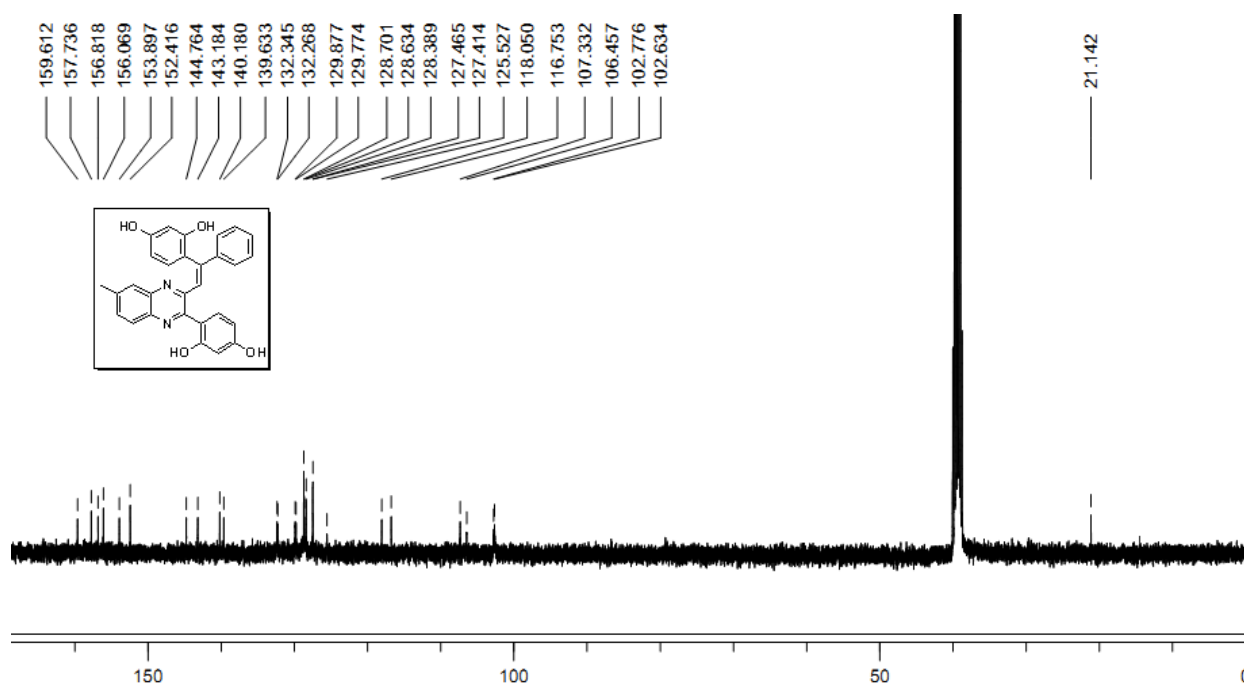
^1H NMR (400 MHz, $\text{DMSO}-d_6$) – **4ba**



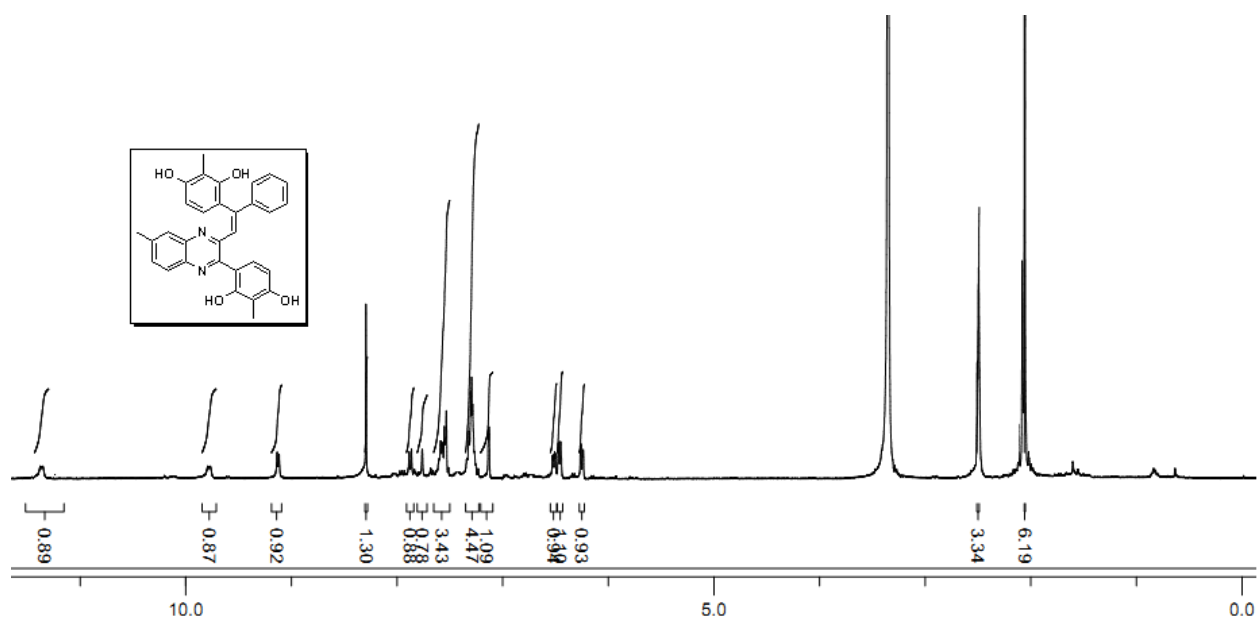
D_2O exchange - ^1H NMR (400 MHz, $\text{DMSO}-d_6$) – **4ba**



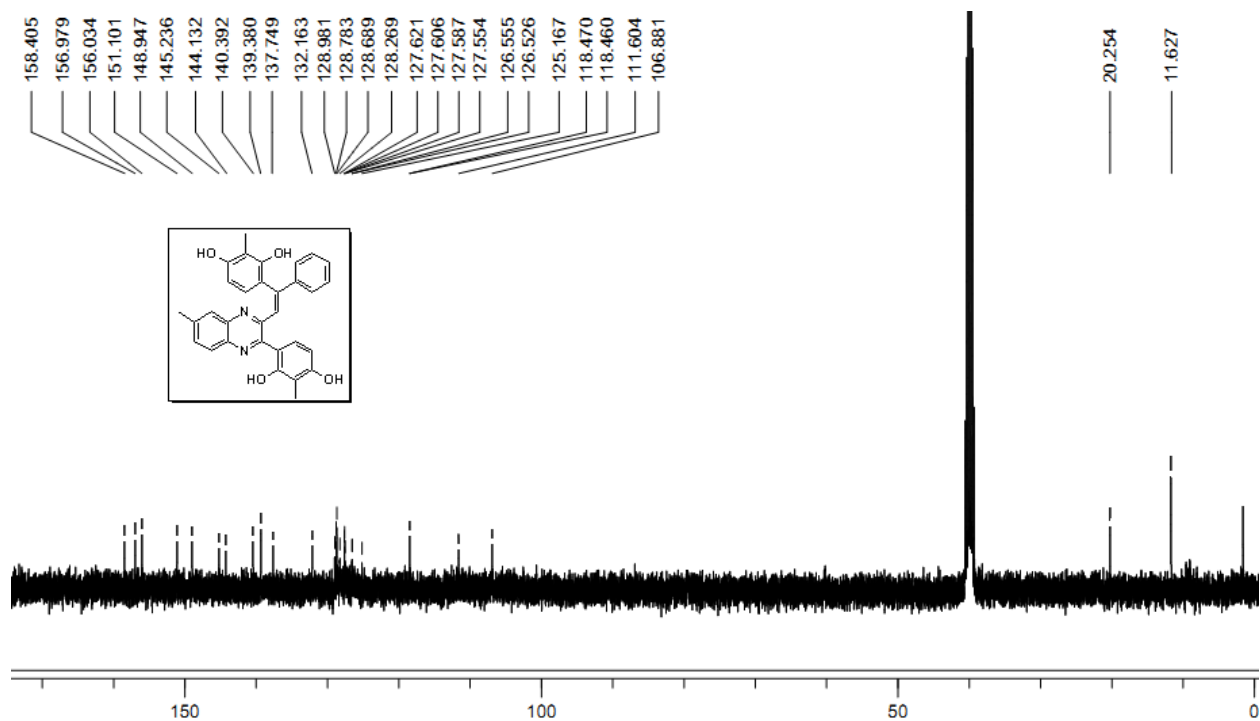
^{13}C NMR (100 MHz, $\text{DMSO}-d_6$)– **4ba**



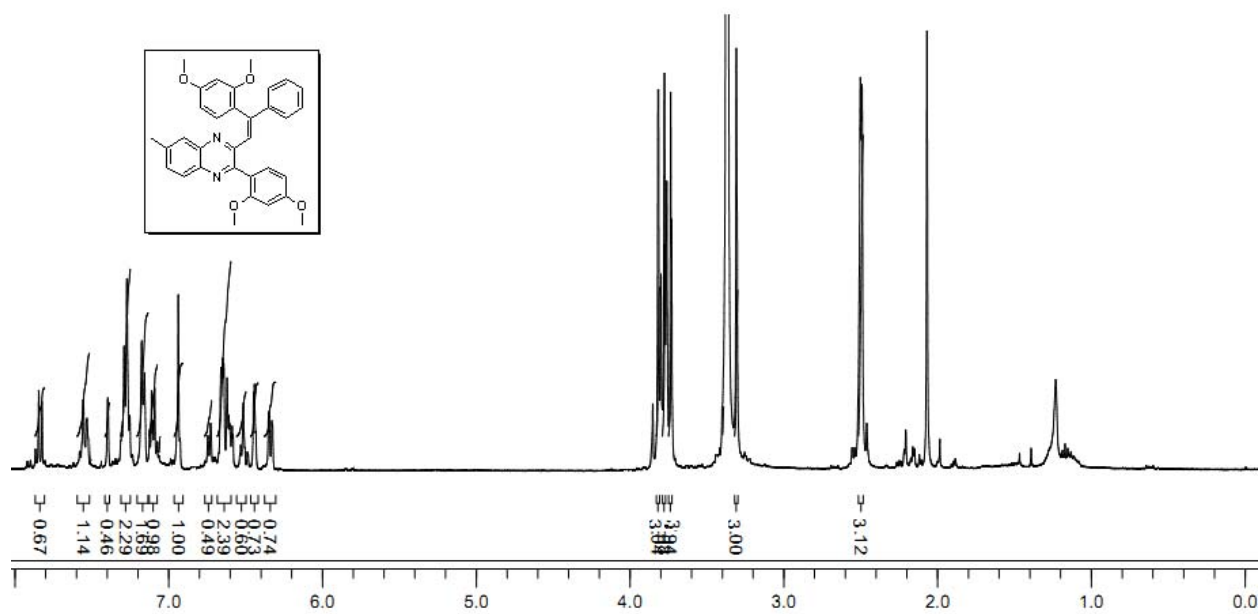
^1H NMR (400 MHz, $\text{DMSO}-d_6$)– **4bb**



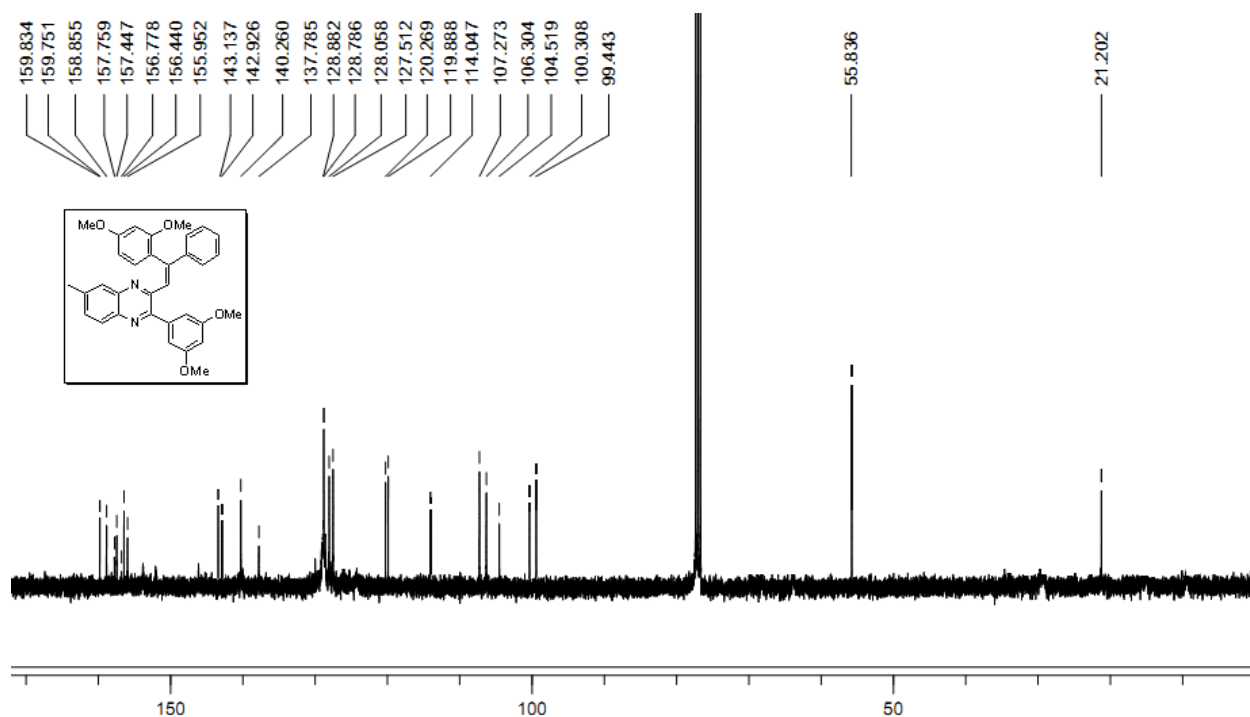
^{13}C NMR (100 MHz, $\text{DMSO}-d_6$)– **4bb**



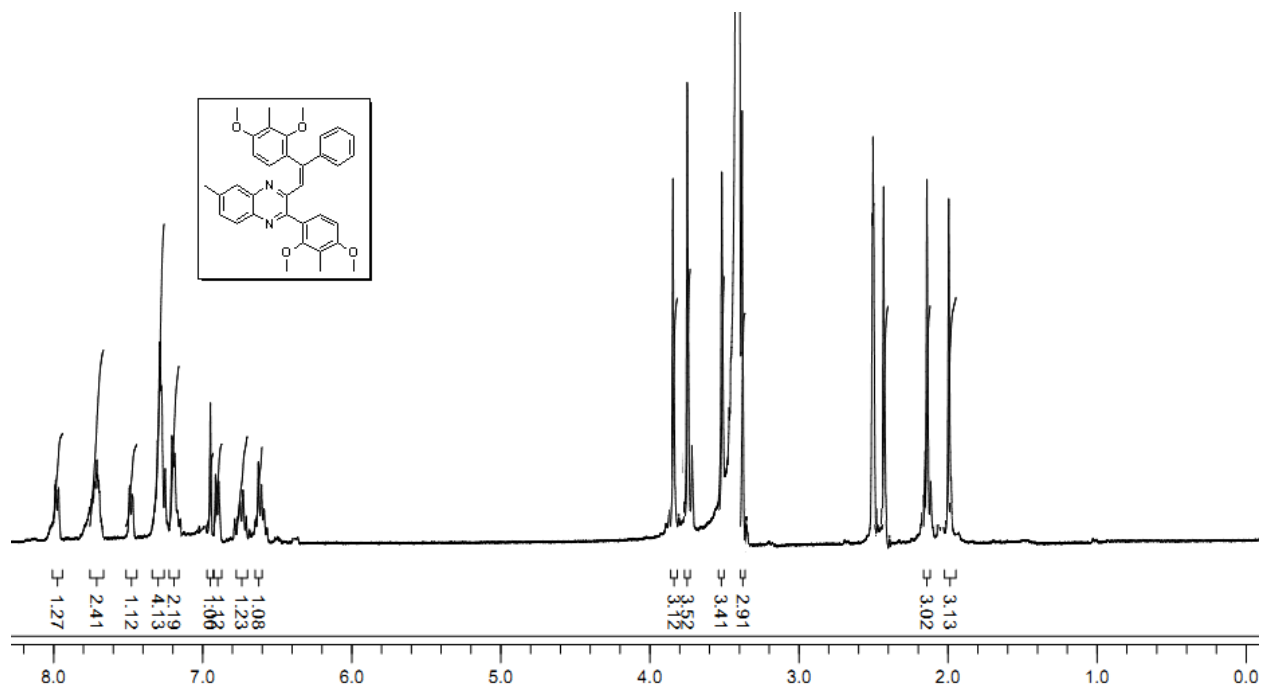
¹H NMR (400 MHz, DMSO-*d*₆)– **4bc**



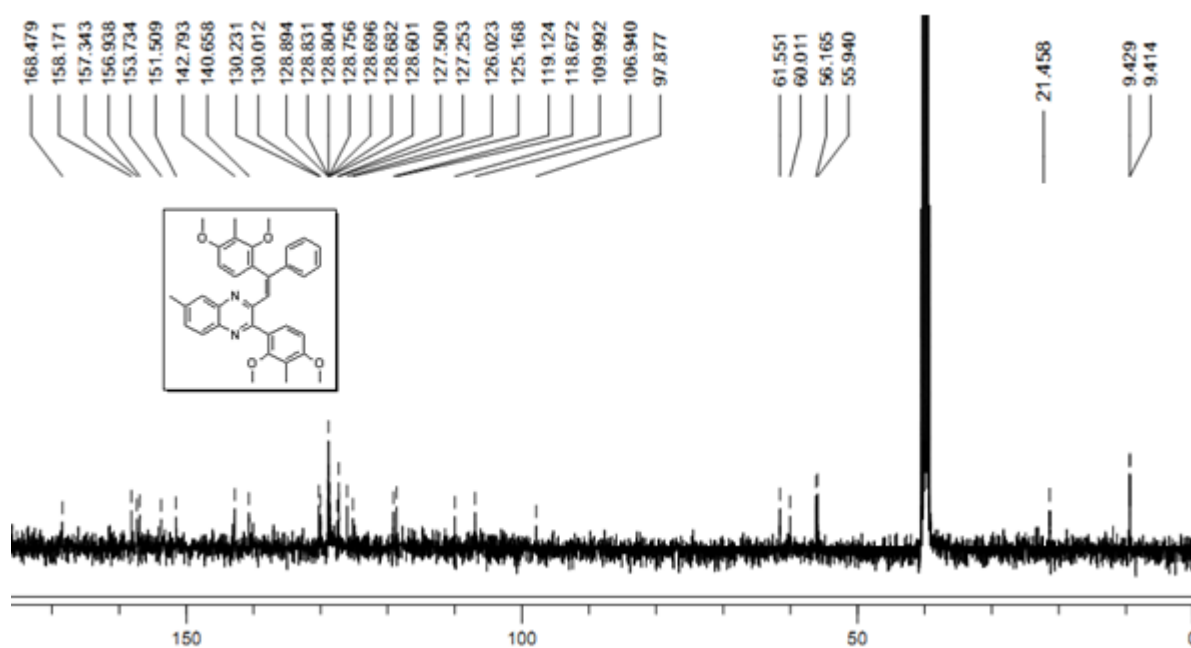
^{13}C NMR (100 MHz, $\text{DMSO}-d_6$)– **4bc**



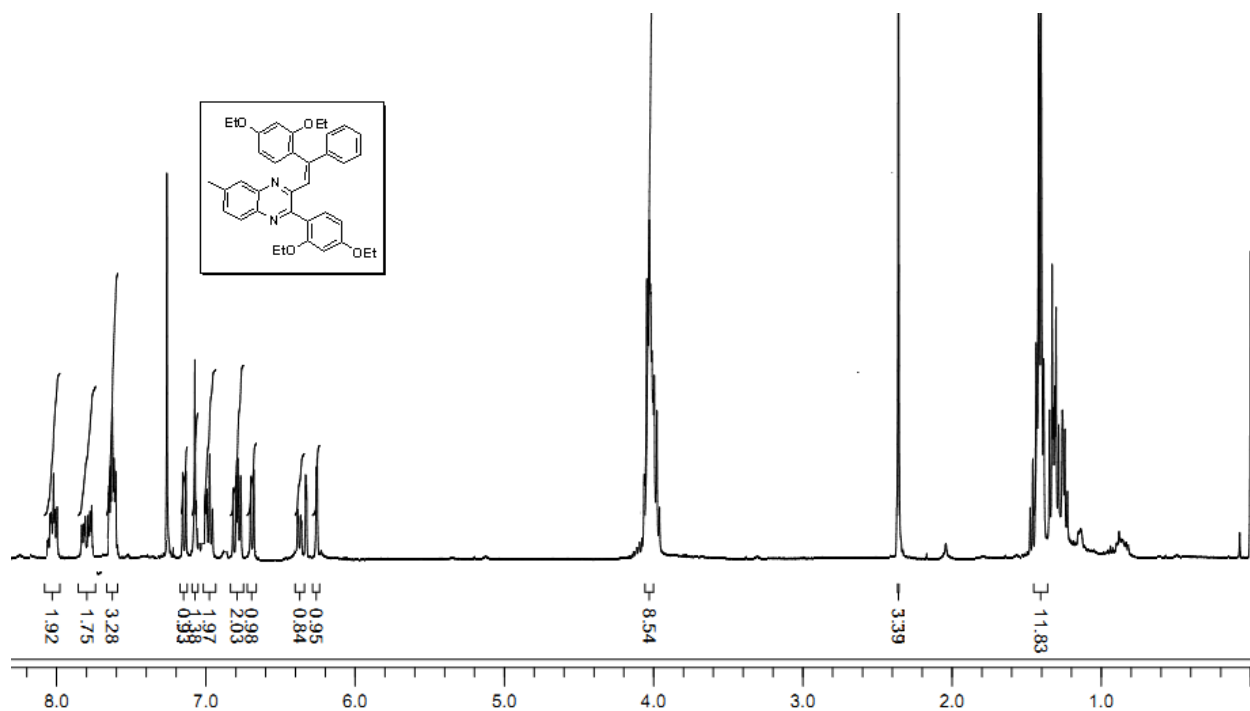
^1H NMR (400 MHz, $\text{DMSO}-d_6$)– **4bd**



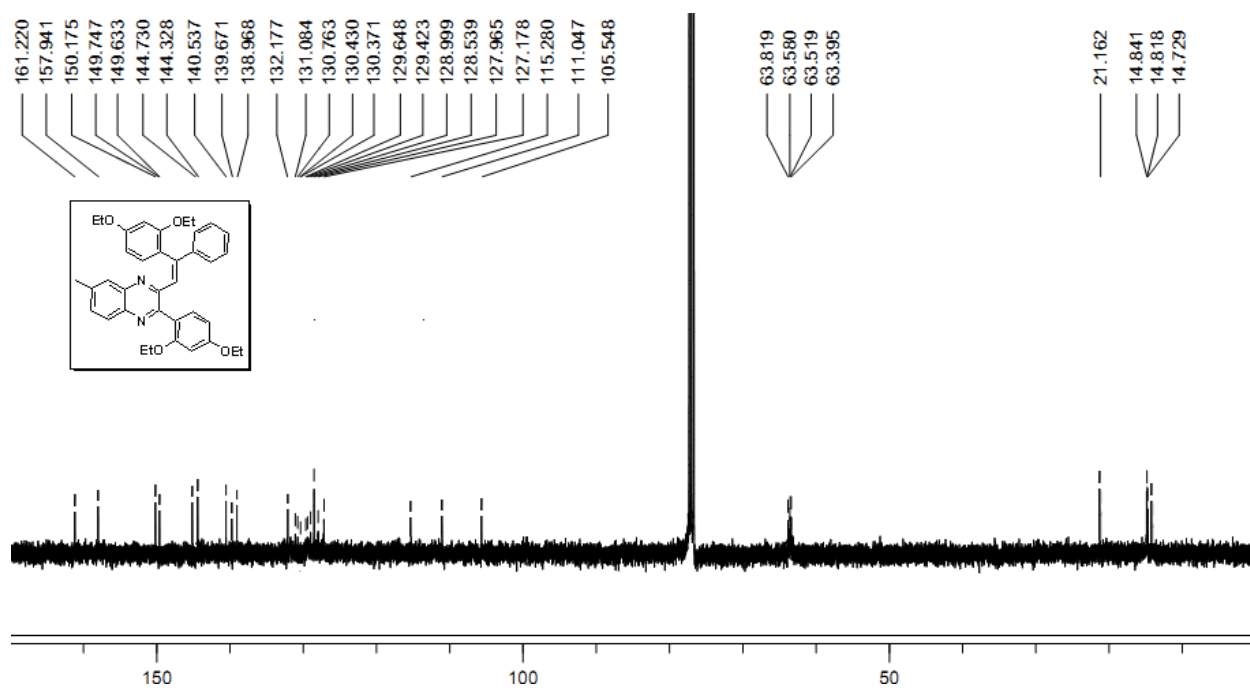
^{13}C NMR (100 MHz, $\text{DMSO}-d_6$) – **4bd**



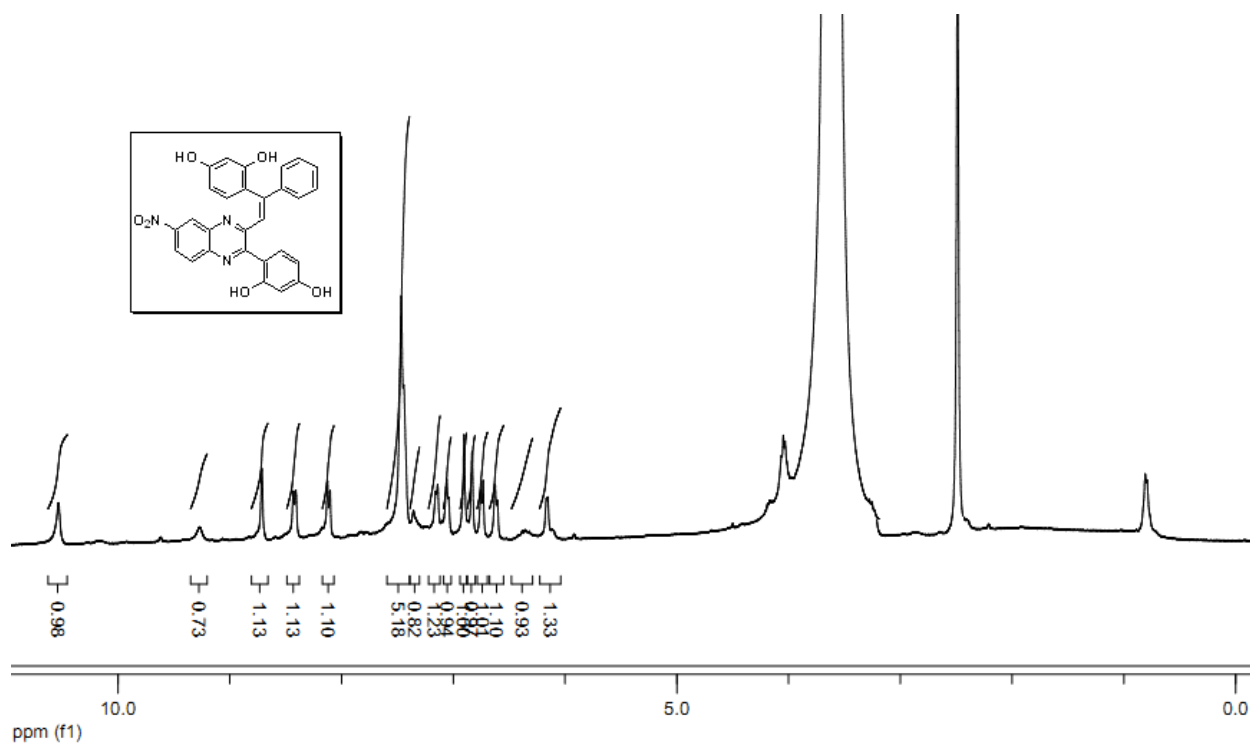
^1H NMR (400 MHz, CDCl_3) – **4be**



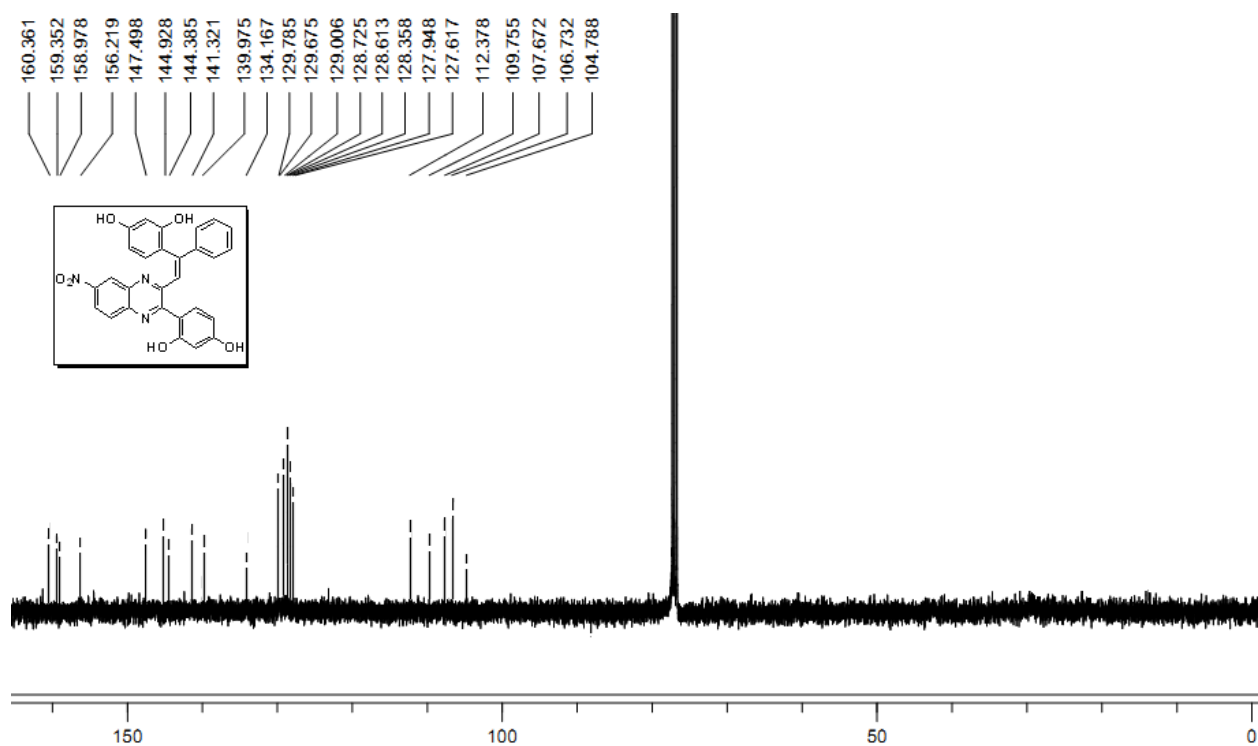
^{13}C NMR (400 MHz, CDCl_3) – **4be**



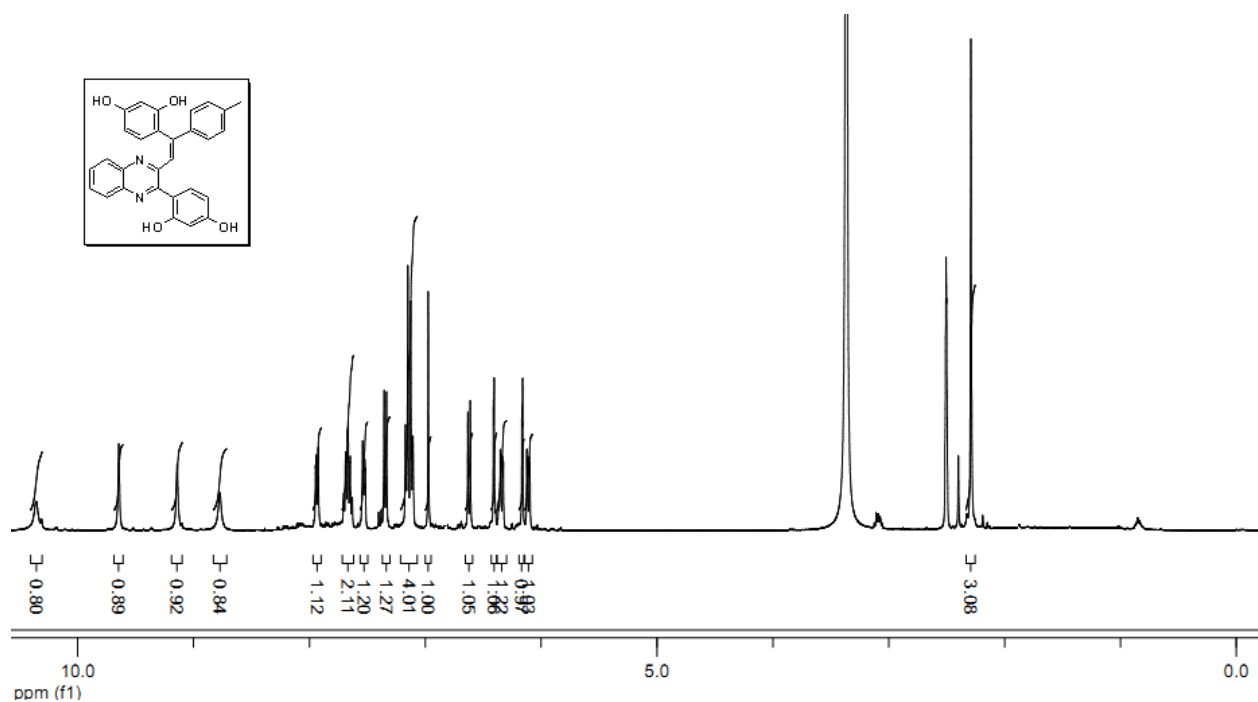
^1H NMR (400 MHz, $\text{DMSO}-d_6$) – **4ca**



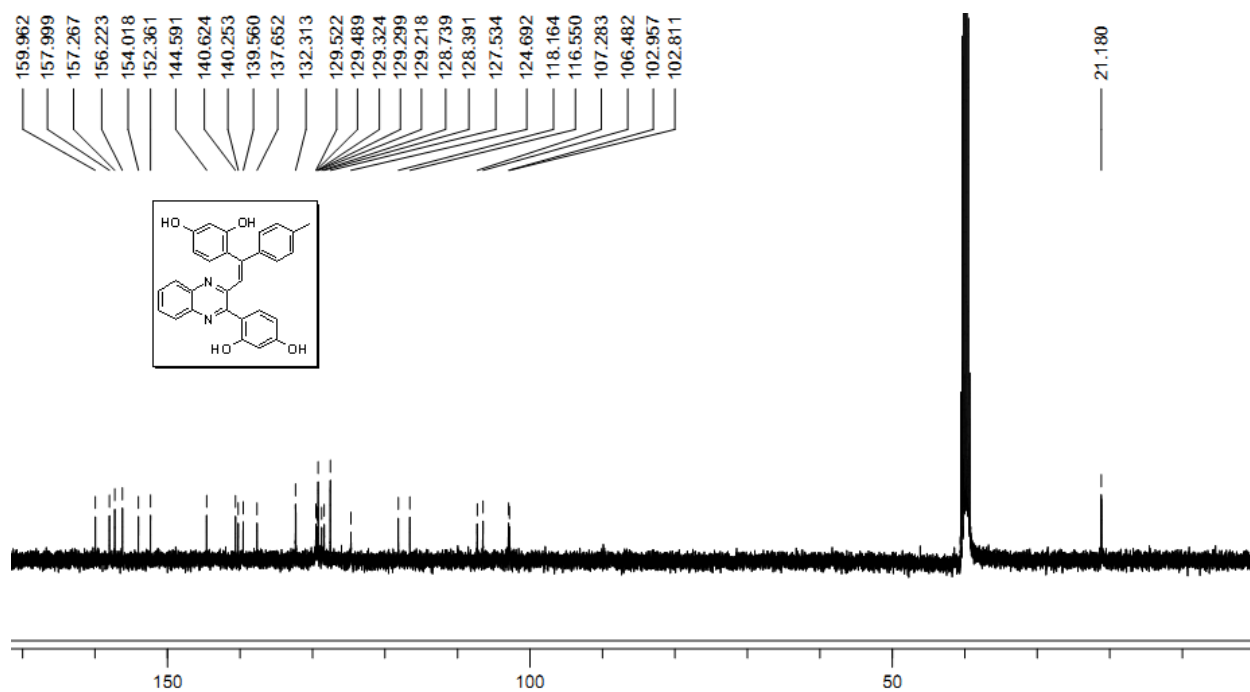
^{13}C NMR (100 MHz, $\text{DMSO}-d_6$) – **4ca**



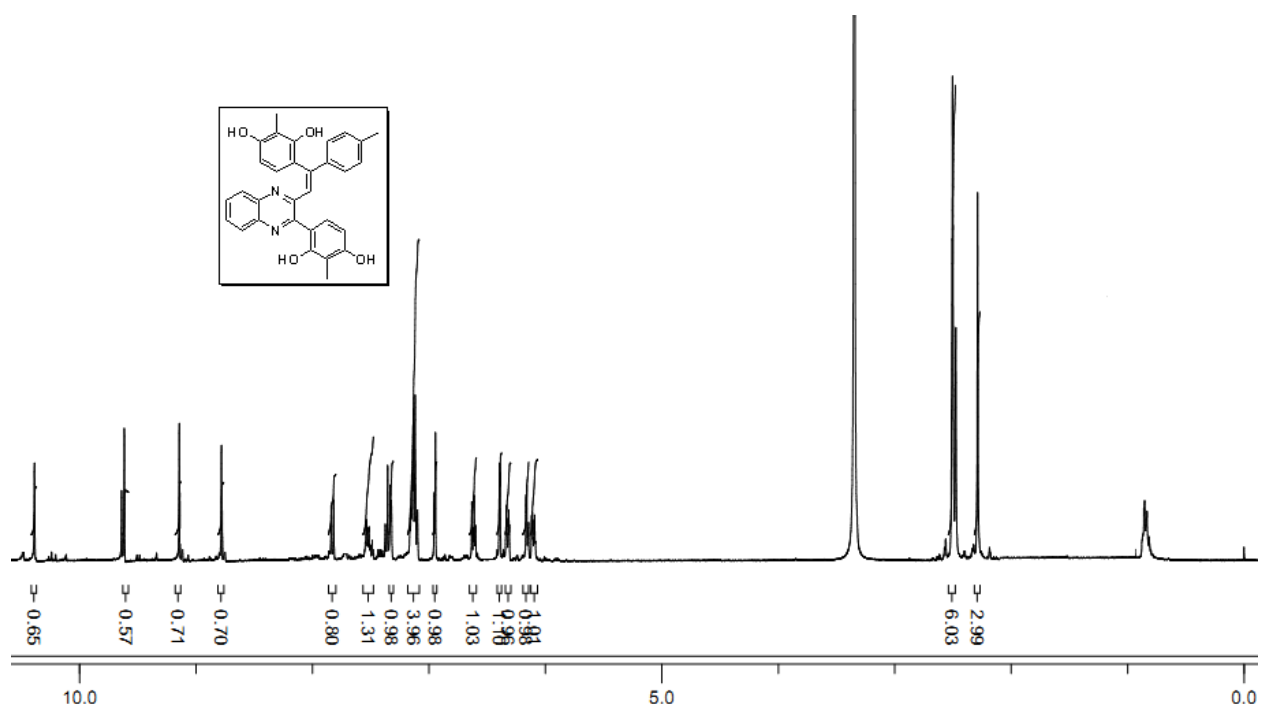
^1H NMR (400 MHz, $\text{DMSO}-d_6$) – **4da**



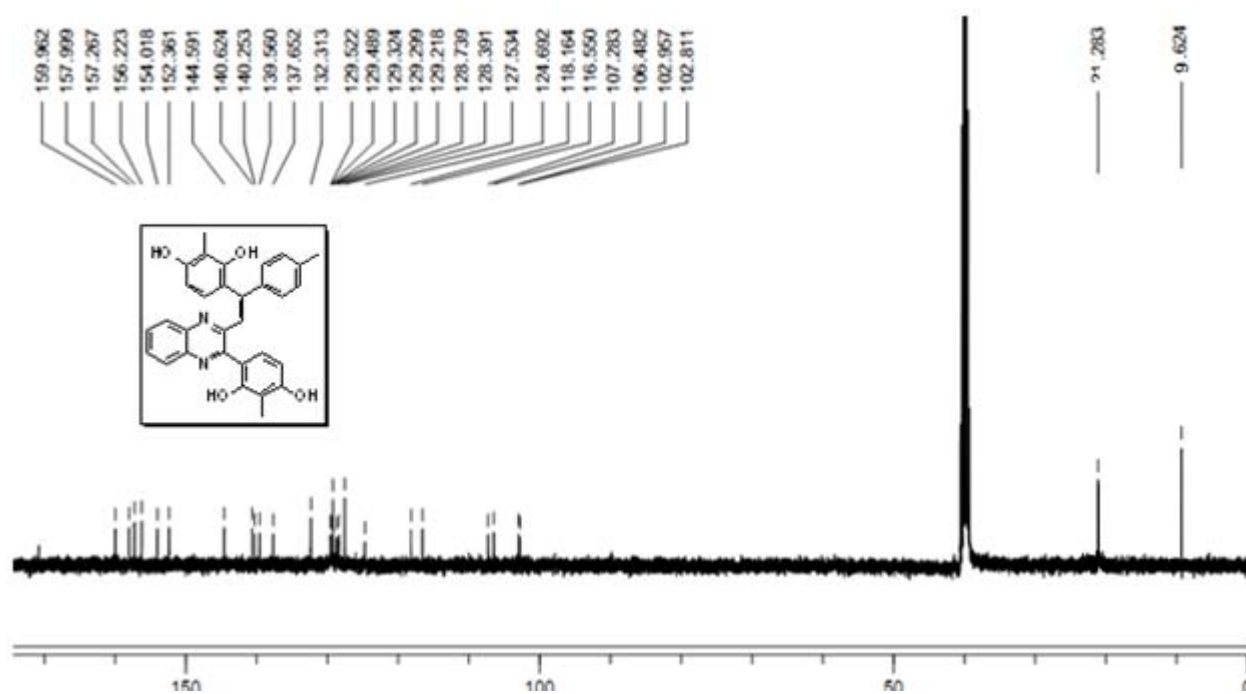
^{13}C NMR (100 MHz, $\text{DMSO}-d_6$) – **4da**



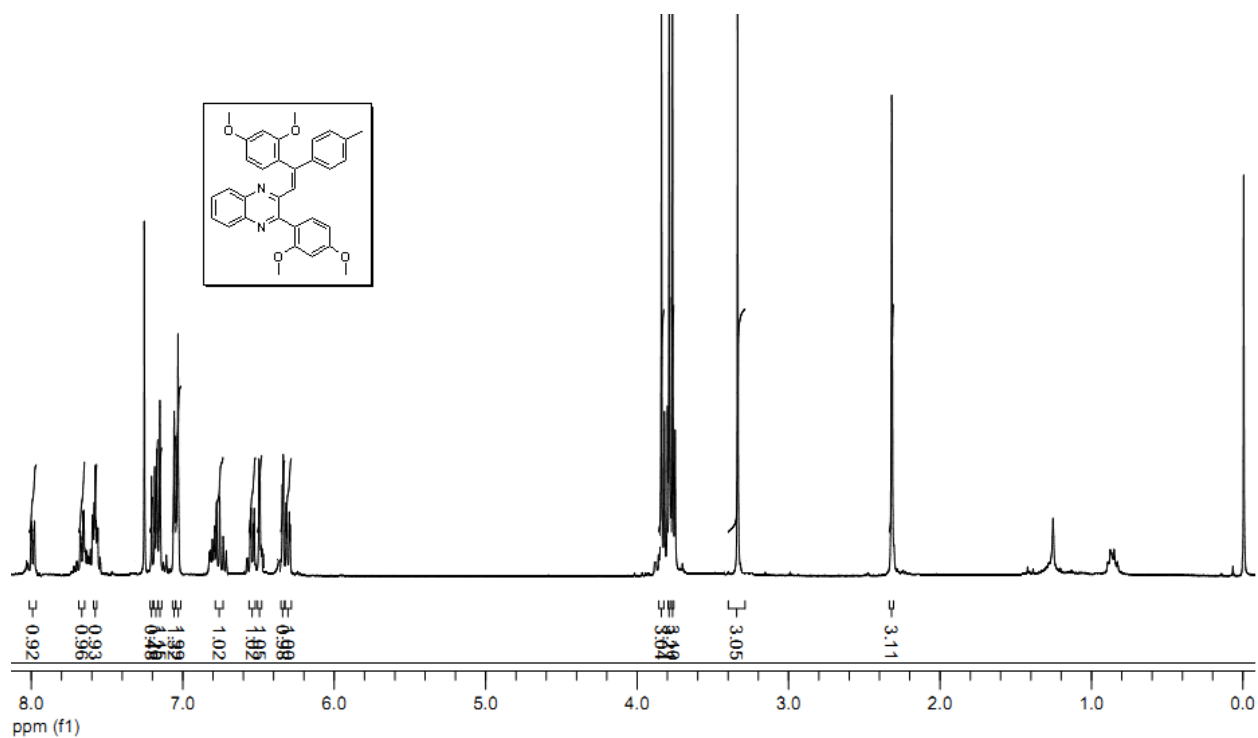
^1H NMR (400 MHz, $\text{DMSO}-d_6$) – **4db**



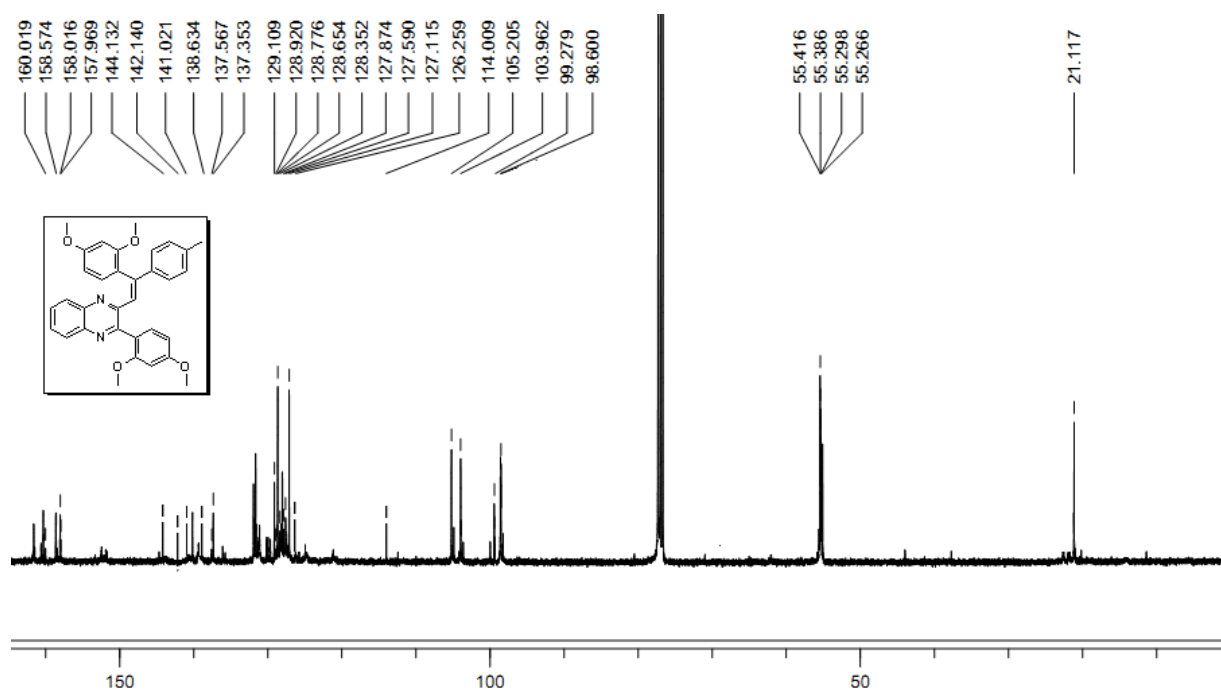
^{13}C NMR (100 MHz, $\text{DMSO}-d_6$) – **4db**



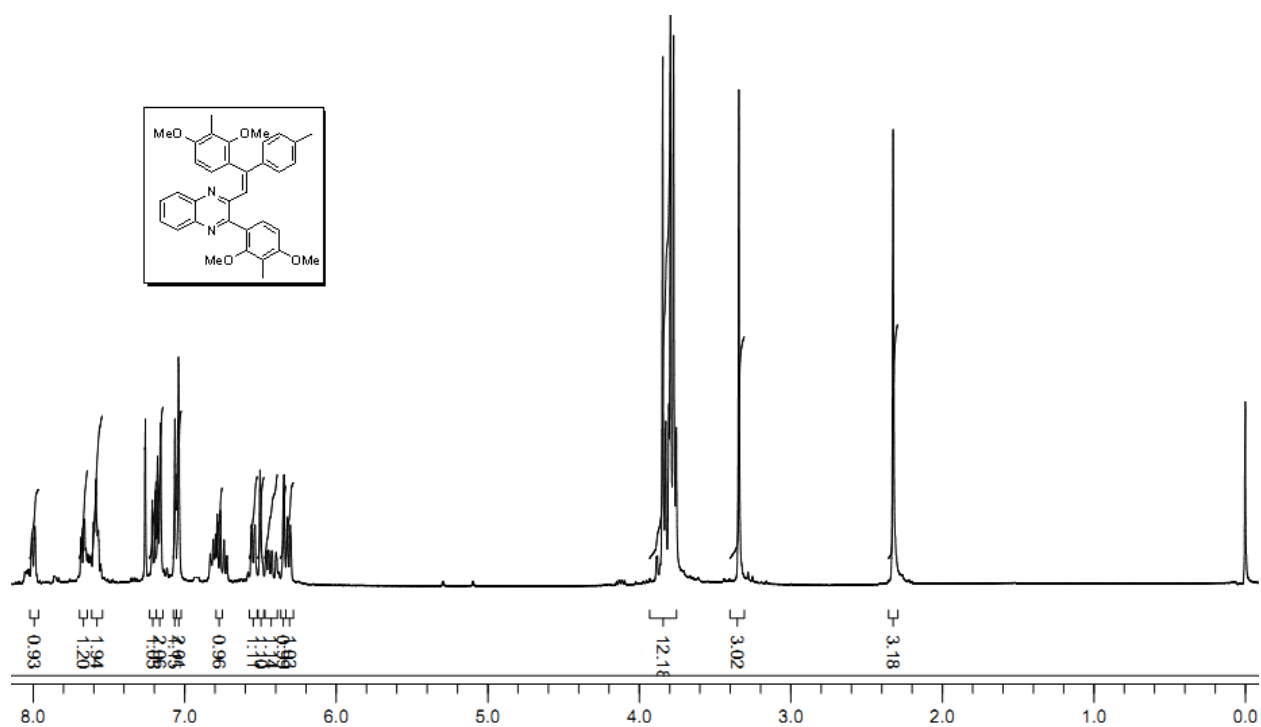
^1H NMR (400 MHz, CDCl_3) – **4dc**



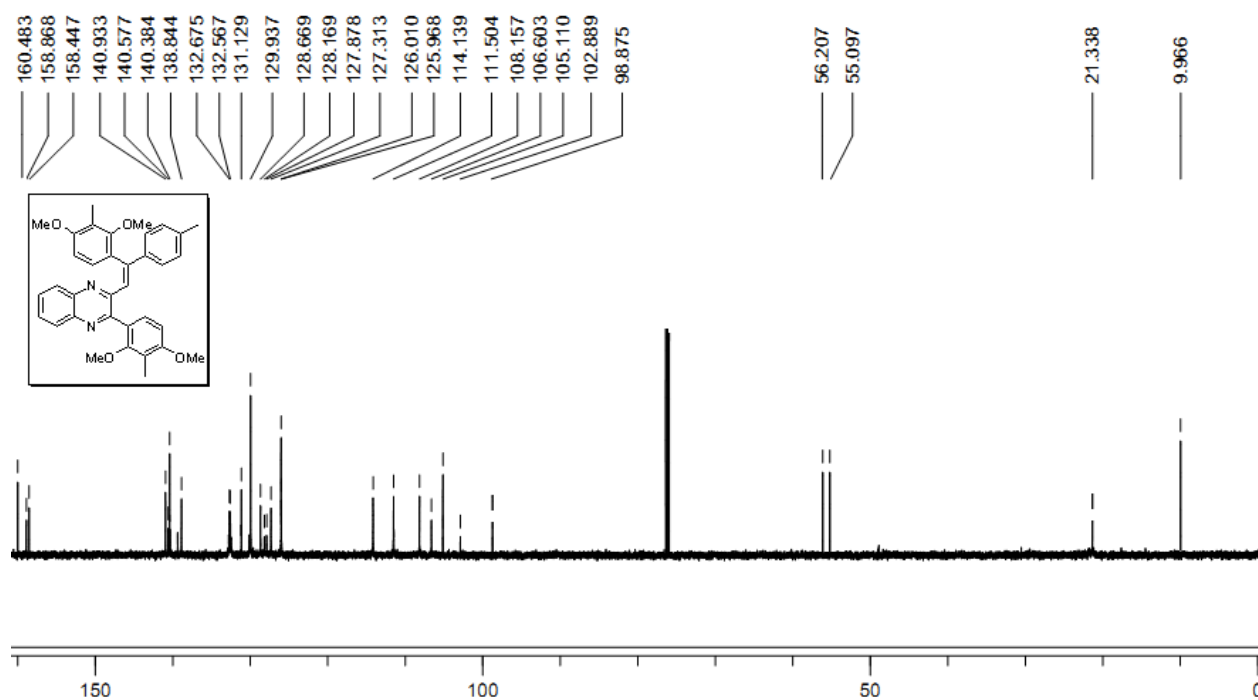
^{13}C NMR (400 MHz, CDCl_3) – **4dc**



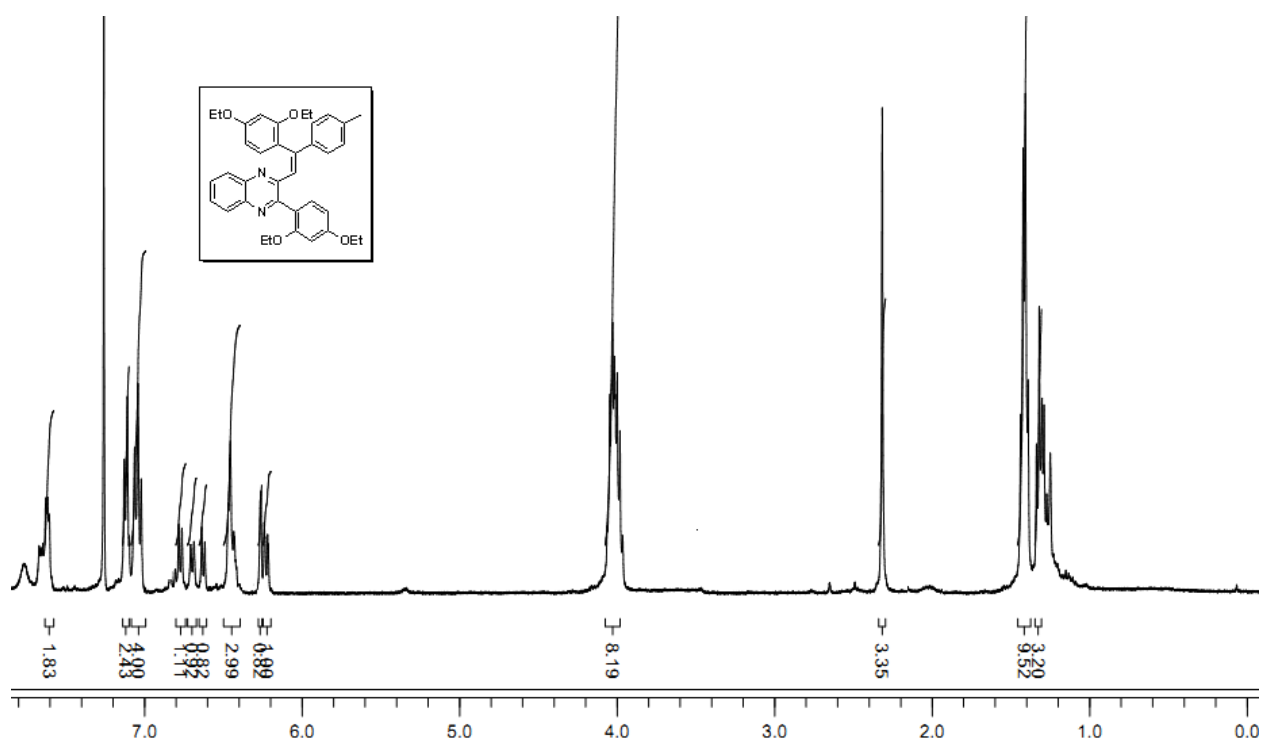
^1H NMR (400 MHz, CDCl_3) – **4dd**



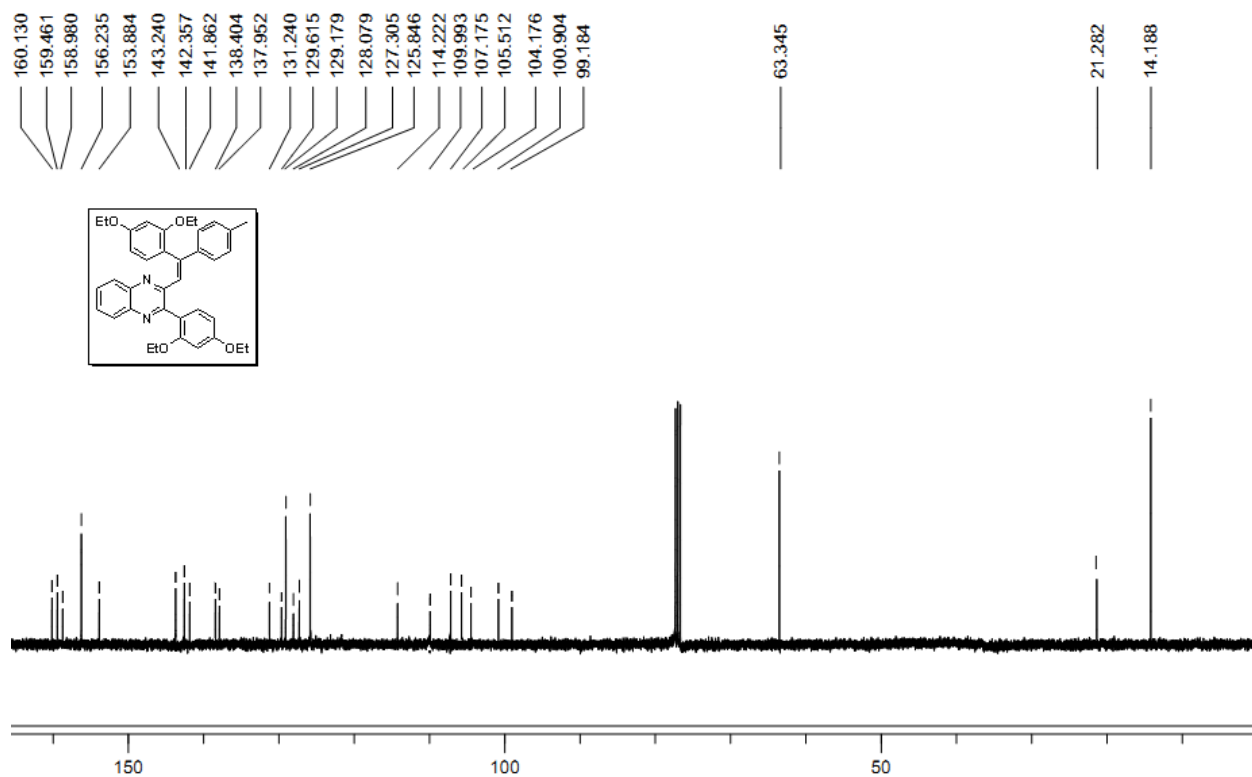
^{13}C NMR (100 MHz, CDCl_3) – **4dd**



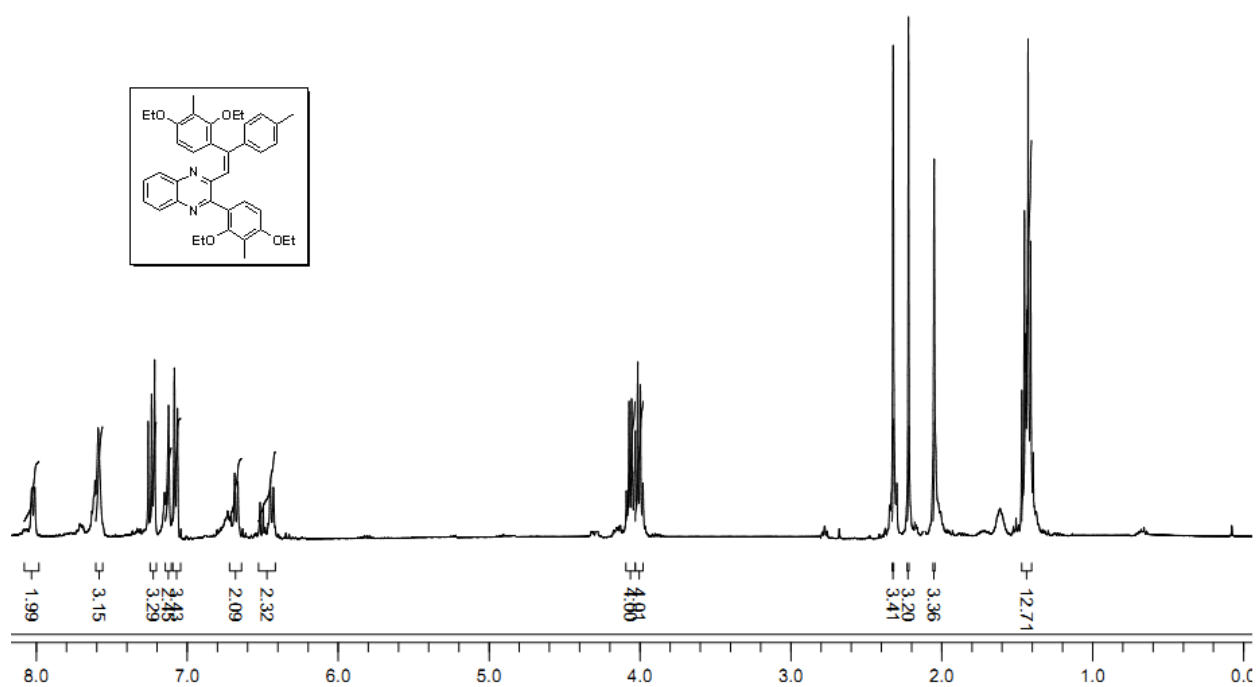
^1H NMR (400 MHz, CDCl_3) – **4de**



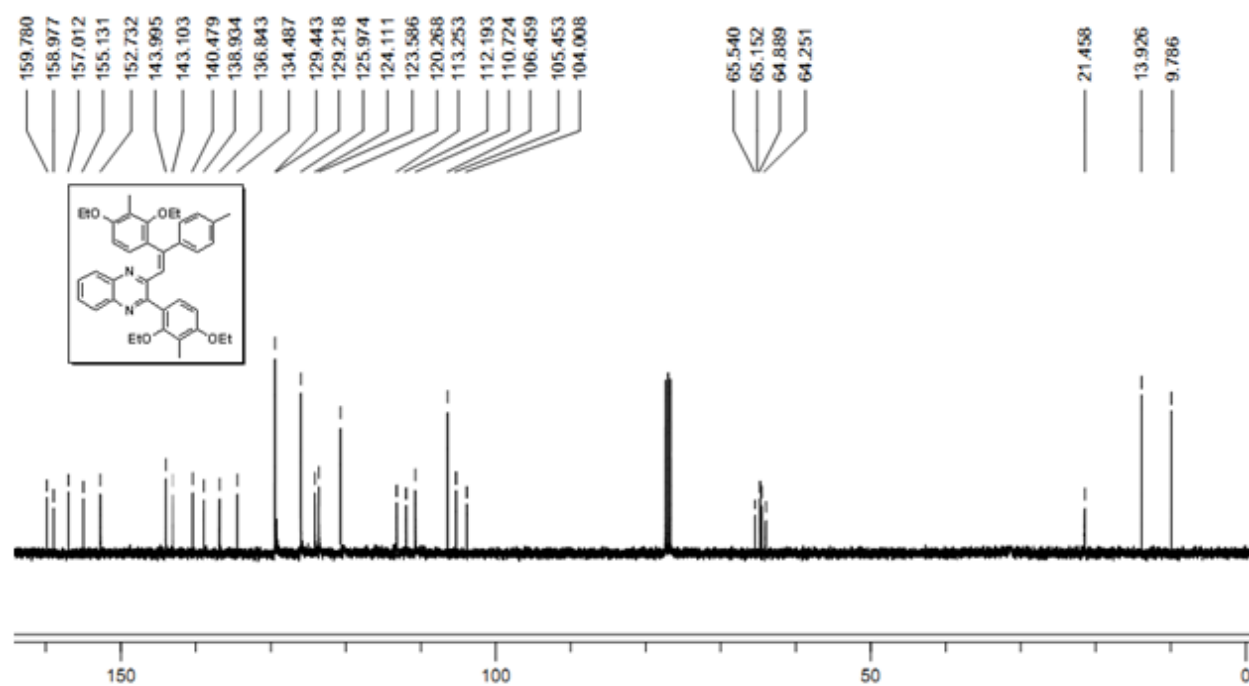
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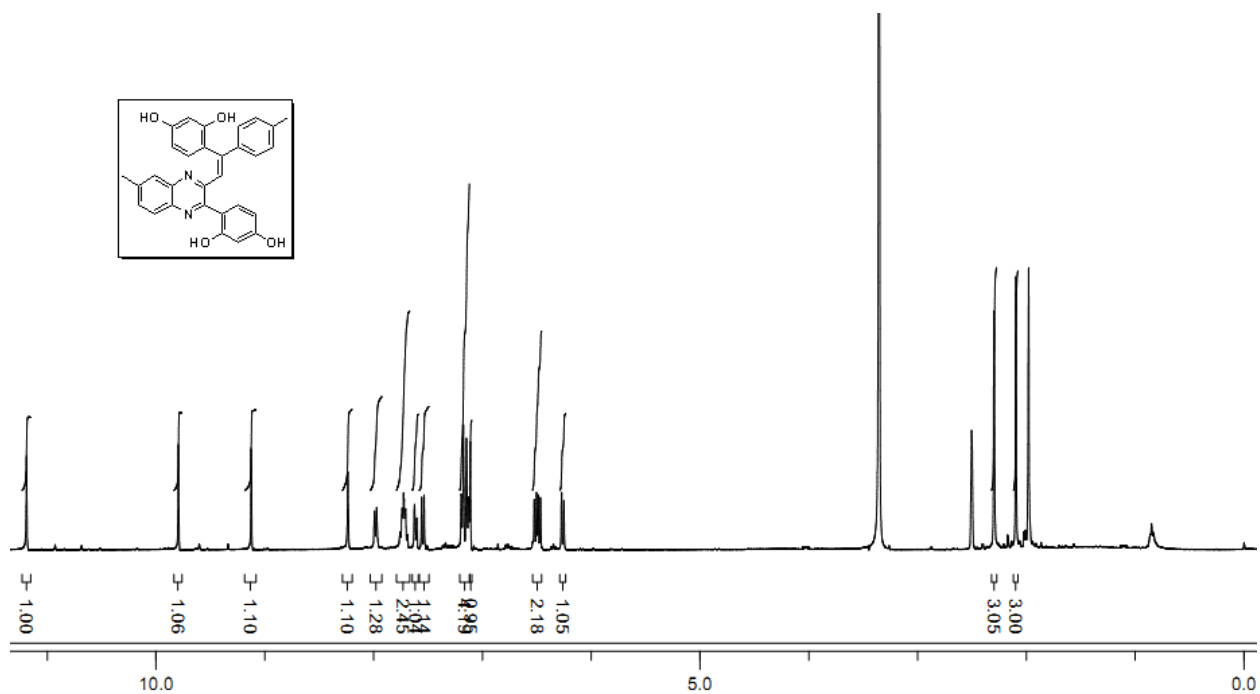
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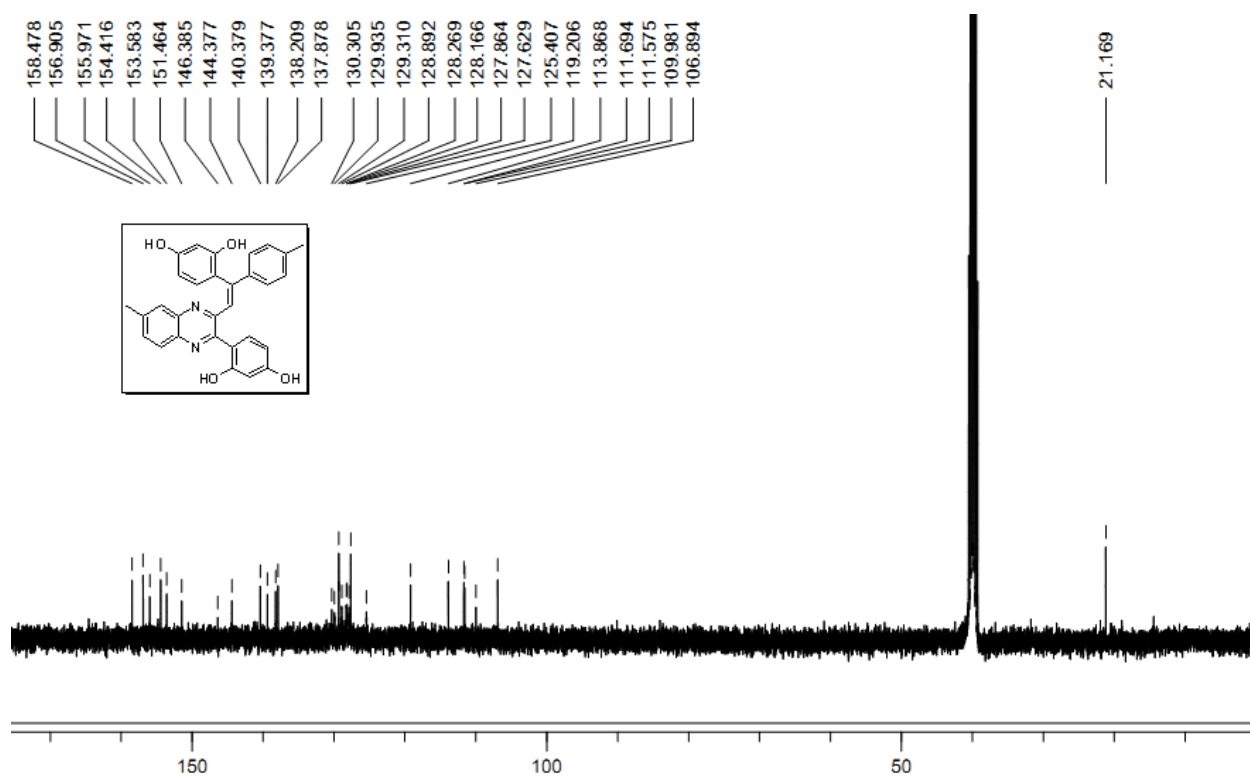
^{13}C NMR (100 MHz, CDCl_3) – **4dh**



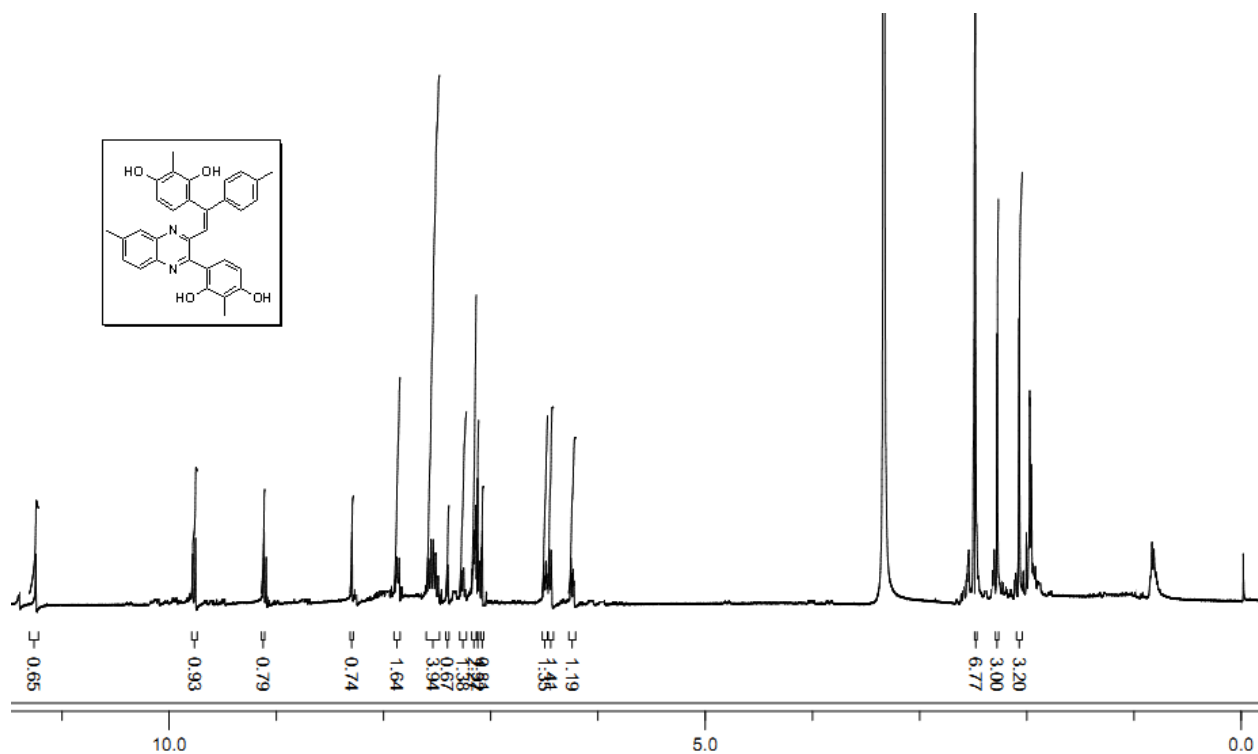
^1H NMR (400 MHz, $\text{DMSO}-d_6$) – **4ea**



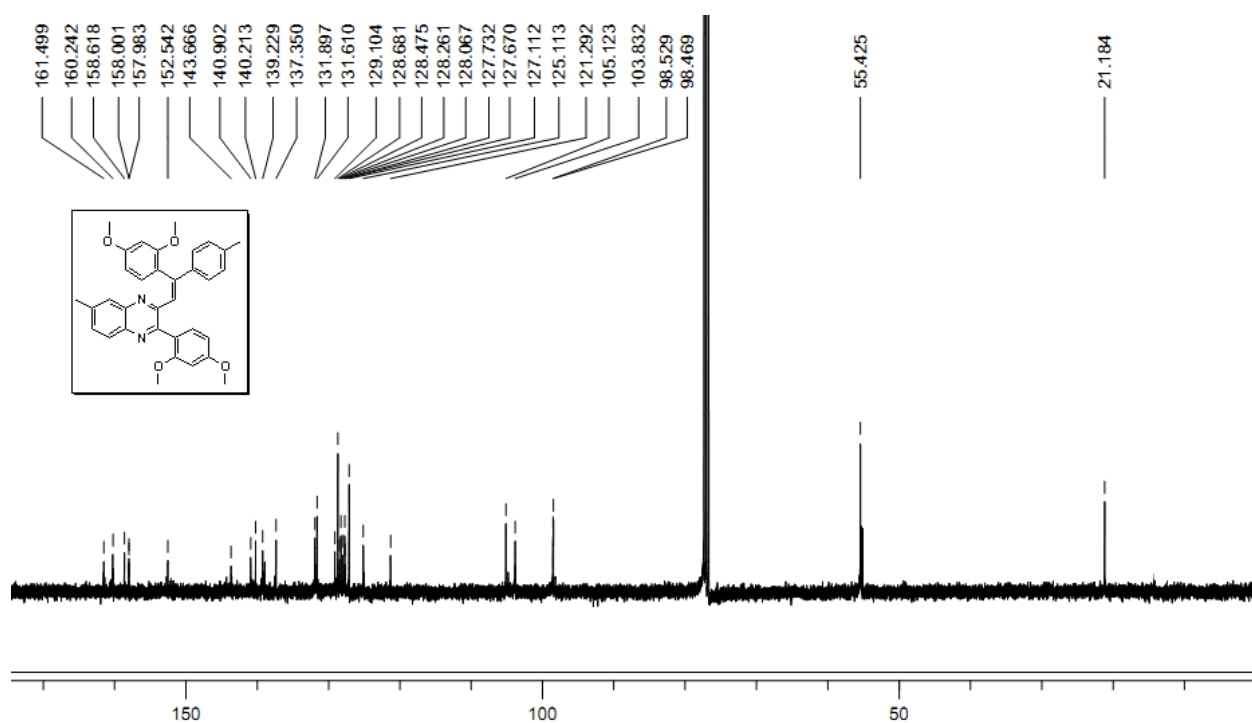
^{13}C NMR (100 MHz, $\text{DMSO}-d_6$) – **4ea**



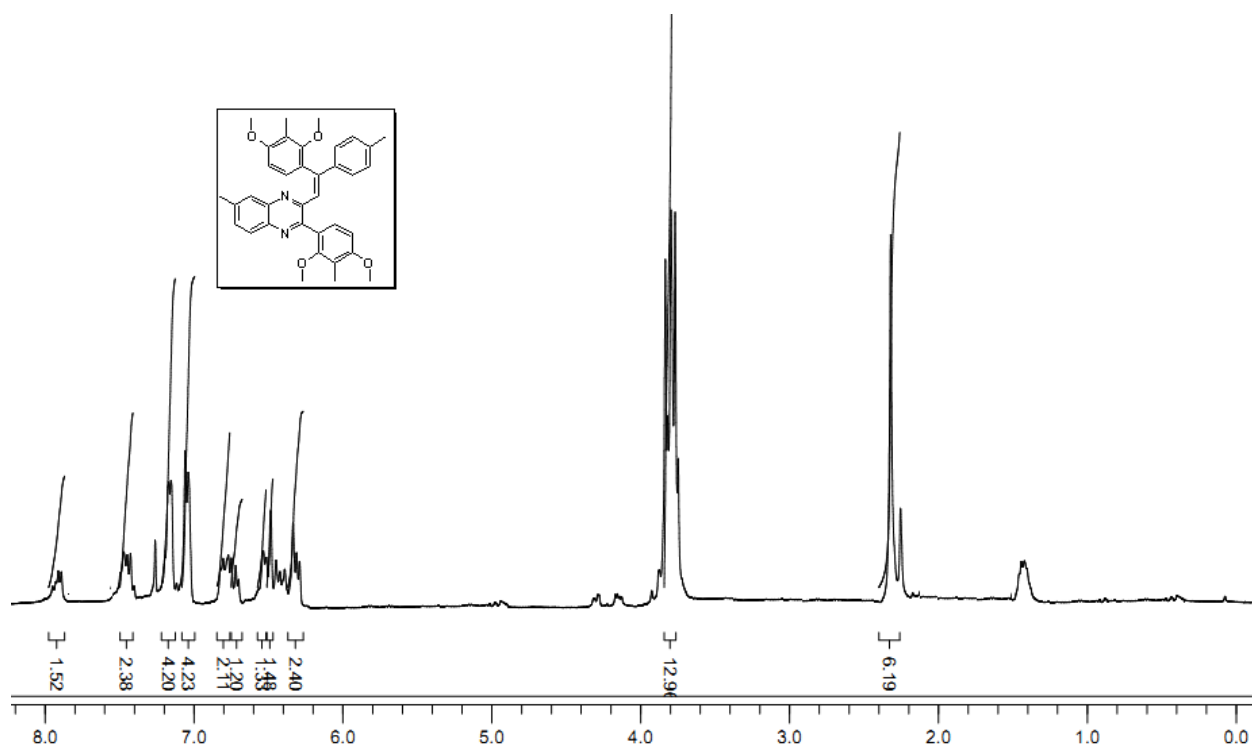
^1H NMR (400 MHz, $\text{DMSO}-d_6$) – **4eb**



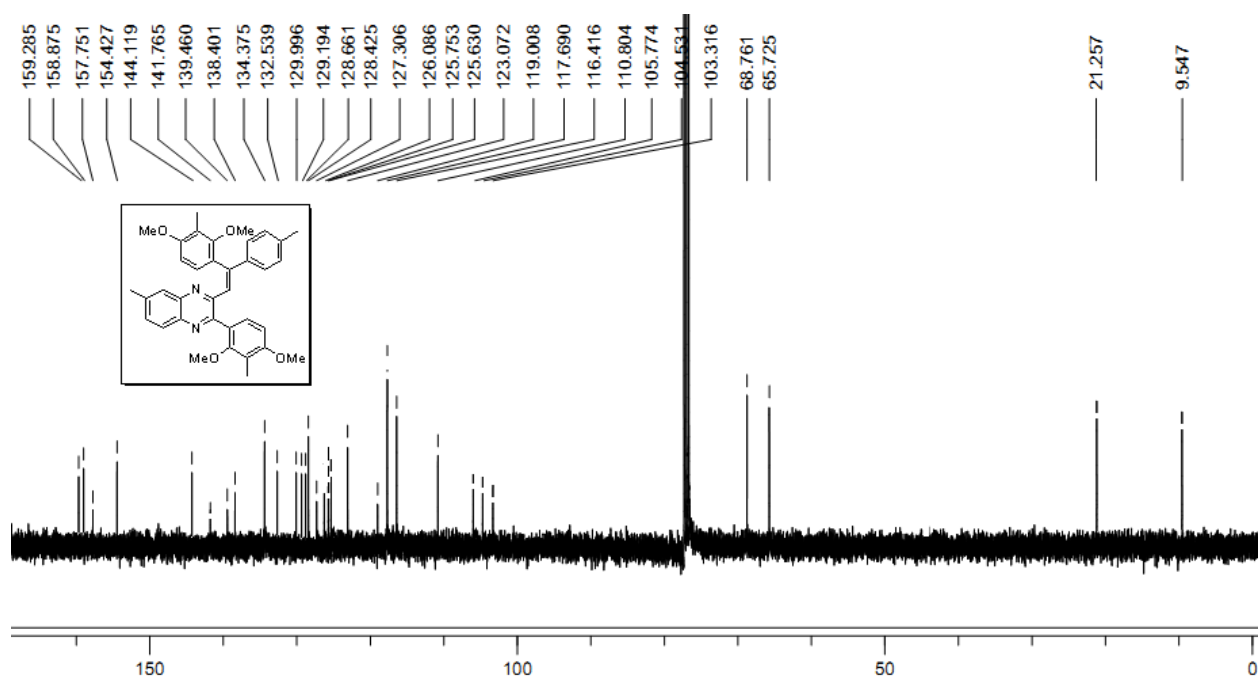
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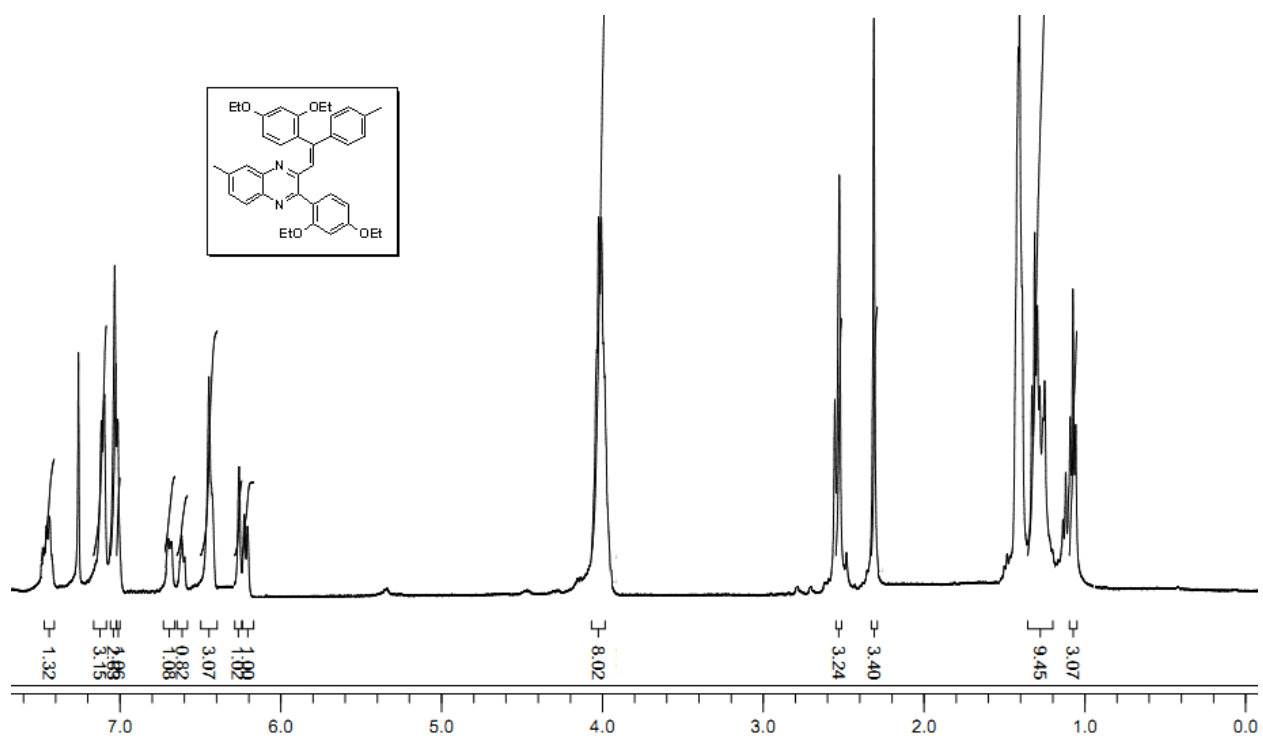
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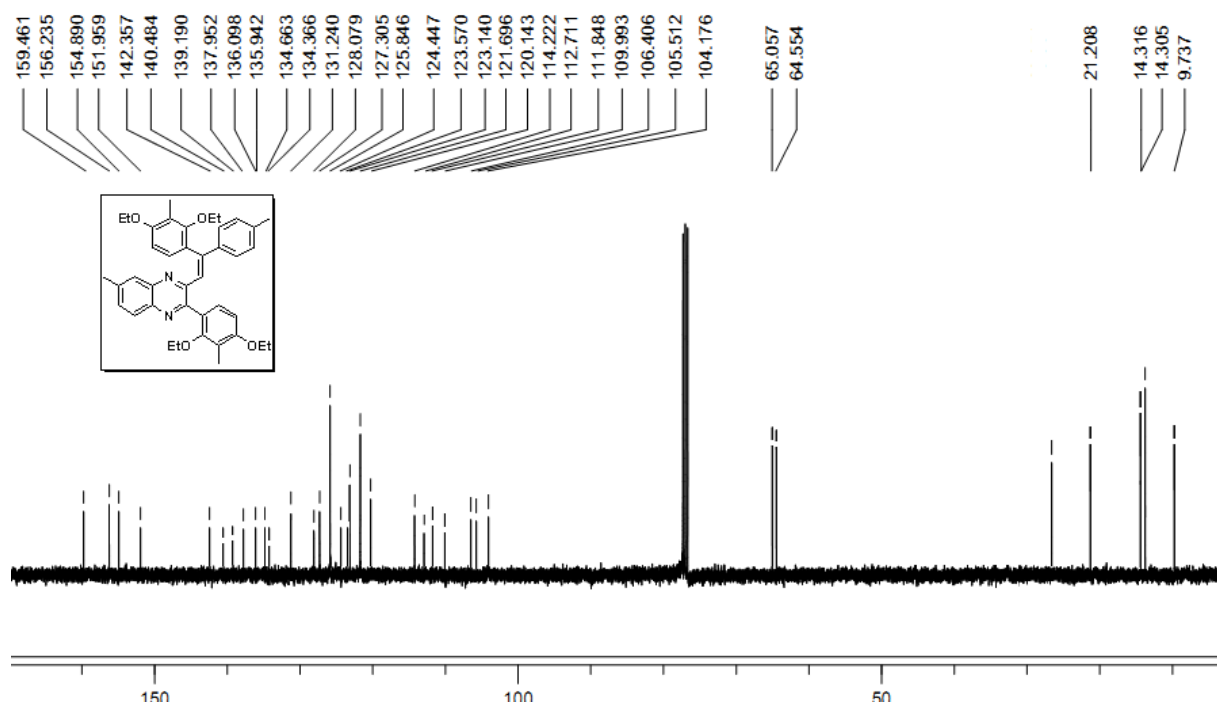
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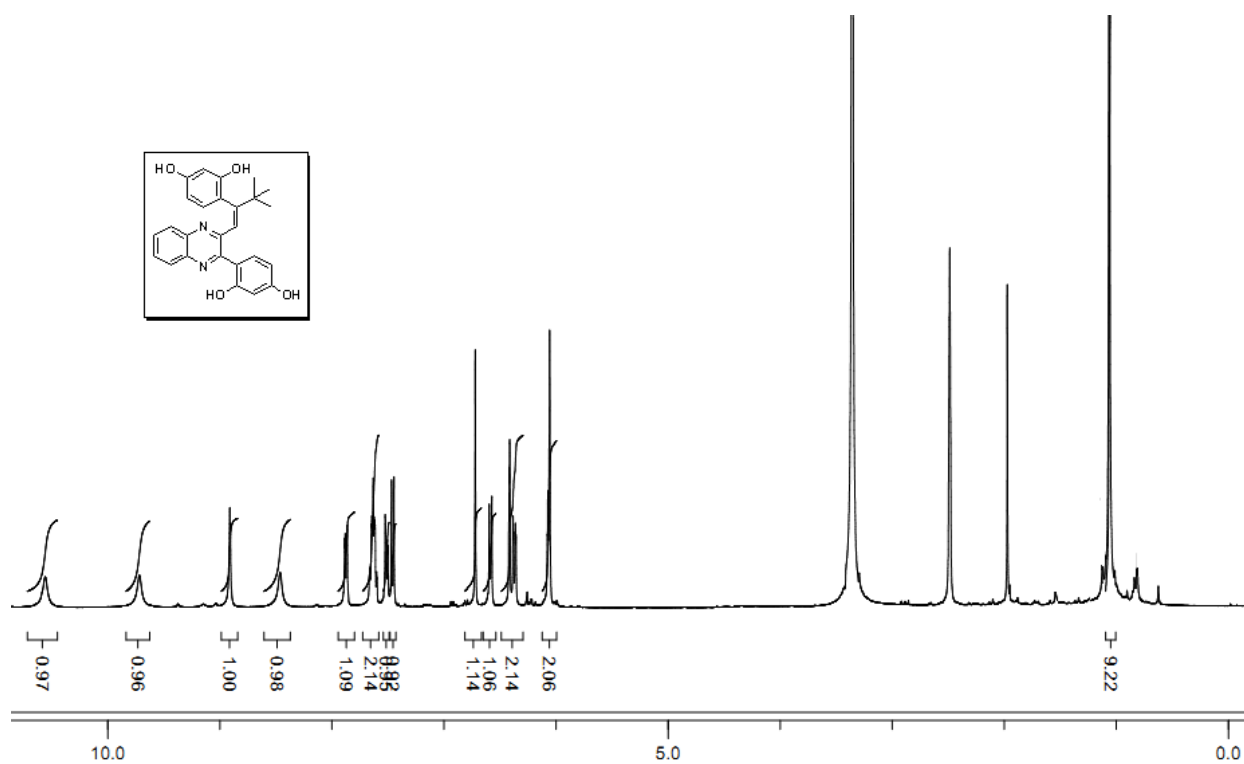
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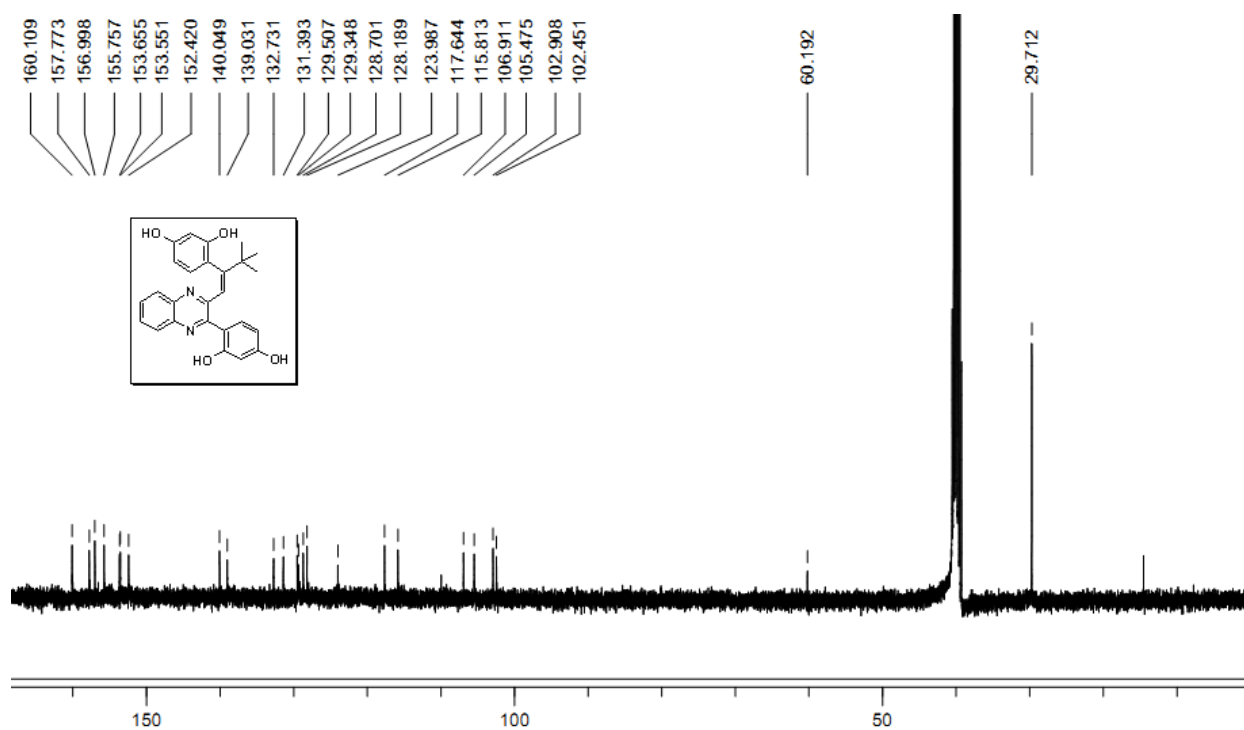
^{13}C NMR (100 MHz, CDCl_3) – **4eh**



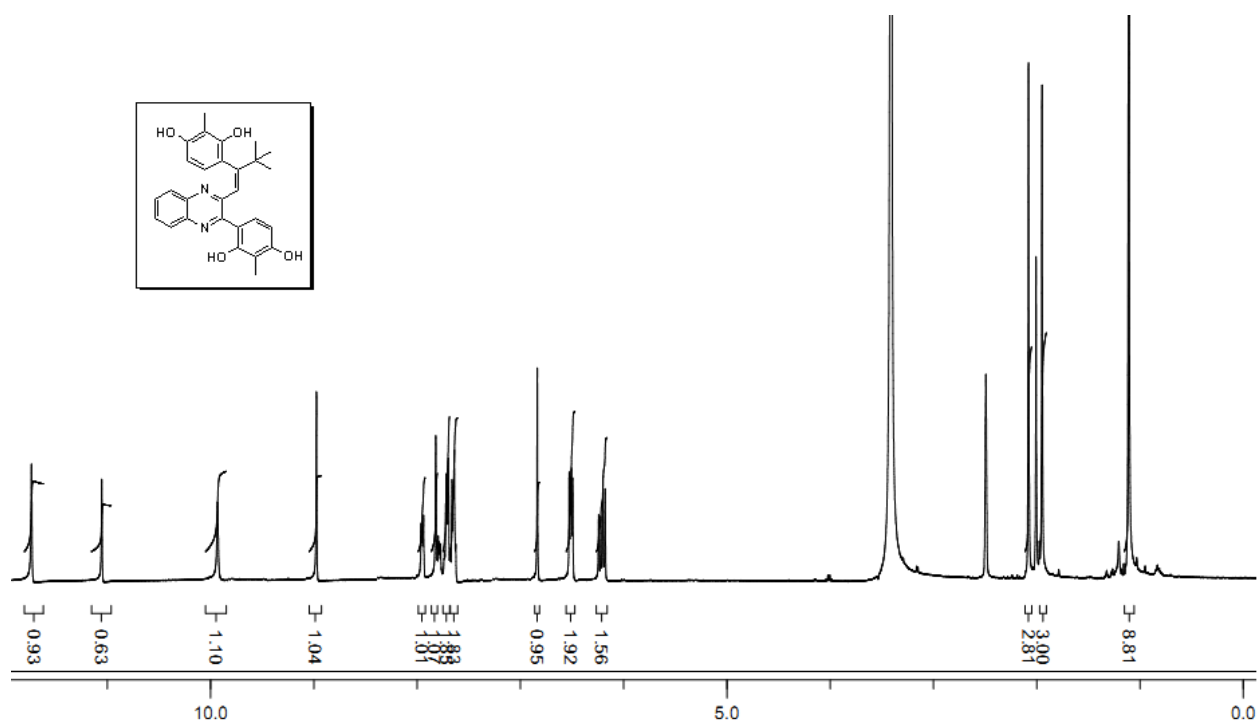
^1H NMR (400 MHz, $\text{DMSO}-d_6$) – **4fa**



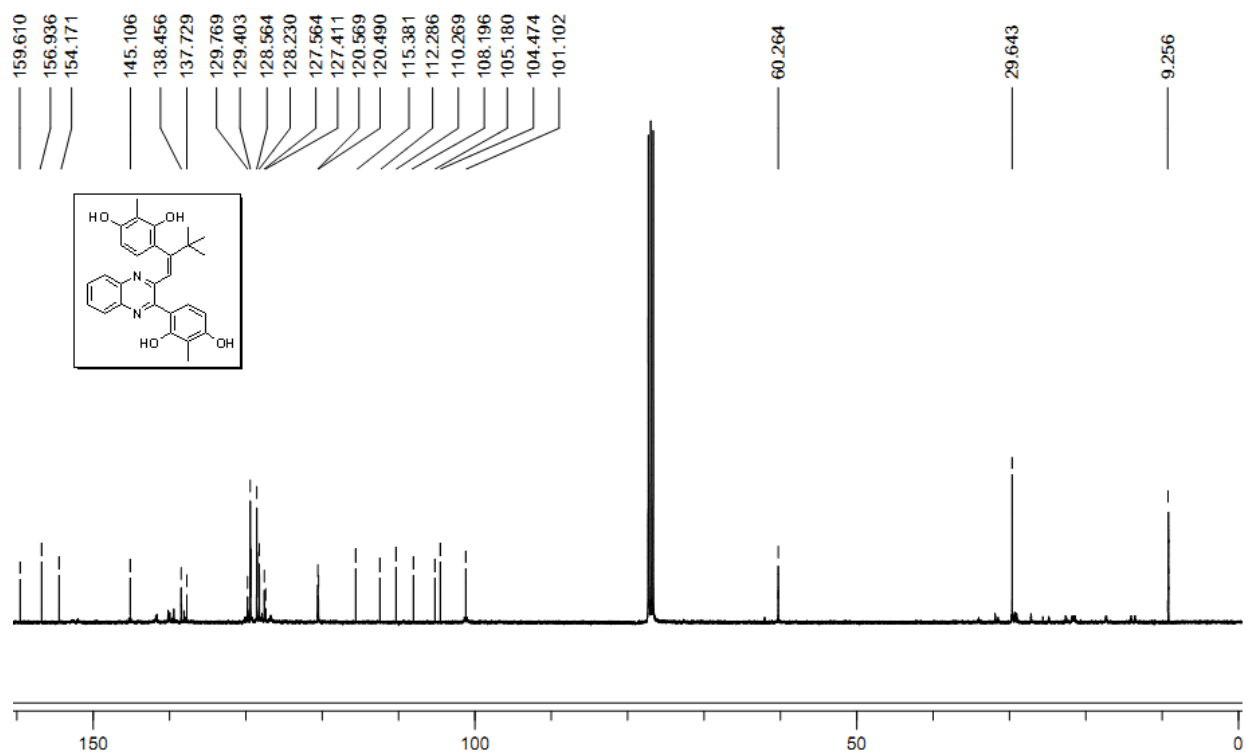
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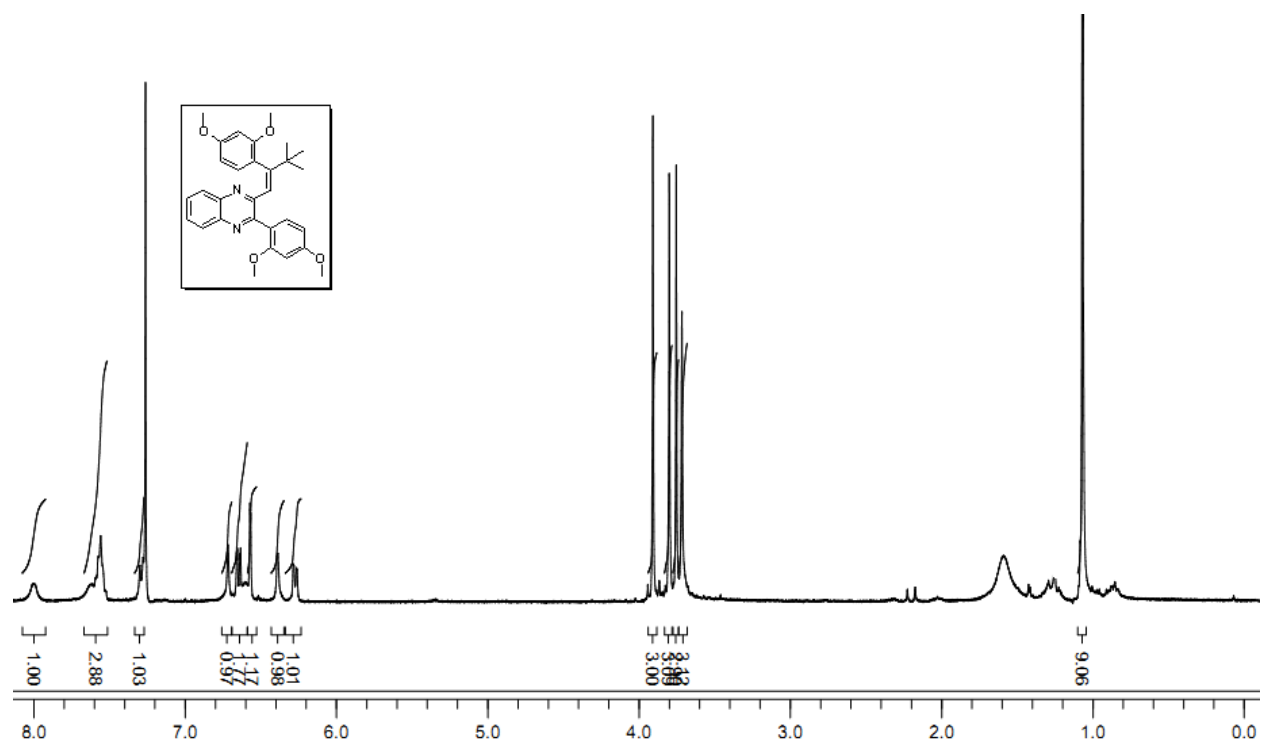
^1H NMR (400 MHz, $\text{DMSO}-d_6$) – **4fb**



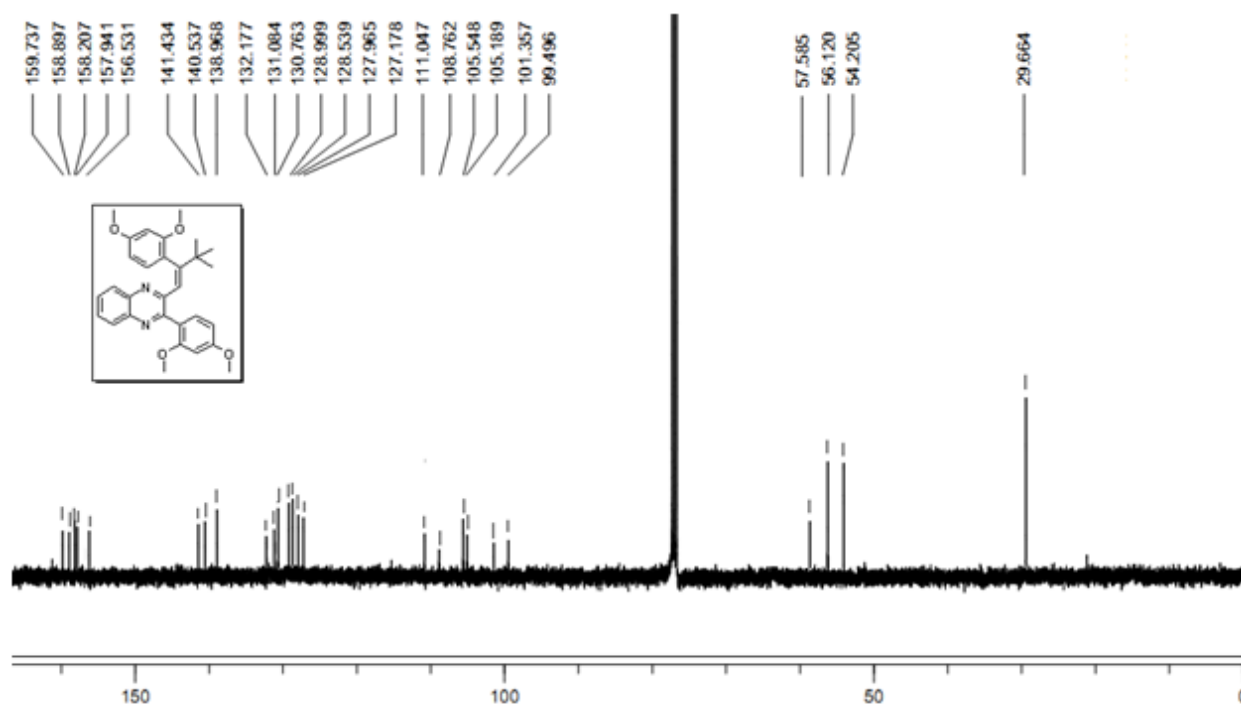
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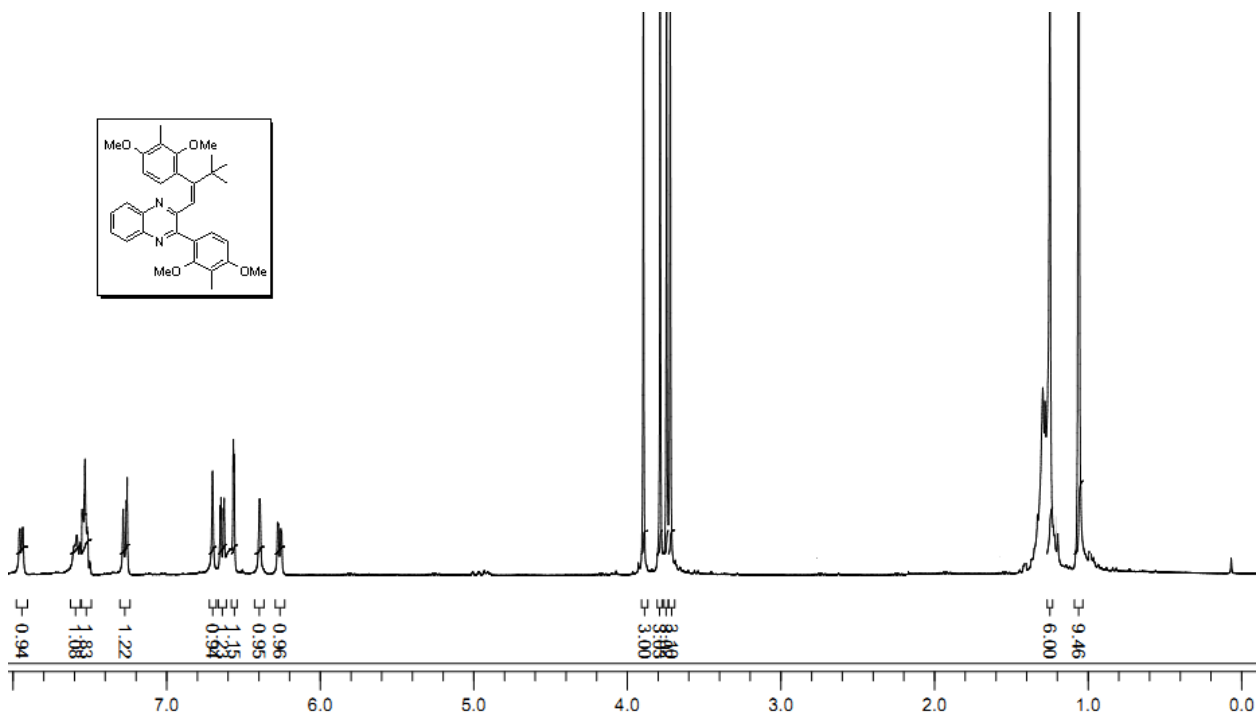
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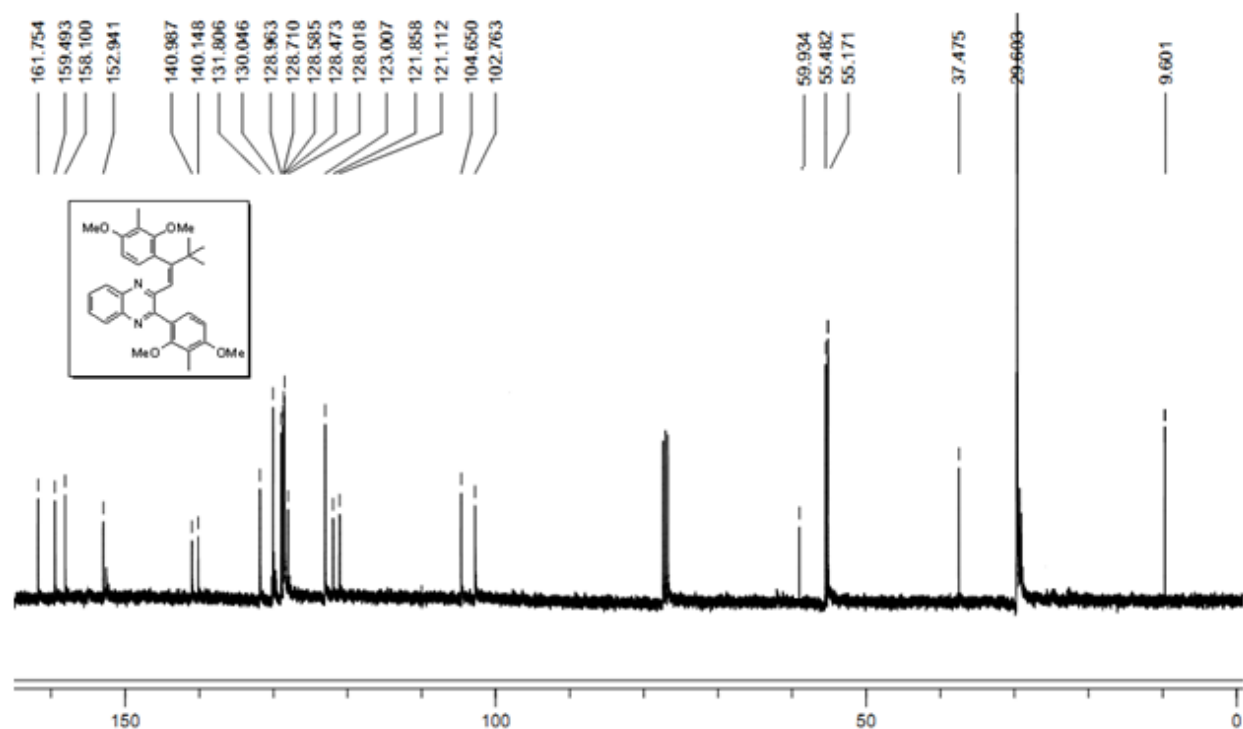
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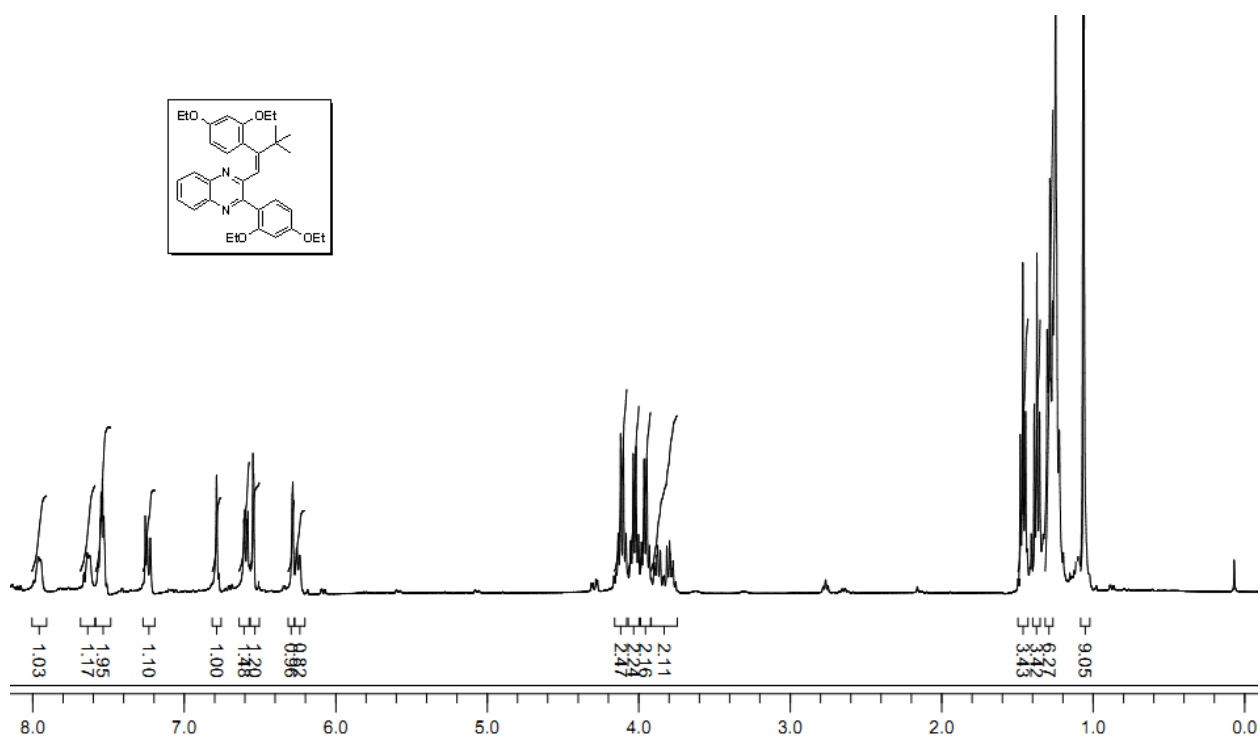
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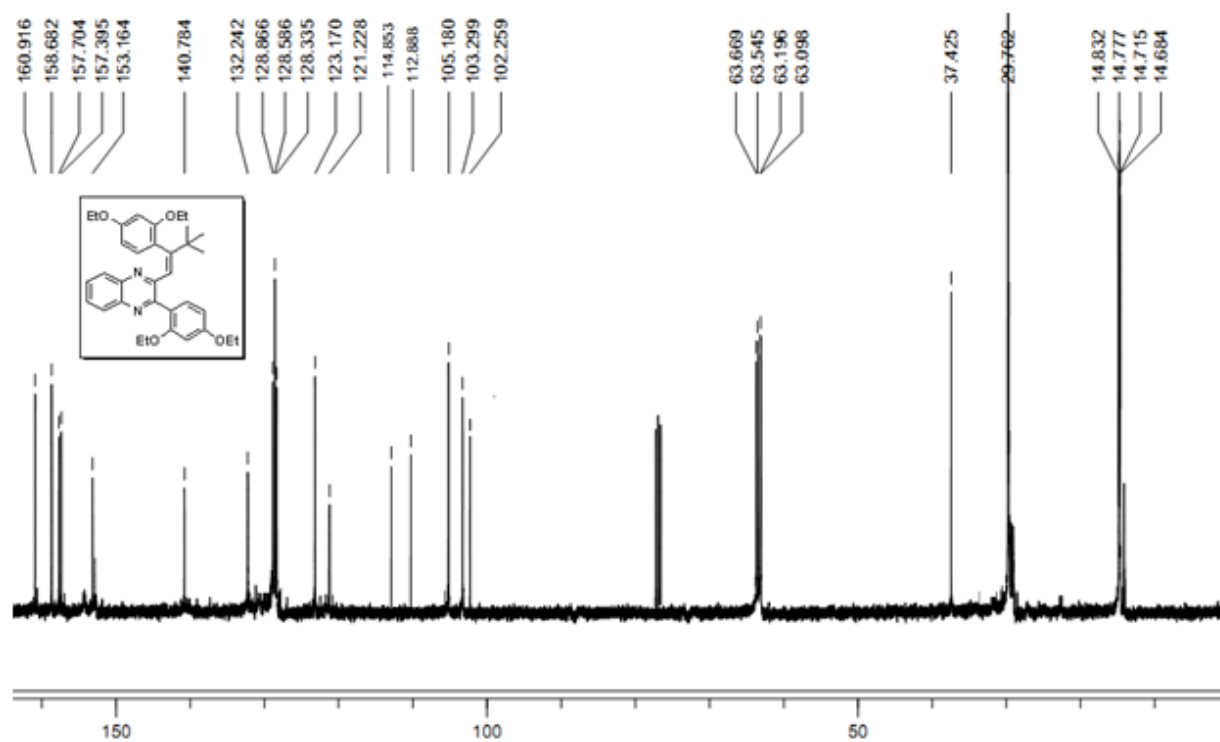
^{13}C NMR (100 MHz, CDCl_3) – **4fd**



^1H NMR (400 MHz, CDCl_3) – **4fe**



^{13}C NMR (100 MHz, CDCl_3) – **4fe**



^1H NMR (400 MHz, CDCl_3)– **5**

