

Supplementary Information

New Adducts of Lapachol with Primary Amines

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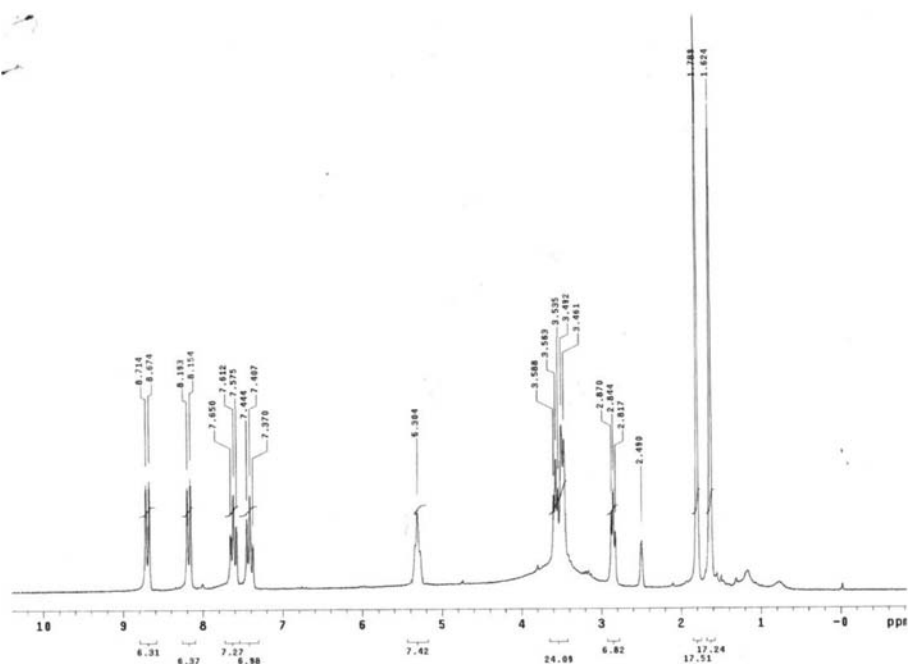


Figure S1. ¹H NMR spectrum (DMSO-*d*₆, 200 MHz) of **2a**.

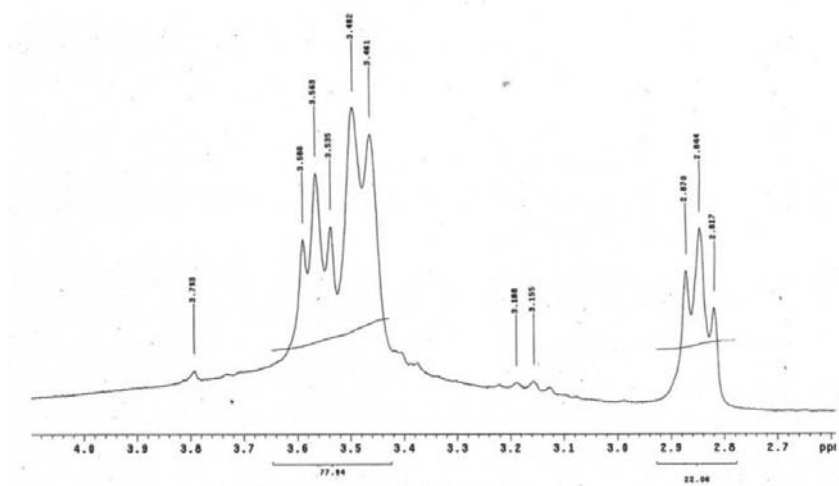


Figure S2.. ^1H NMR expansion spectrum ($\text{DMSO-}d_6$, 200 MHz) of 2a.

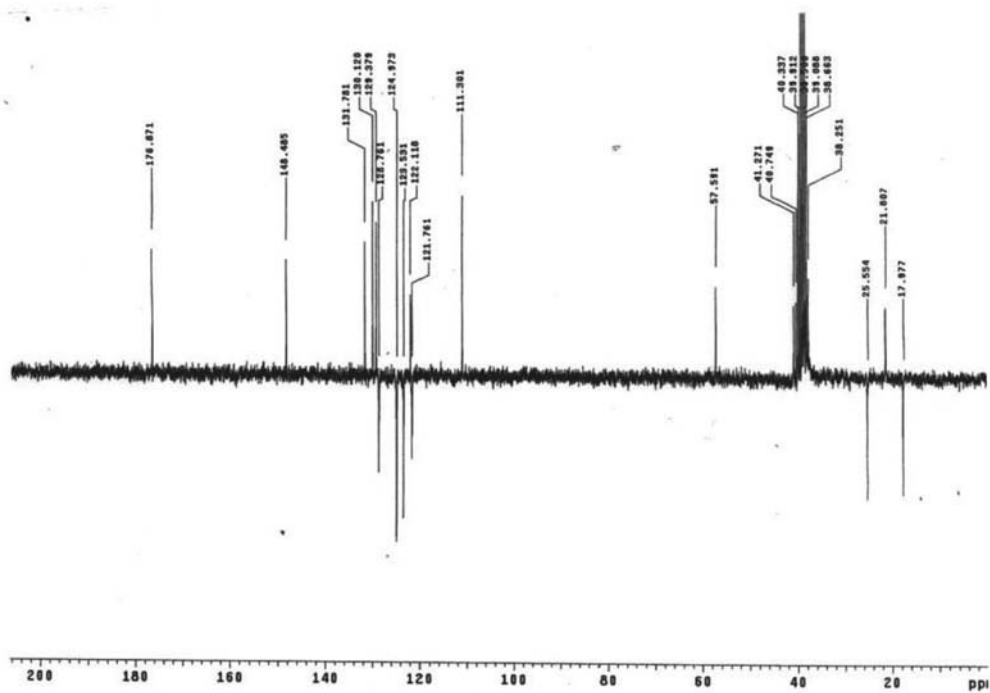


Figure S3. ^{13}C NMR (APT) spectrum ($\text{DMSO-}d_6$, 50 MHz) of 2a.

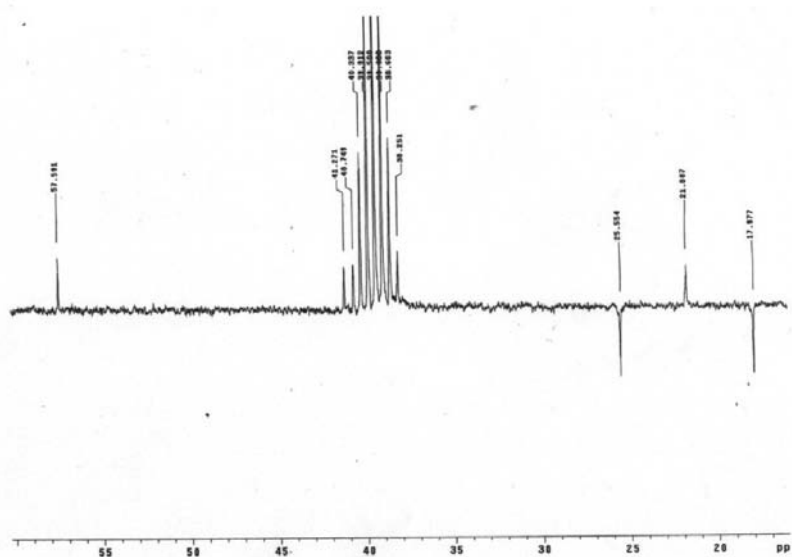


Figure S4. ^{13}C NMR (APT) spectrum expansion ($\text{DMSO-}d_6$, 50 MHz) of **2a**.

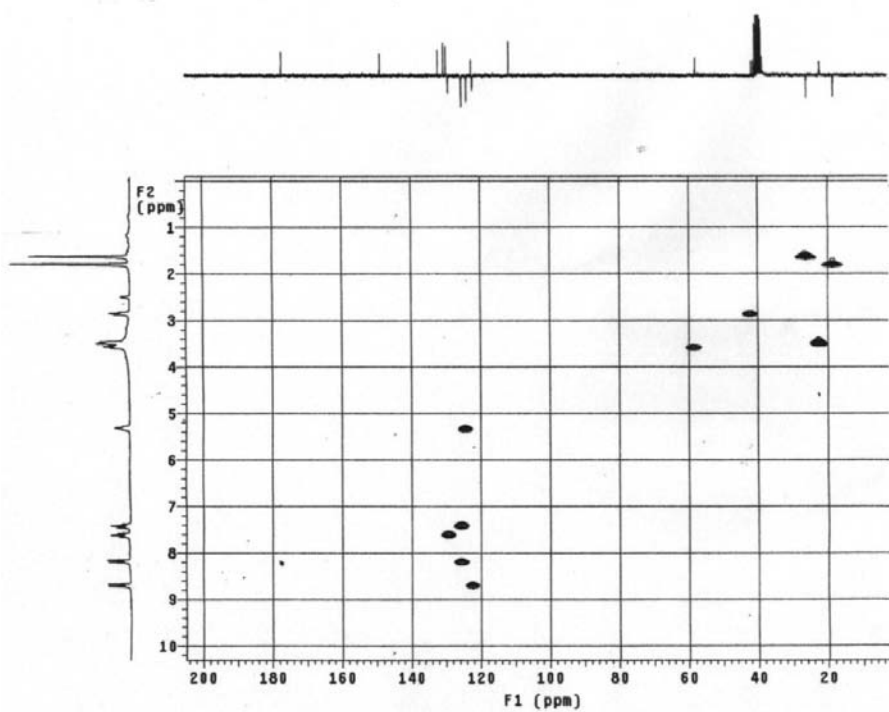


Figure S5. HMQC spectrum of **2a**.

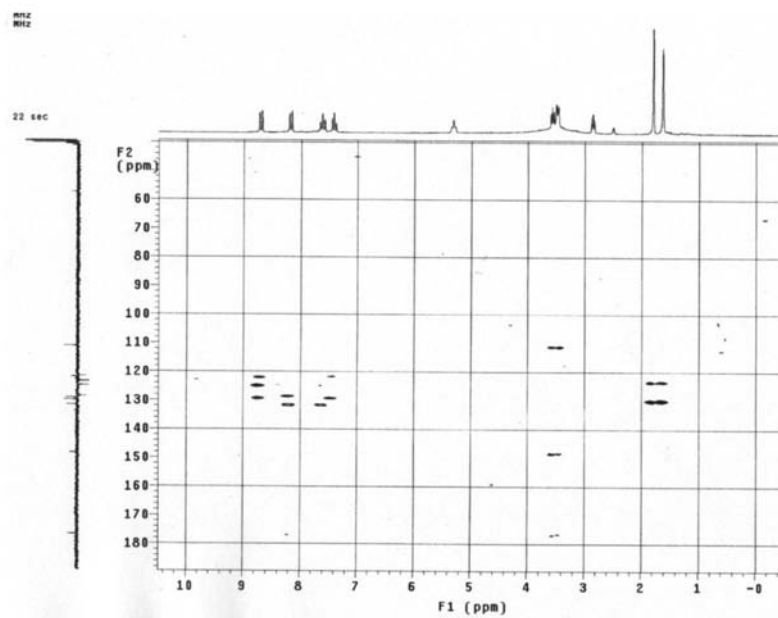


Figure S6. COLOC spectrum of **2a**.

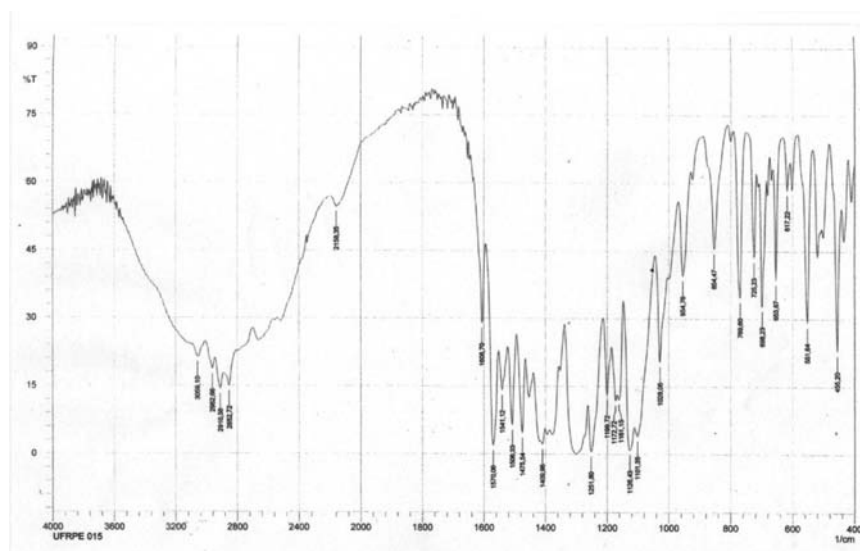


Figure S7. Infrared spectrum (KBr, cm^{-1}) of **2a**.

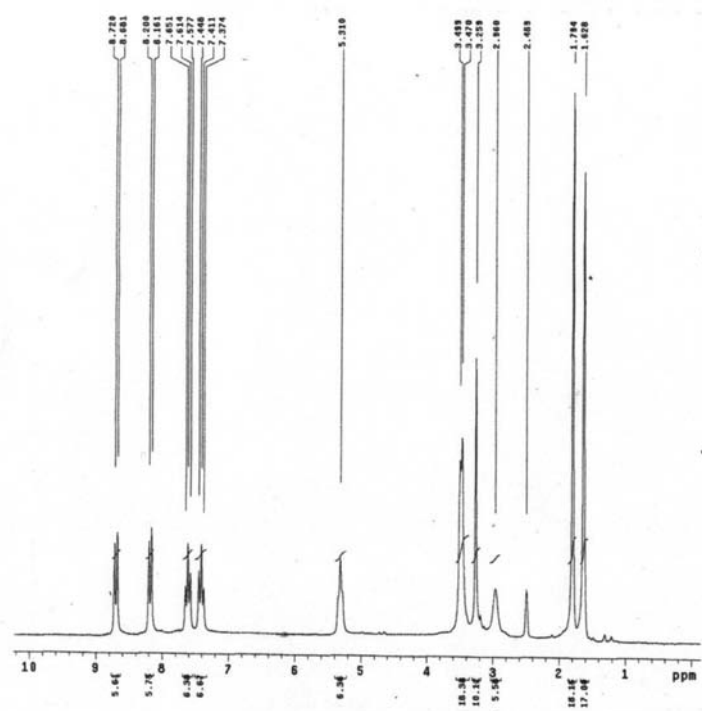


Figure S8. ¹H NMR spectrum (DMSO-*d*₆, 200 MHz) of **2b**.

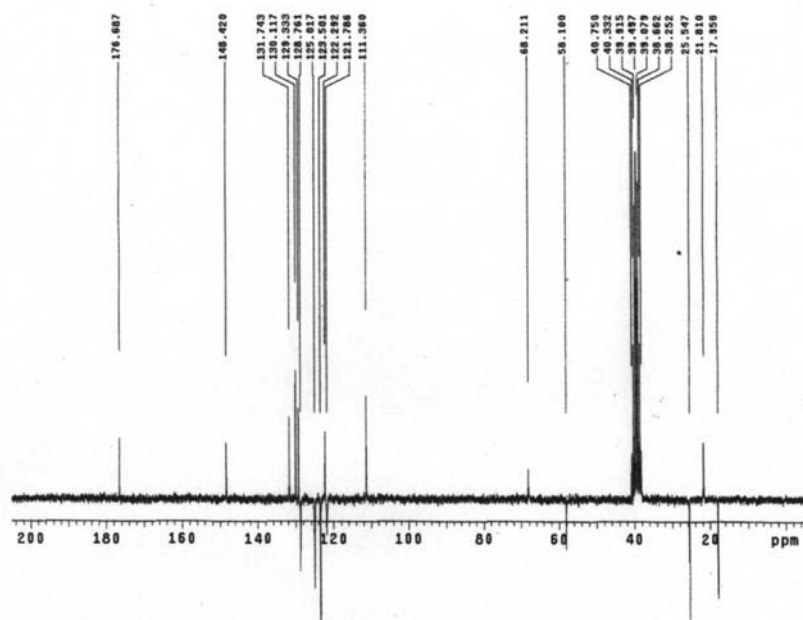


Figure S9. ¹³C NMR (APT) spectrum (DMSO-*d*₆, 50 MHz) of **2b**.

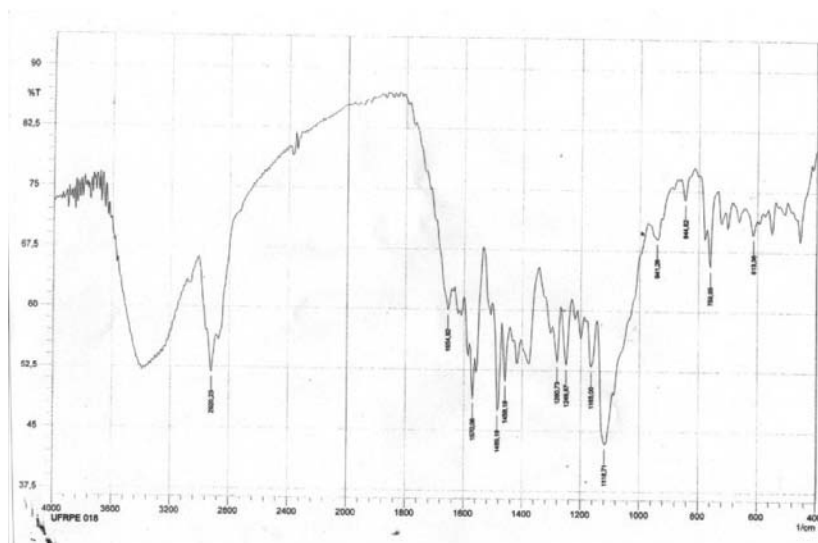


Figure S10. Infrared spectrum (KBr, cm⁻¹) of **2b**.

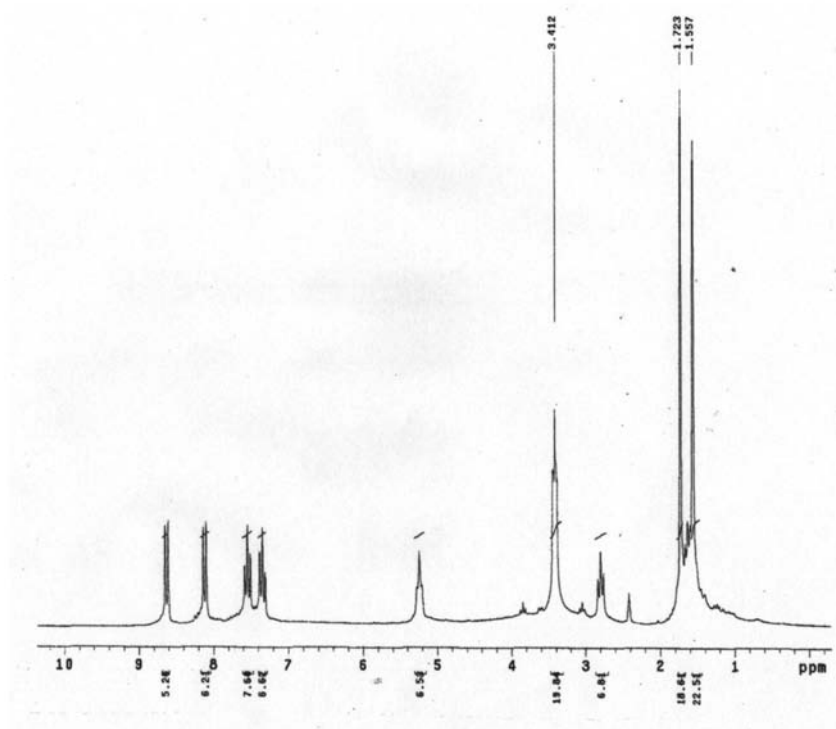


Figure S11. ¹H NMR spectrum (DMSO-*d*₆, 200 MHz) of **2c**.

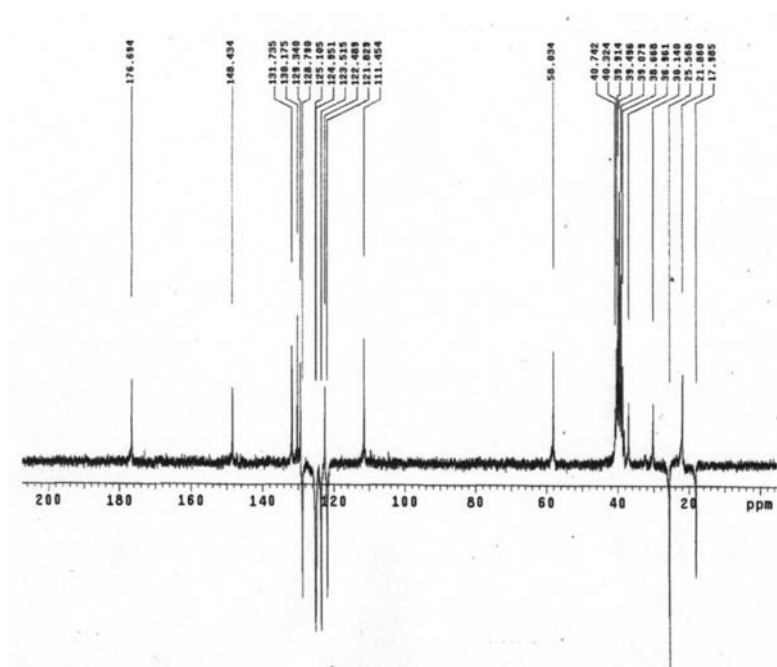


Figure S12. ^{13}C NMR (APT) spectrum ($\text{DMSO-}d_6$, 50 MHz) of **2c**.

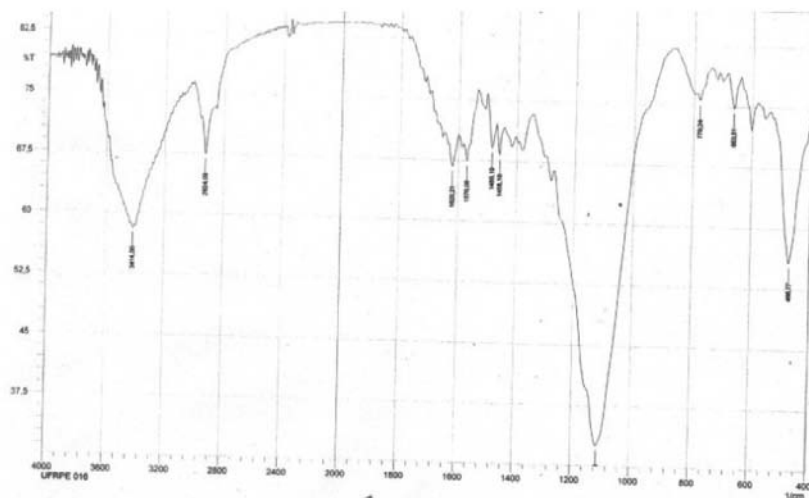


Figure S13. Infrared spectra (KBr, cm^{-1}) of **2c**.

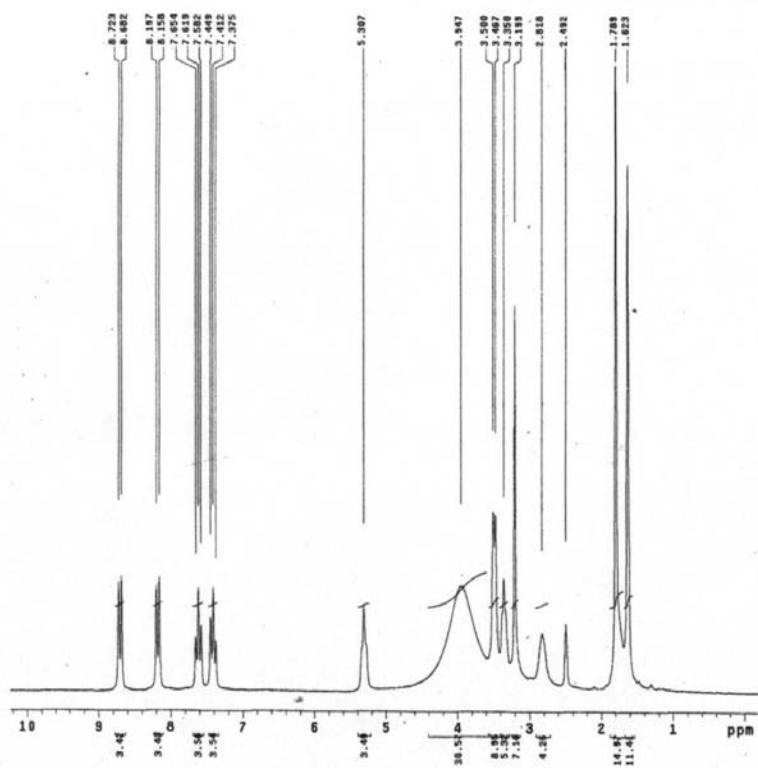


Figure S14. ^1H NMR spectrum ($\text{DMSO-}d_6$, 200 MHz) of **2d**.

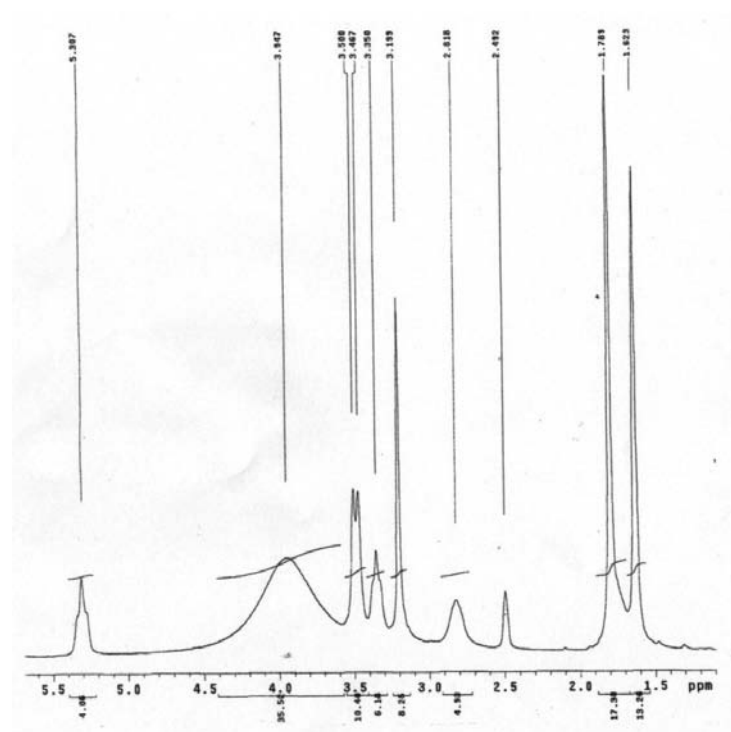


Figure S15. ^1H NMR spectrum expansion ($\text{DMSO-}d_6$, 200 MHz) of **2d**.

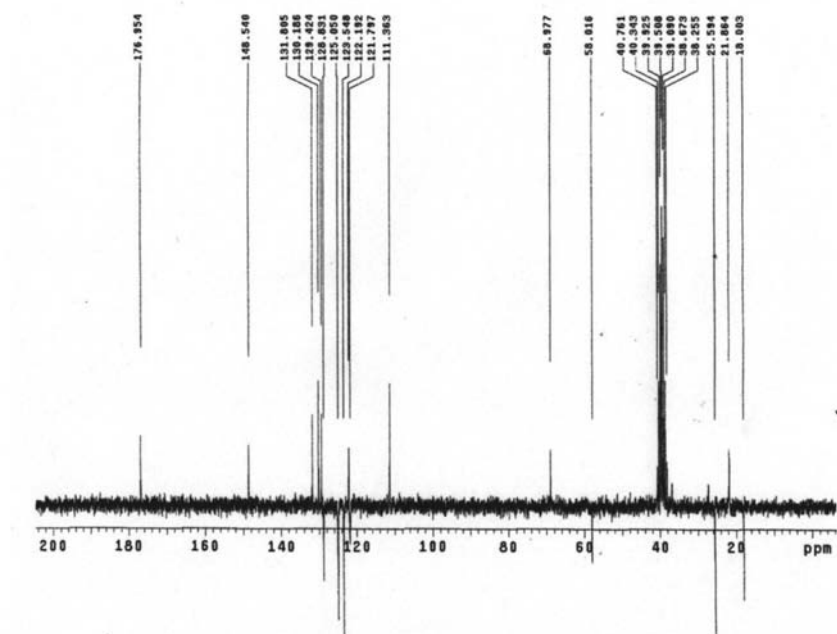


Figure S16. ^{13}C NMR (APT) spectrum ($\text{DMSO-}d_6$, 50 MHz) of **2d**.

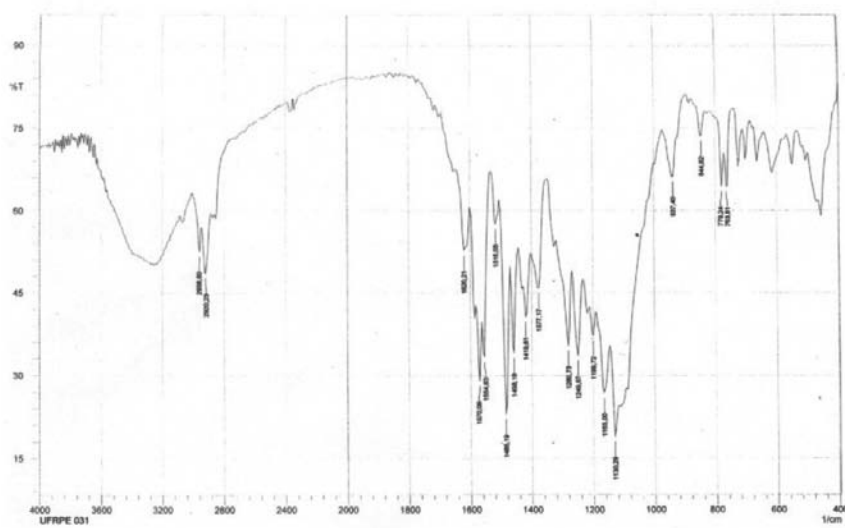


Figure S17. Infrared spectrum (KBr, cm^{-1}) of **2d**.

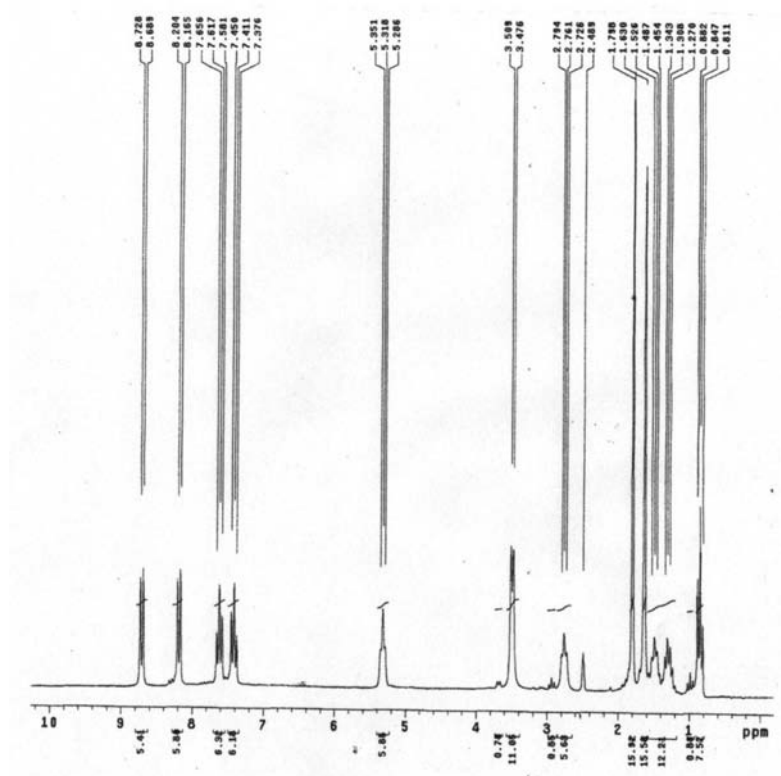


Figure S18. ¹H NMR spectrum (DMSO-*d*₆, 200 MHz) of **2e**.

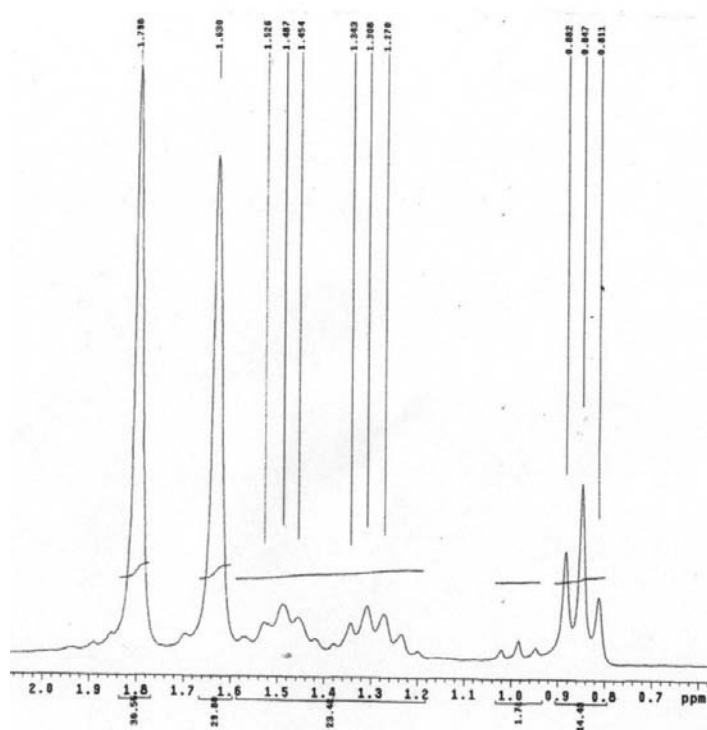


Figure S19. ¹H NMR spectrum expansion (DMSO-*d*₆, 200 MHz) of **2e**.

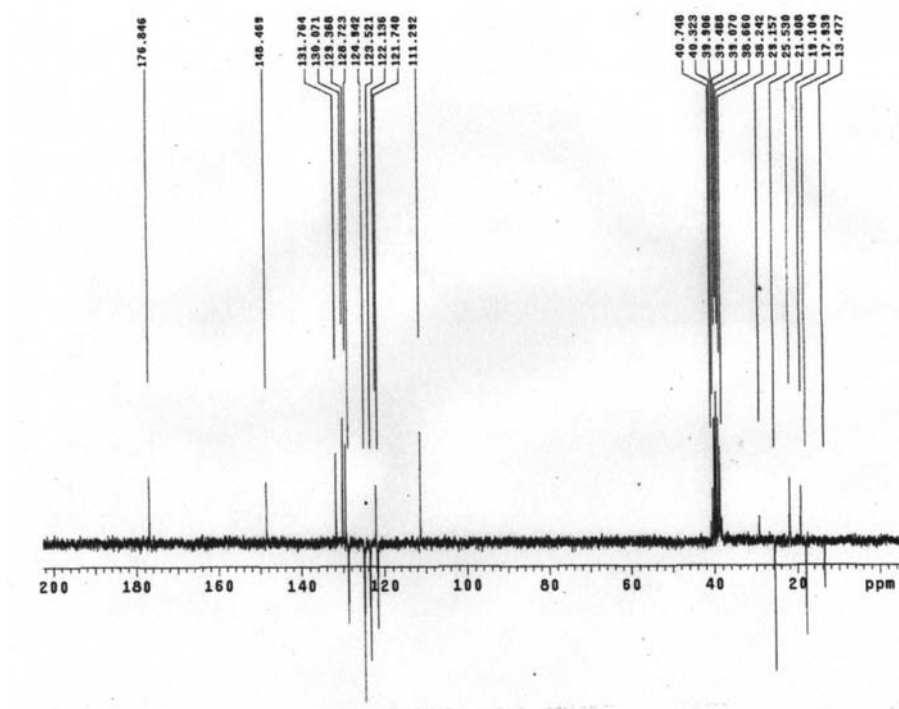


Figure S20. ^{13}C NMR (APT) spectrum ($\text{DMSO-}d_6$, 50 MHz) of **2e**.

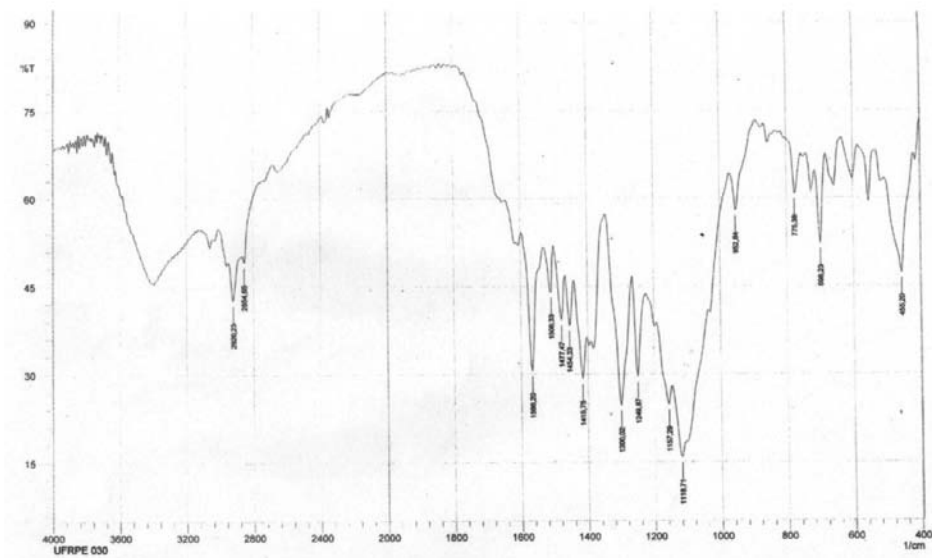


Figure S21. Infrared spectrum (KBr , cm^{-1}) of **2e**.

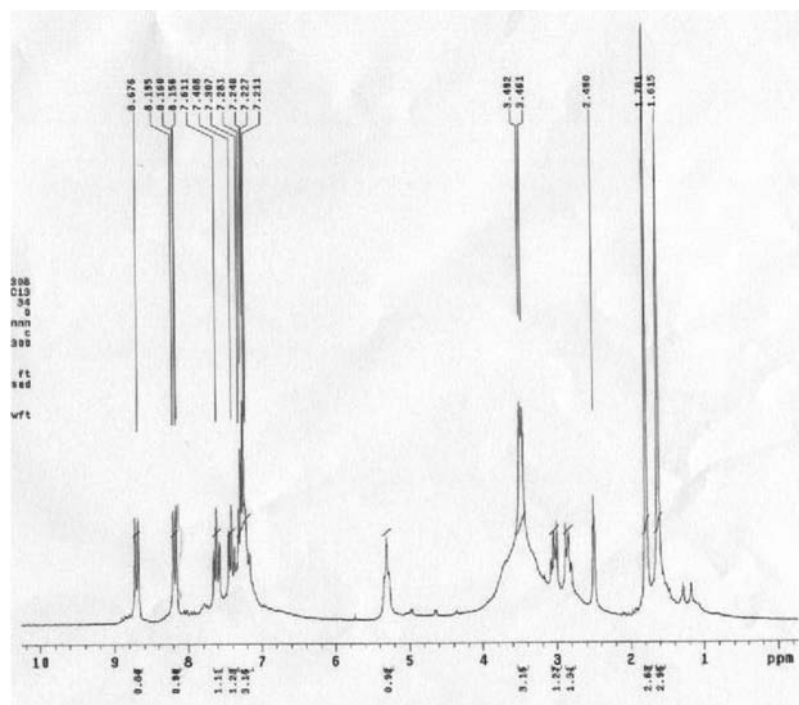


Figure S22. ^1H NMR spectrum ($\text{DMSO-}d_6$, 200 MHz) of **2f**.

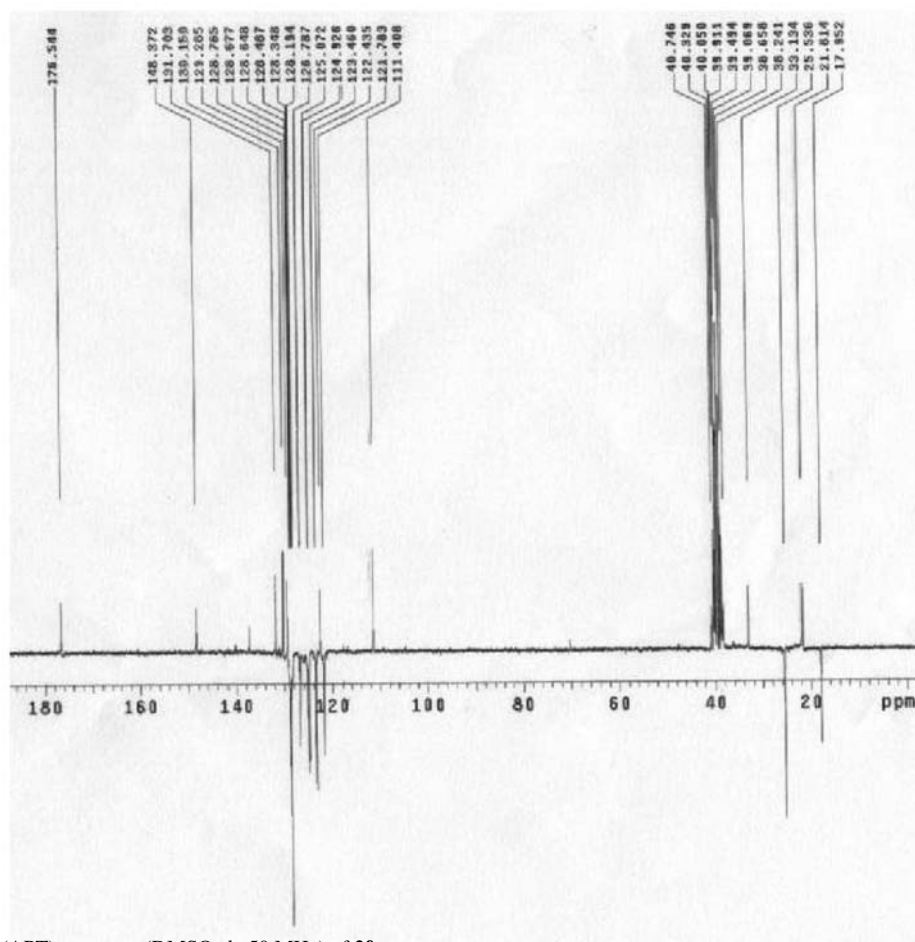


Figure S23. ^{13}C NMR (APT) spectrum ($\text{DMSO-}d_6$, 50 MHz) of **2f**.

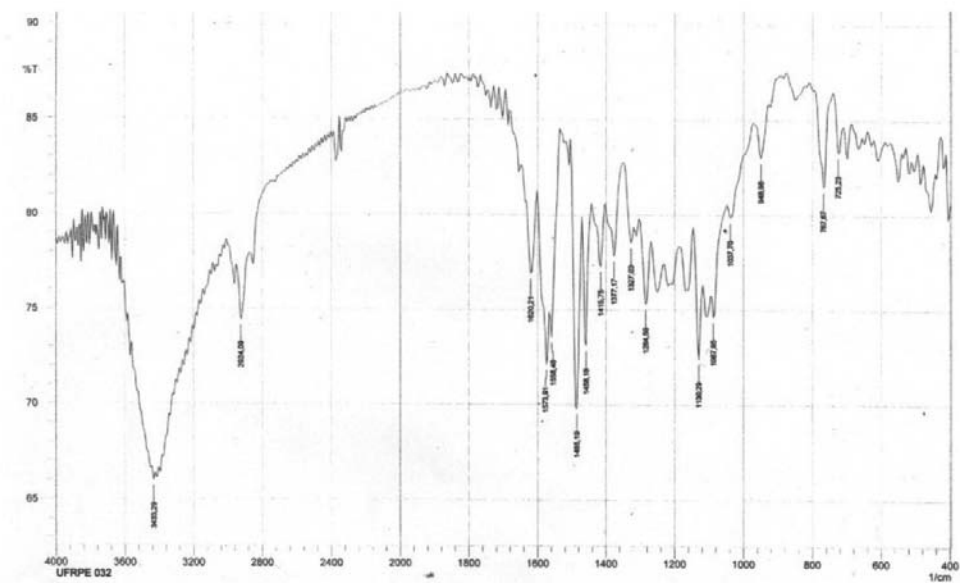


Figure S24. Infrared spectrum (KBr, cm^{-1}) of **2f**.

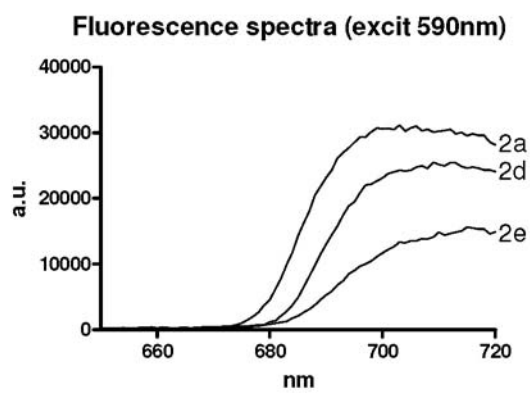


Figure S25. Fluorescence spectra (excit 590 nm) of lapachol adducts (**2**).