



Supporting Information

for

Synthesis and anti-cancer activity of naphthalimide–organylselanyl conjugates

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Spectral data of compounds 7, 8 and 10–12

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Spectral characterisation of compound 10

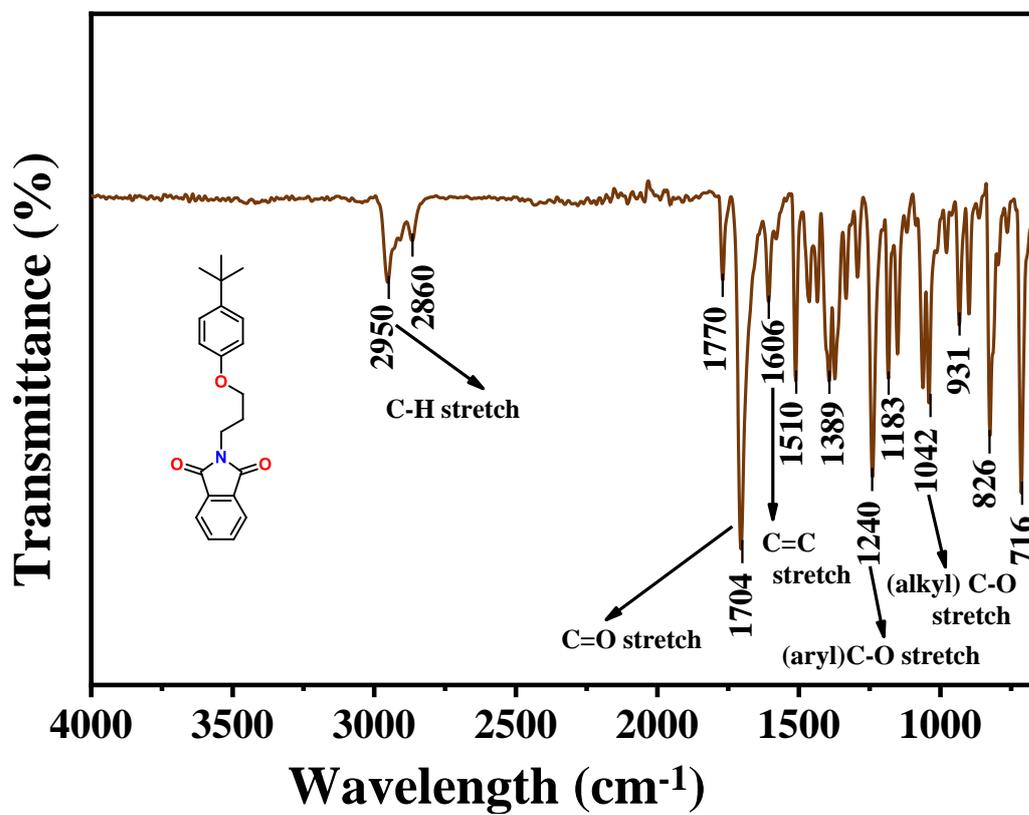


Figure S1. FTIR (KBr) spectrum of compound 10.

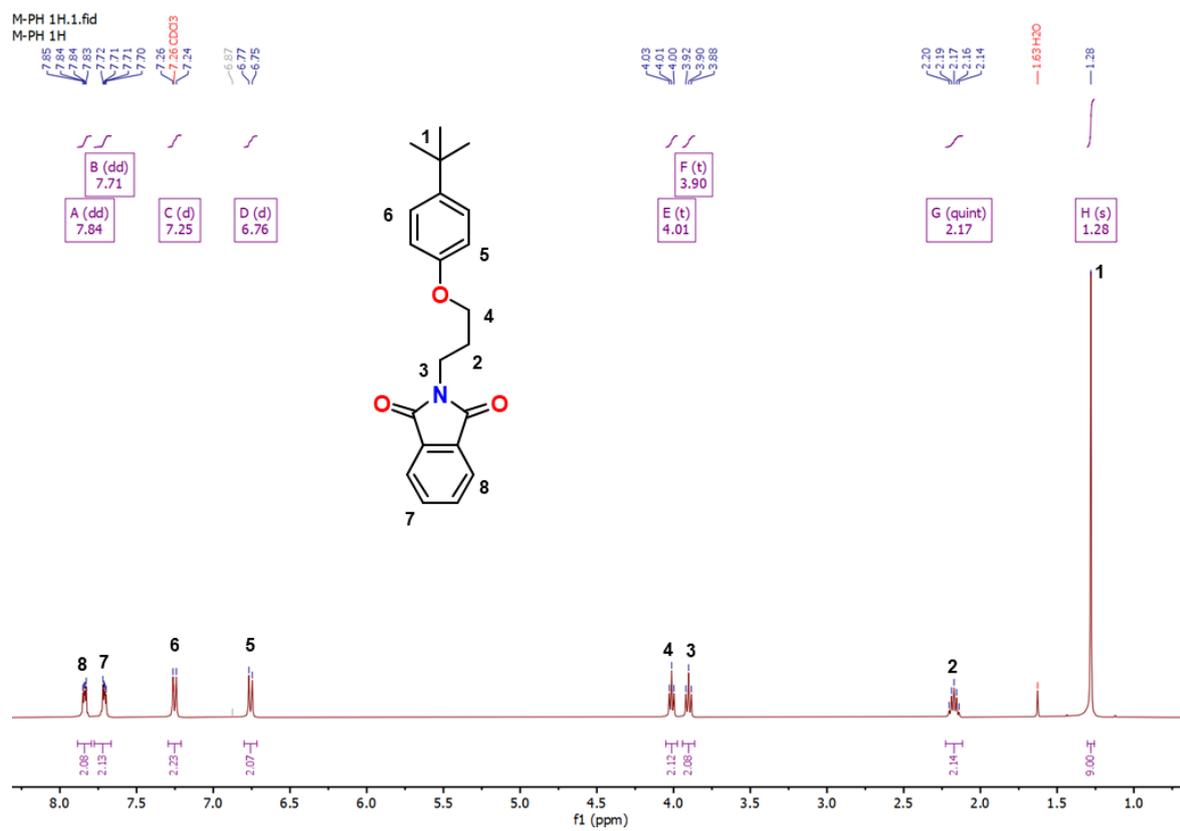


Figure S2. ¹H NMR spectrum of compound 10.

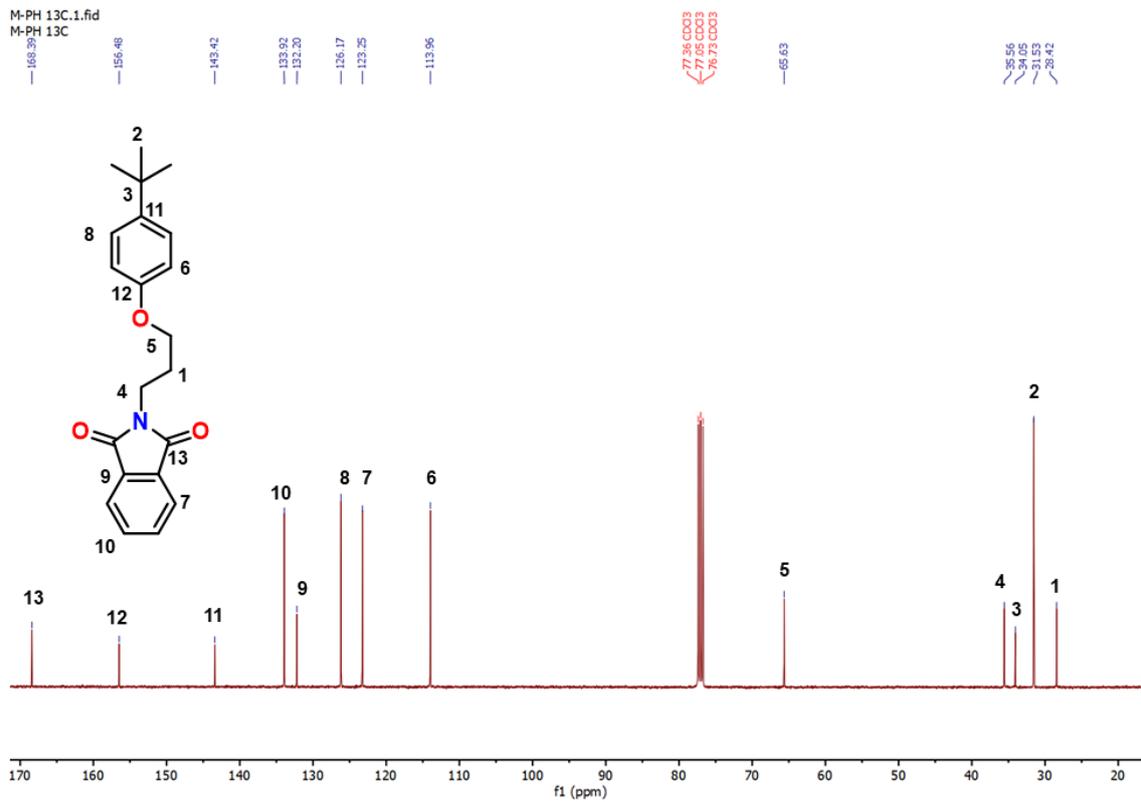


Figure S3. ^{13}C NMR spectrum of compound 10.

Spectral characterisation of compound 11

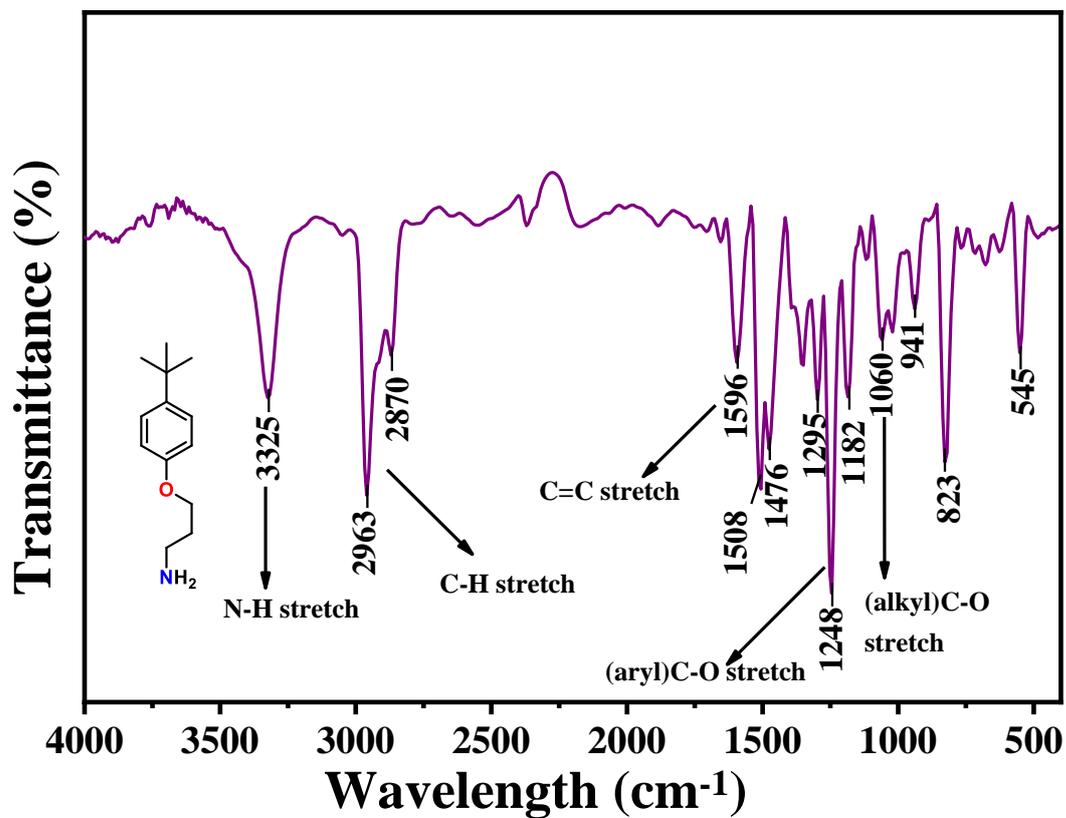


Figure S4. FTIR (KBr) spectrum of compound 11.

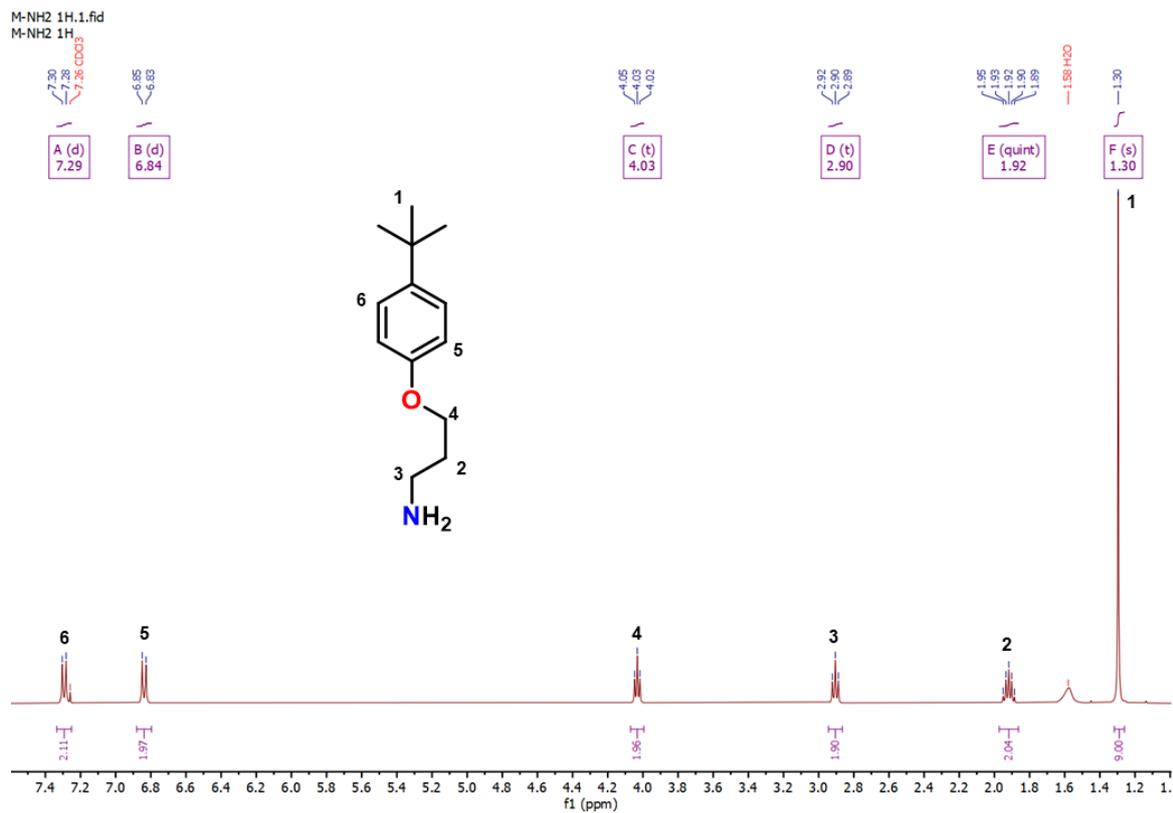


Figure S5. ¹H NMR spectrum of compound 11.

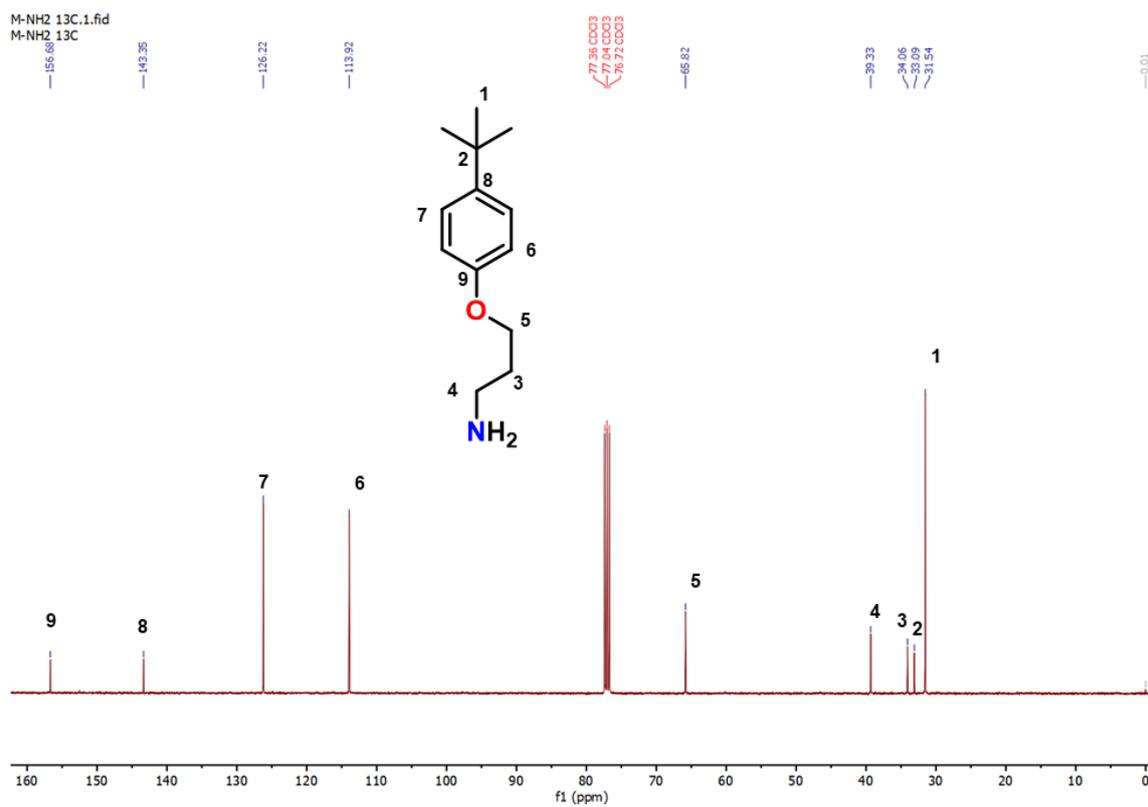


Figure S6. ^{13}C NMR spectrum of compound 11.

Spectral characterisation of compound 12

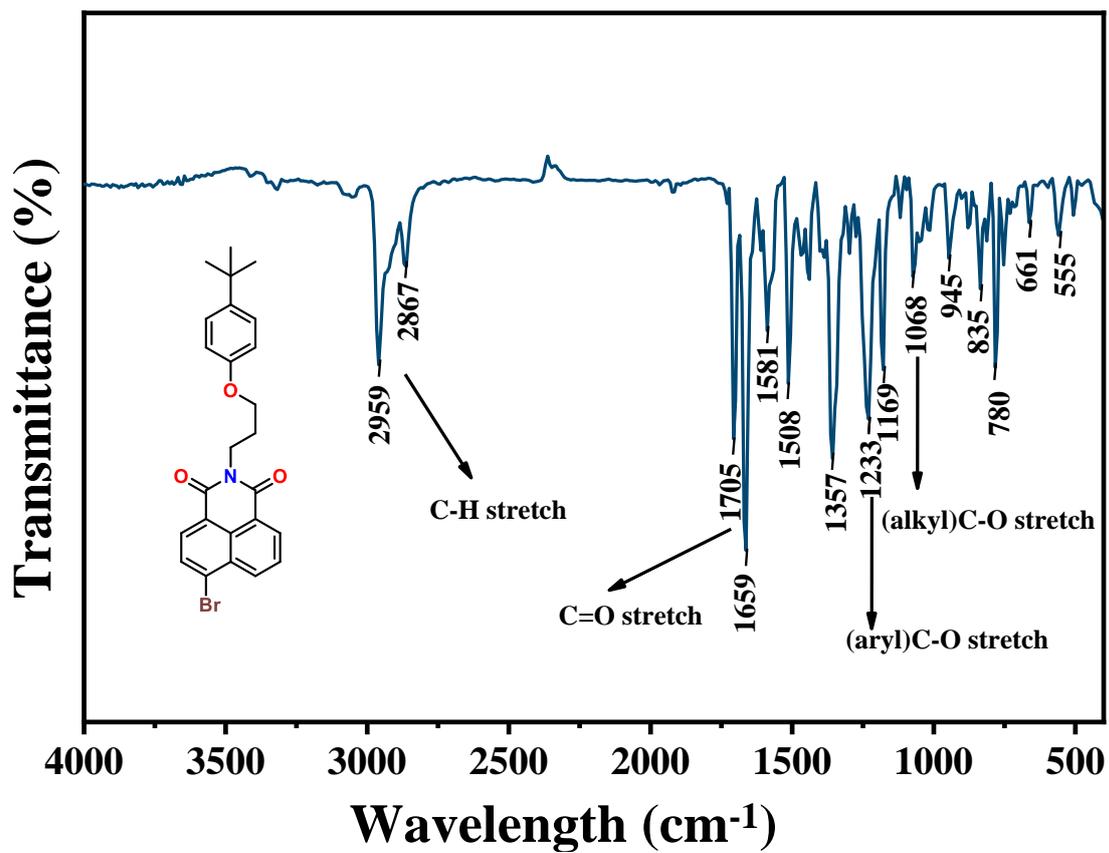


Figure S7. FTIR (KBr) spectrum of compound 12.

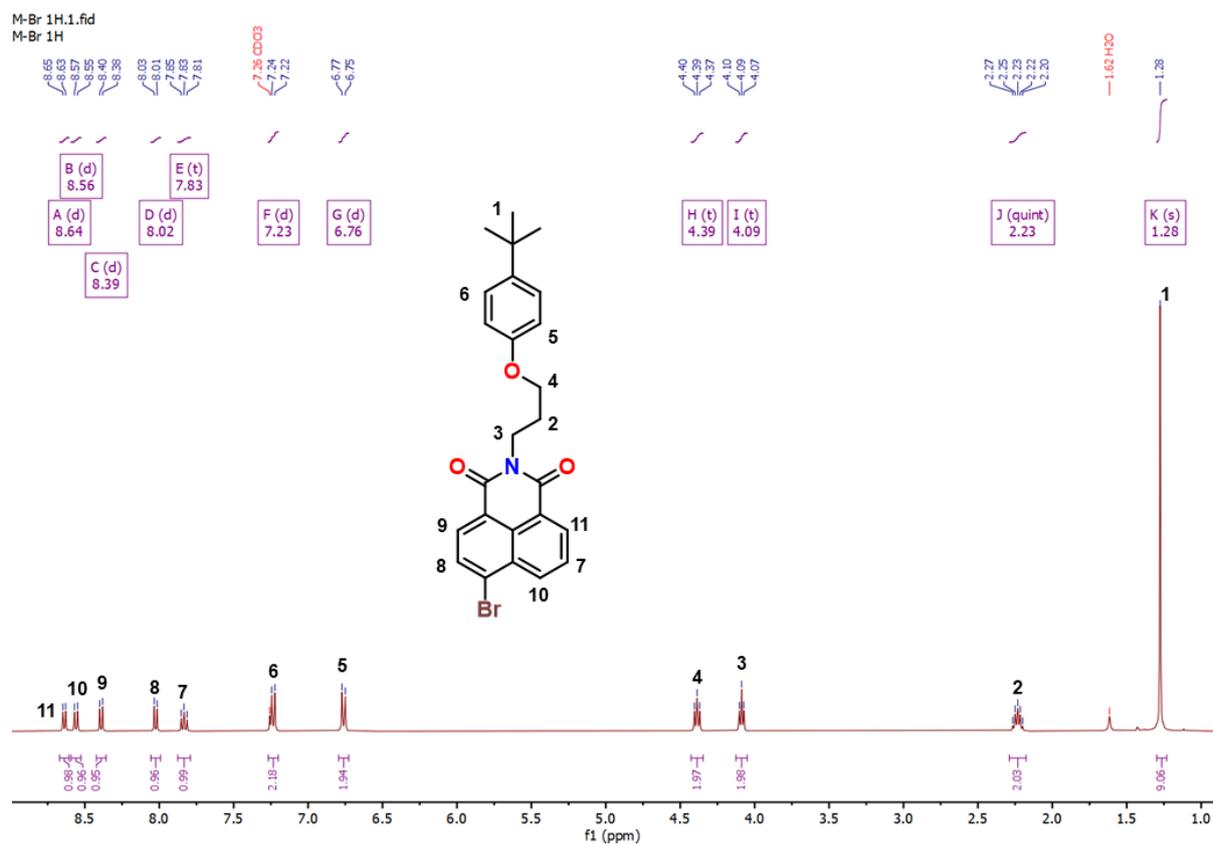


Figure S8. ^1H NMR spectrum of compound 12.

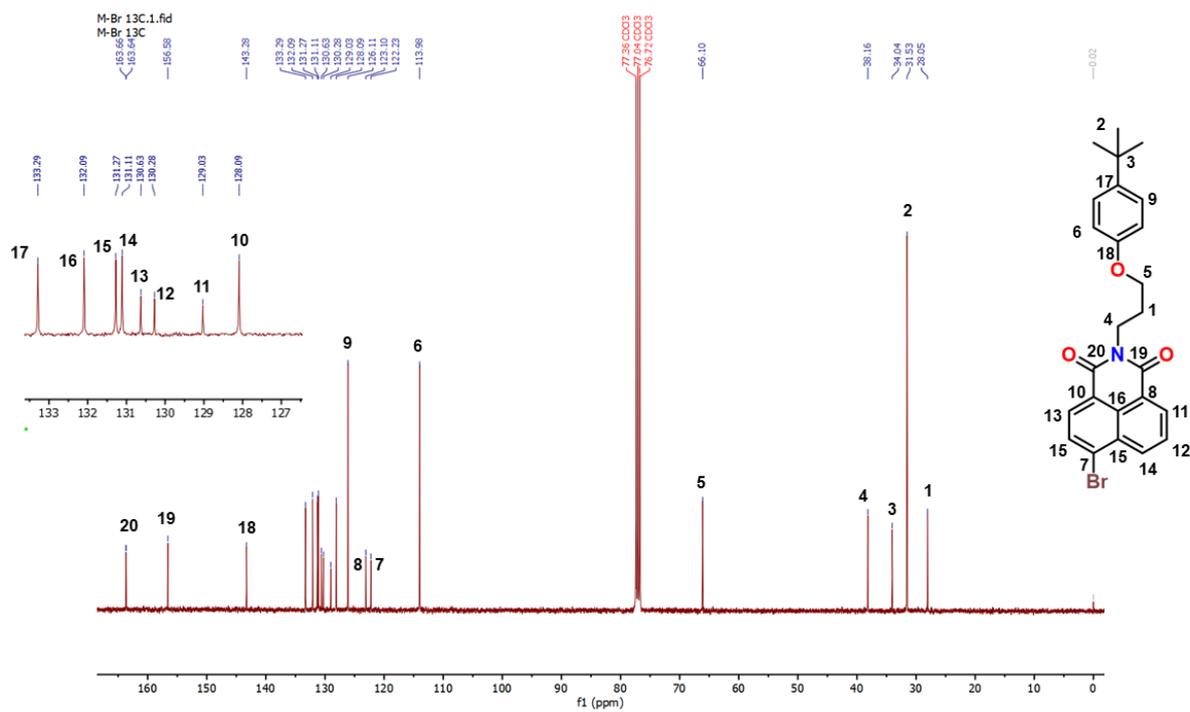


Figure S9. ^{13}C NMR spectrum of compound 12.

Spectral characterisation of compound 7

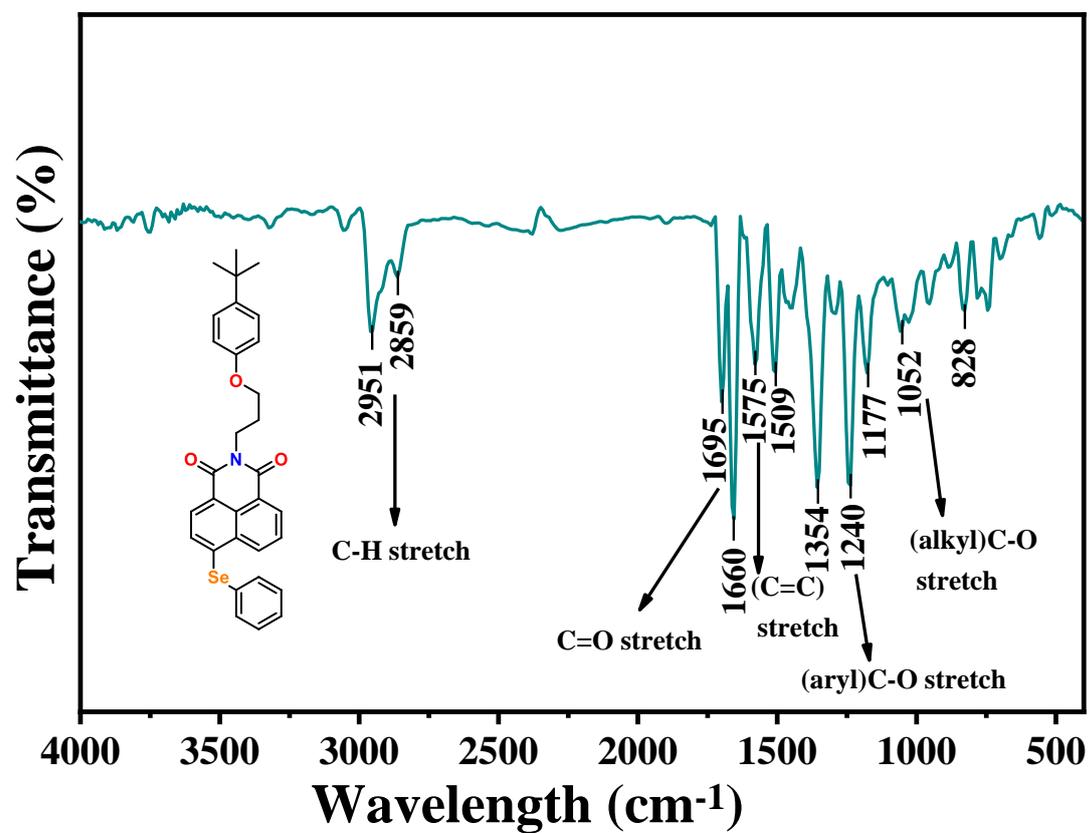


Figure S10. FTIR (KBr) spectrum of compound 7.

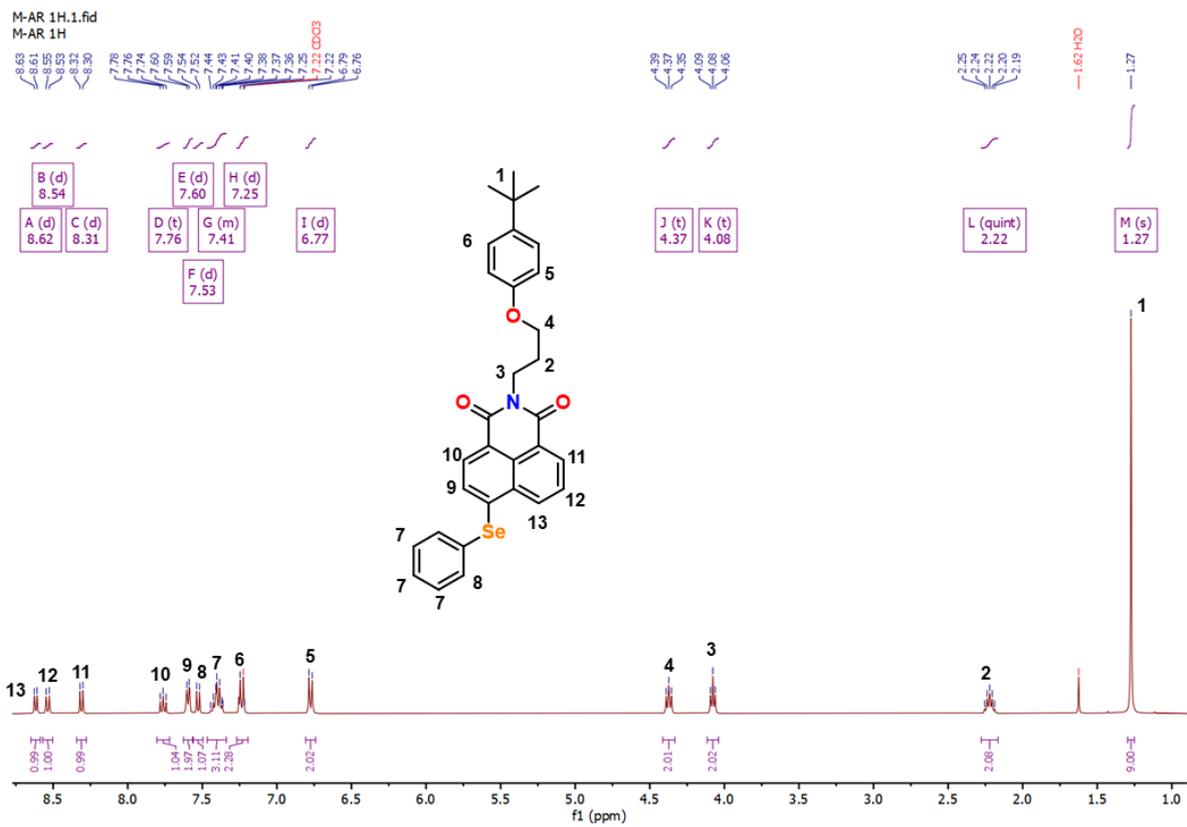


Figure S11. ¹H NMR spectrum of compound 7.

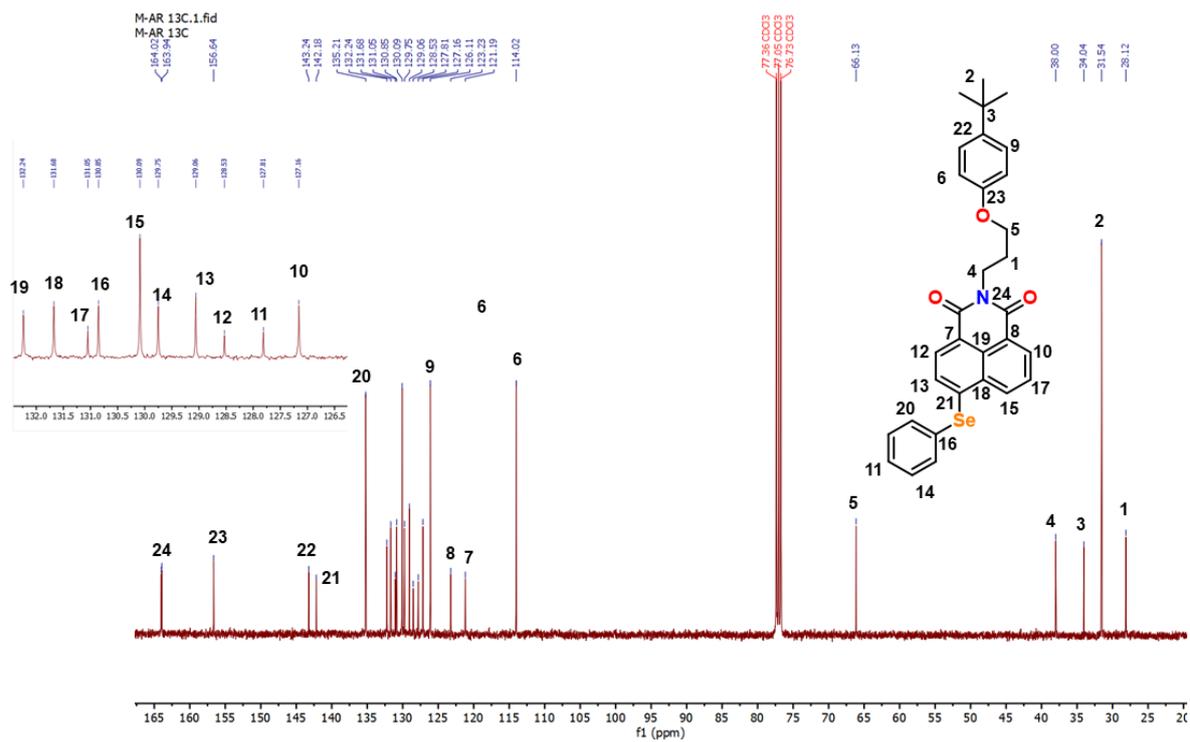


Figure S12. ¹³C NMR spectrum of compound 7.

EXT-VIT-RR-M-AR(500MHz).1.fid
EXT-VIT-RR-M-AL(500MHz)

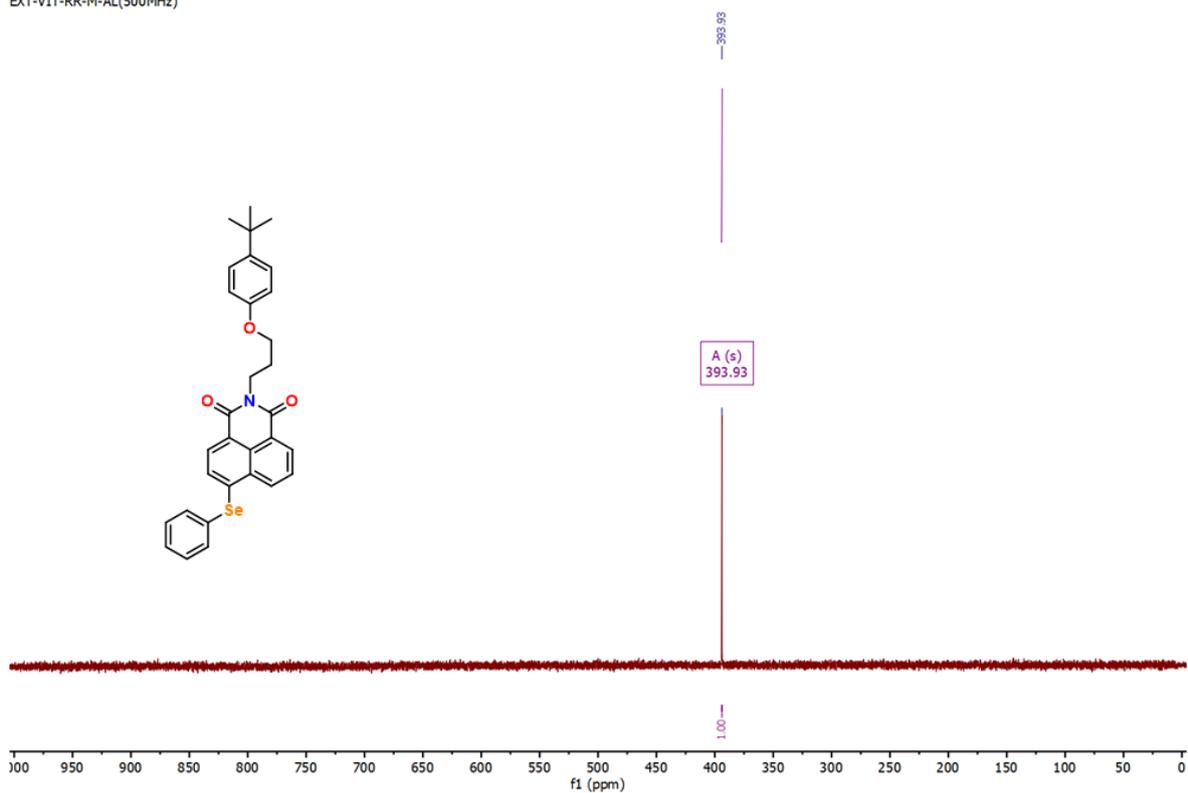


Figure S13. ^{77}Se NMR spectrum of compound 7.

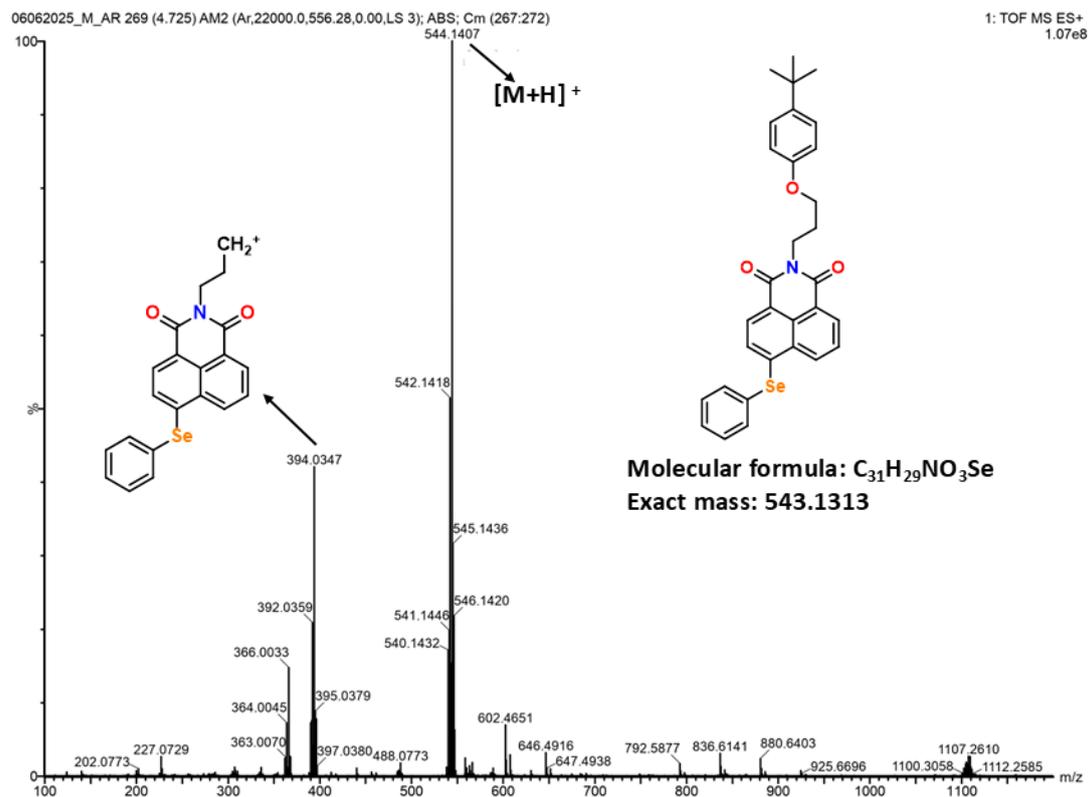


Figure S14. HRMS (ESI)⁺ spectrum of compound 7.

Spectral characterisation of compound 8

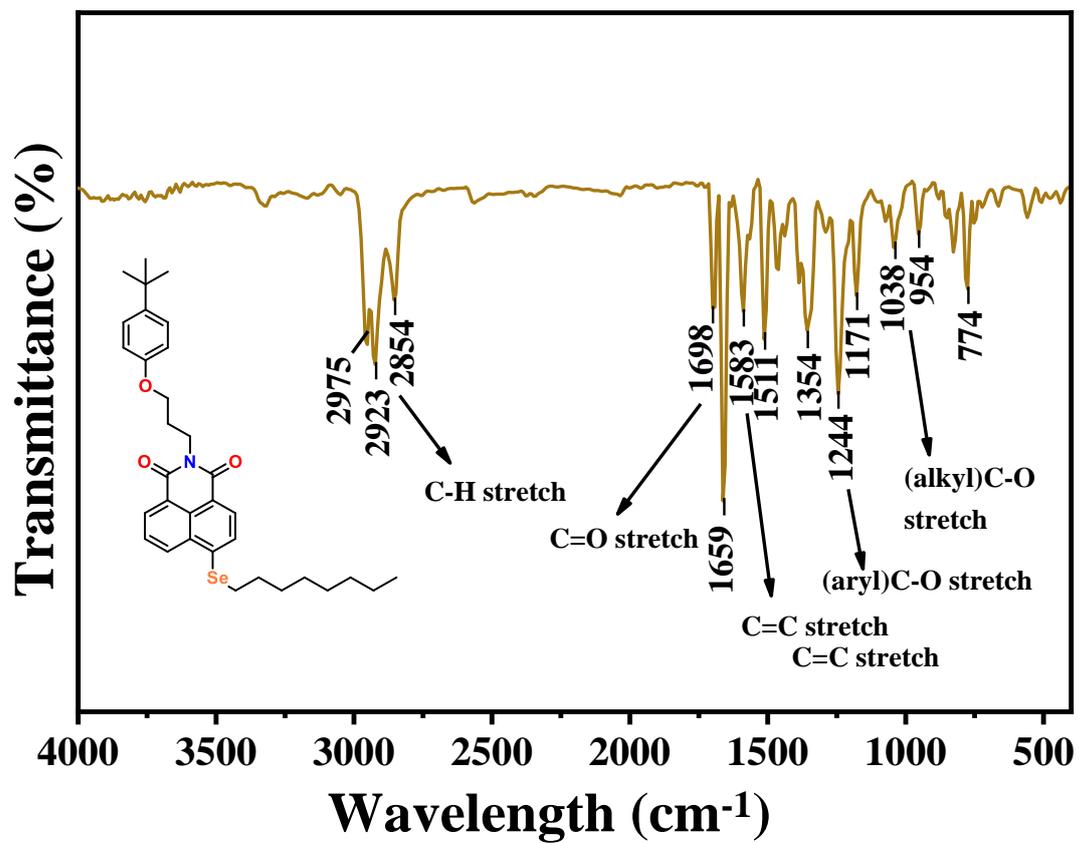


Figure S15. FTIR (KBr) spectrum of compound 8.

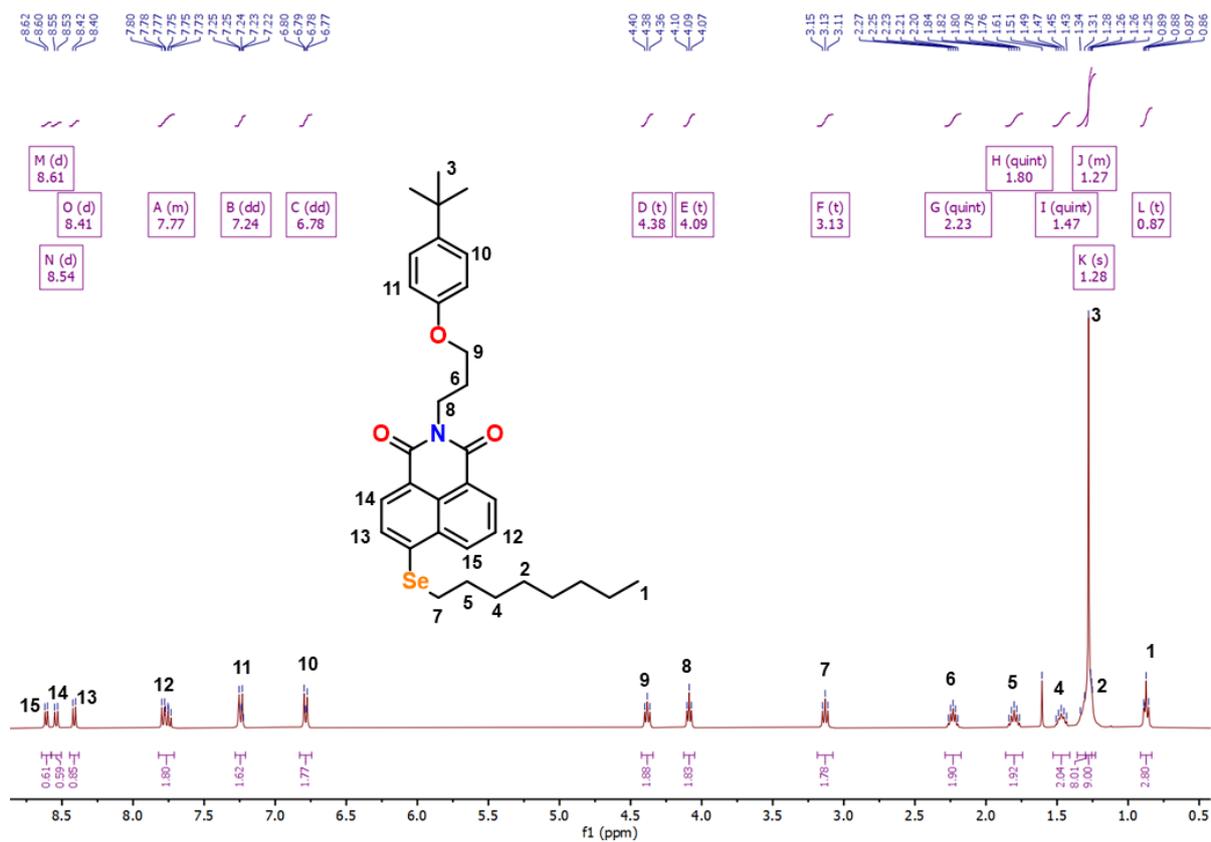


Figure S16. ¹H NMR spectrum of compound 8.

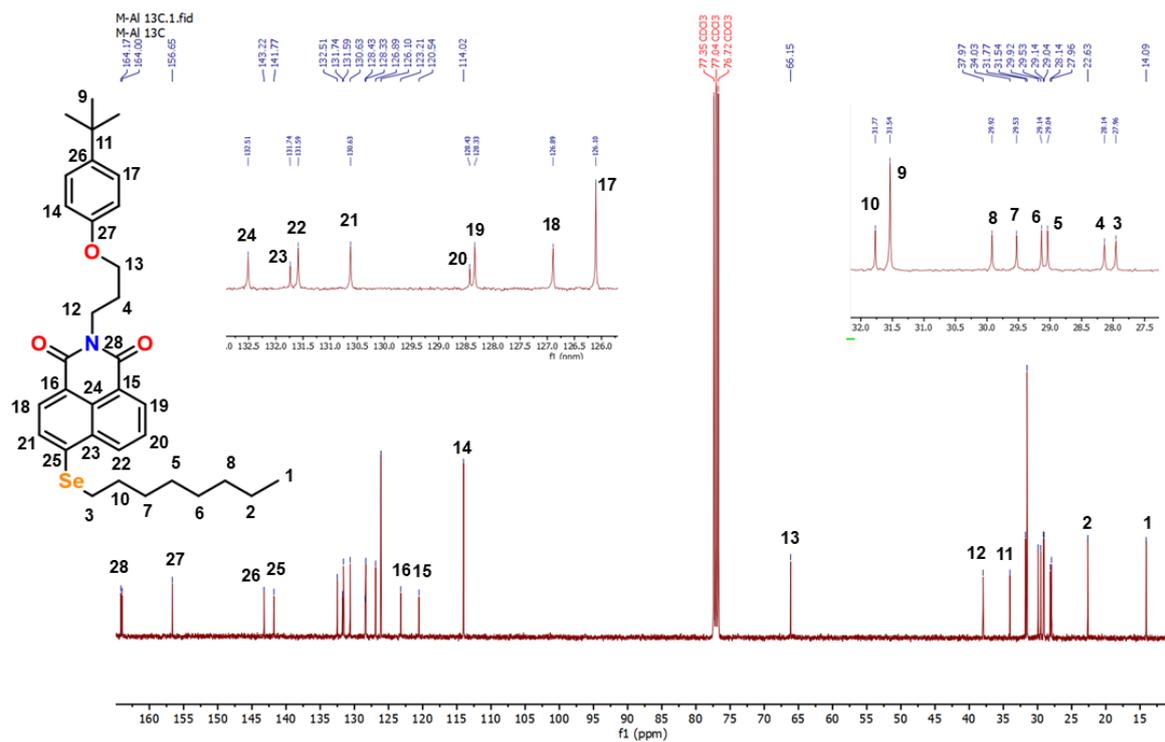


Figure S17. ¹³C NMR spectrum of compound 8.

EXT-VIT-RR-M-AL(500MHz).1.fid
EXT-VIT-RR-M-AL(500MHz)

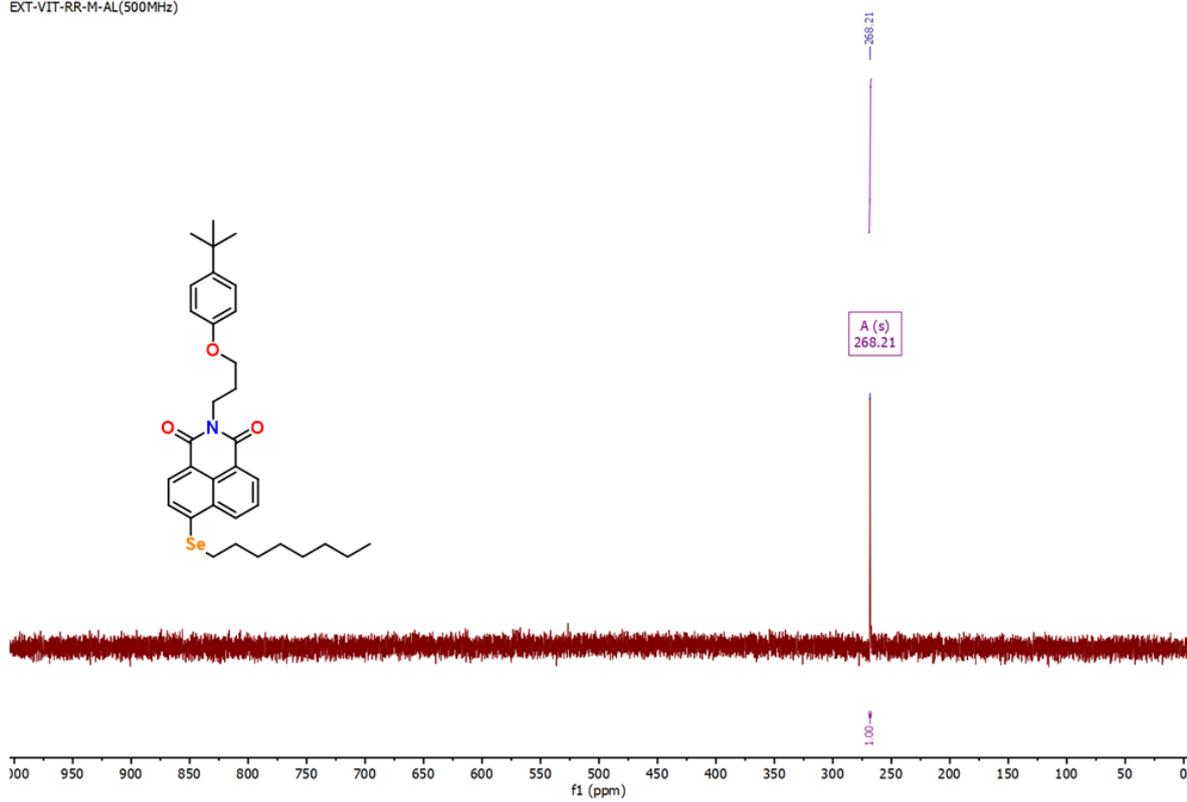


Figure S18. ^{77}Se NMR spectrum of compound 8.

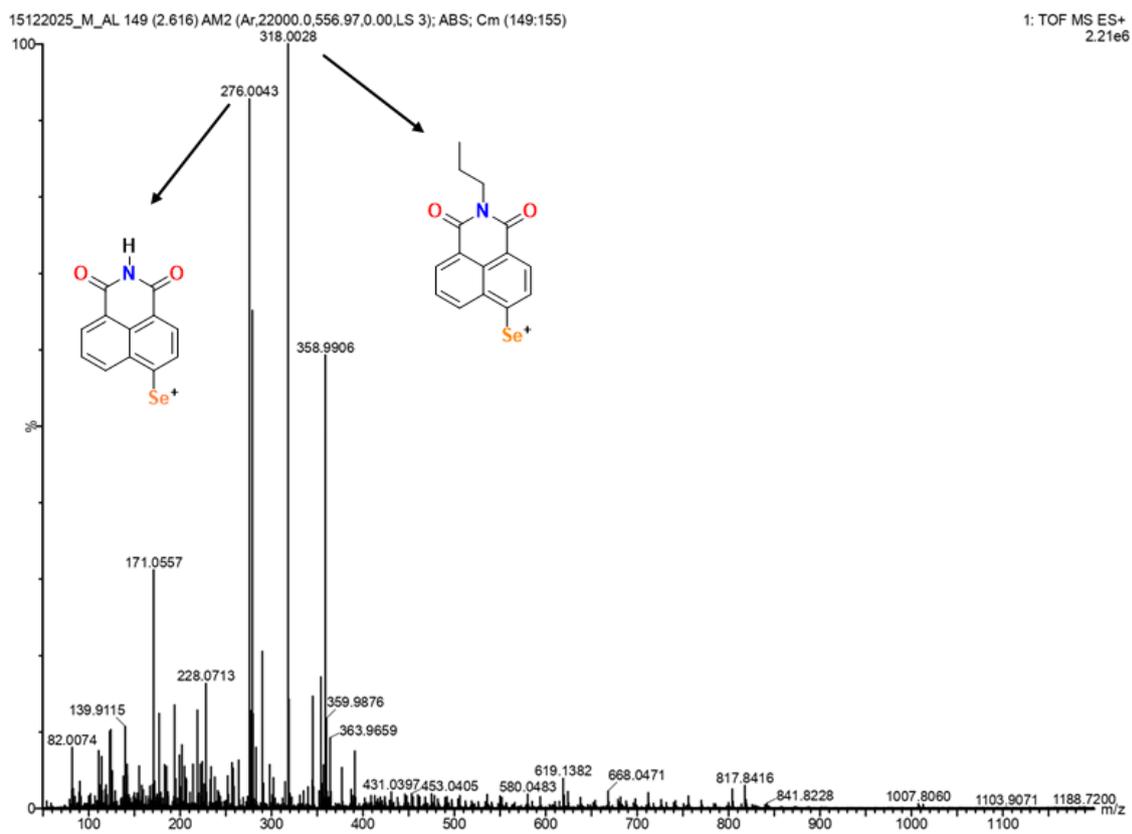


Figure S19. HRMS (ESI)⁺ spectrum of compound **8**.

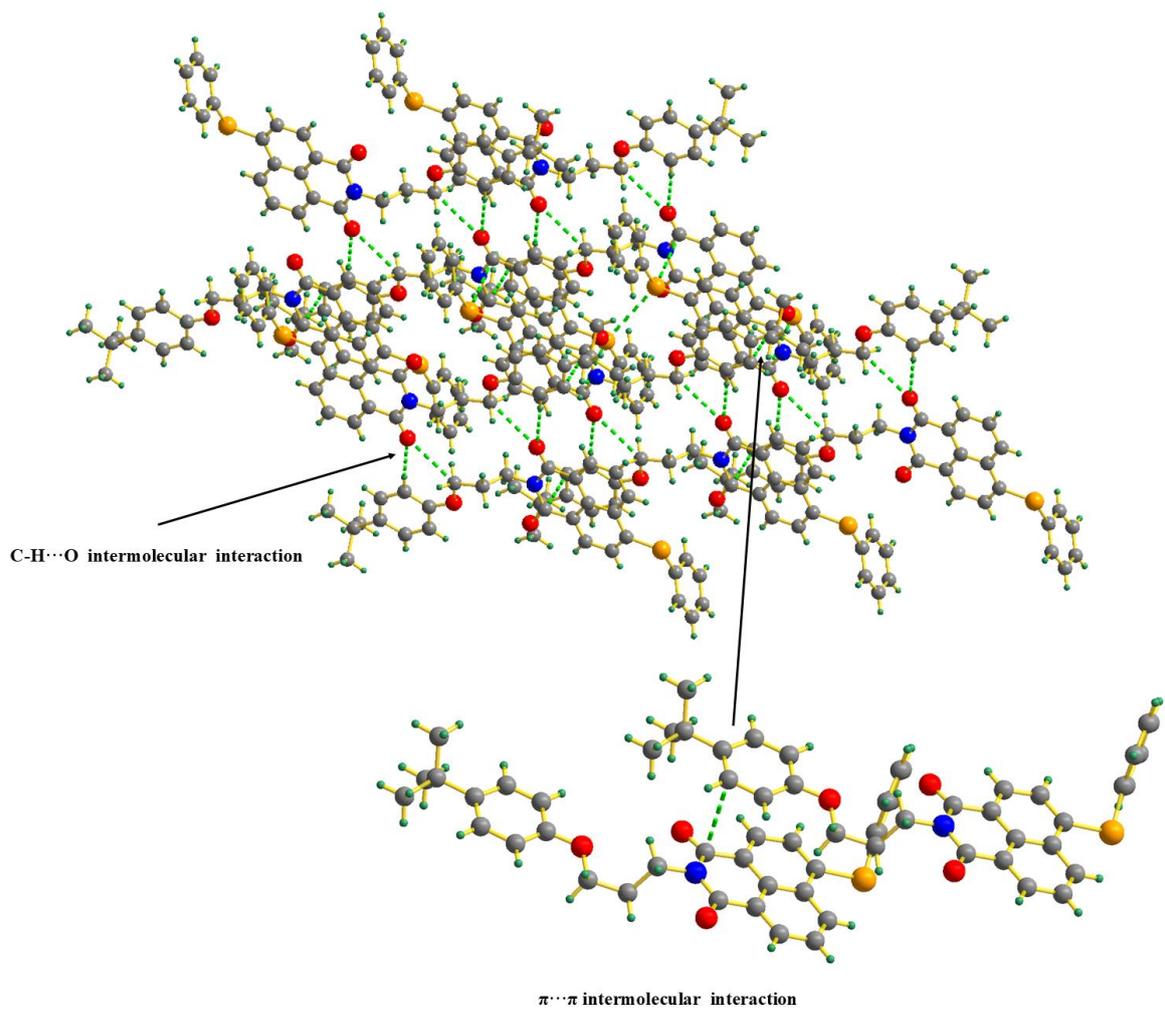


Figure S20. Packing diagram of compound 7.

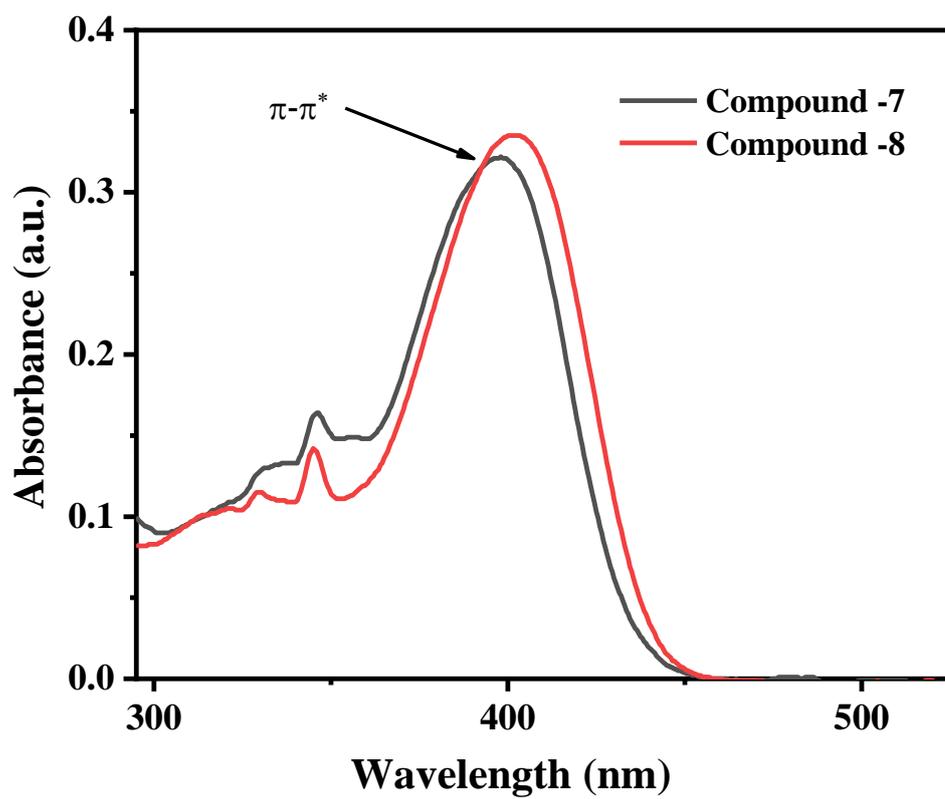


Figure S21. Absorption spectrum of compounds 7 and 8.