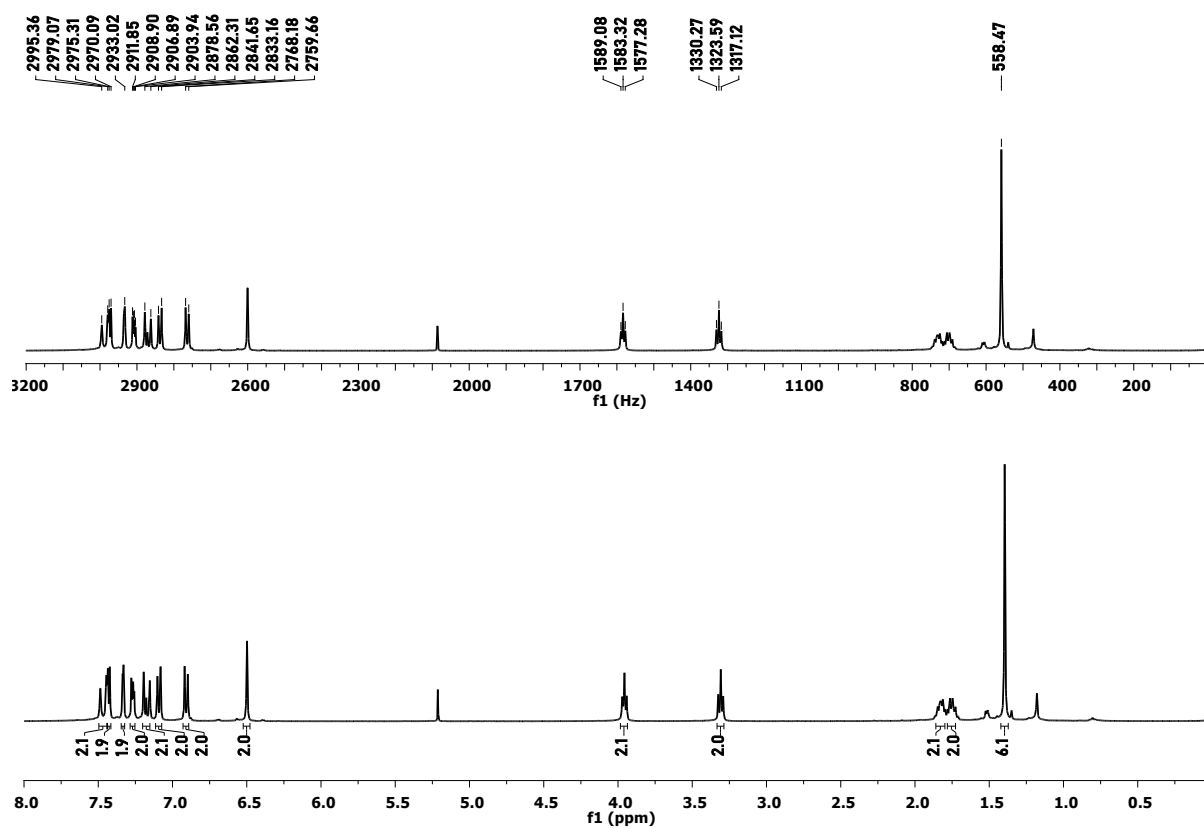
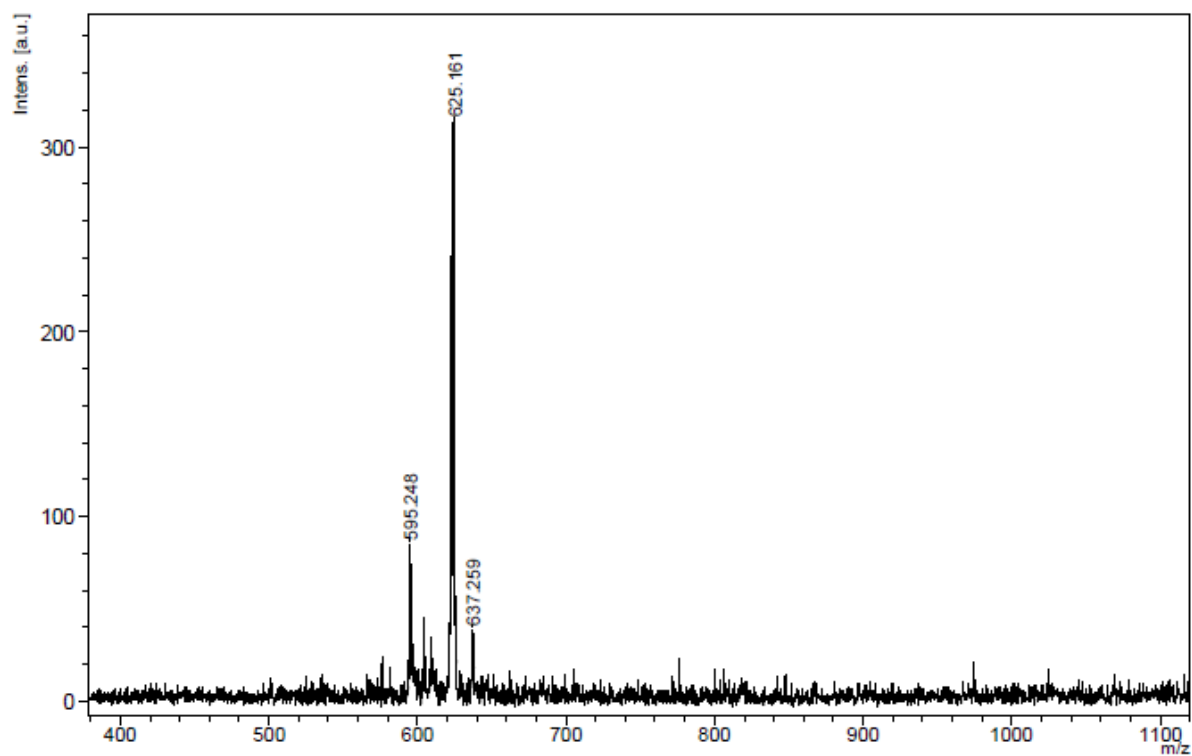


**Thiophene BODIPY-substituted cyclotriphosphazene-derived photosensitizers for photodynamic
therapy applications**

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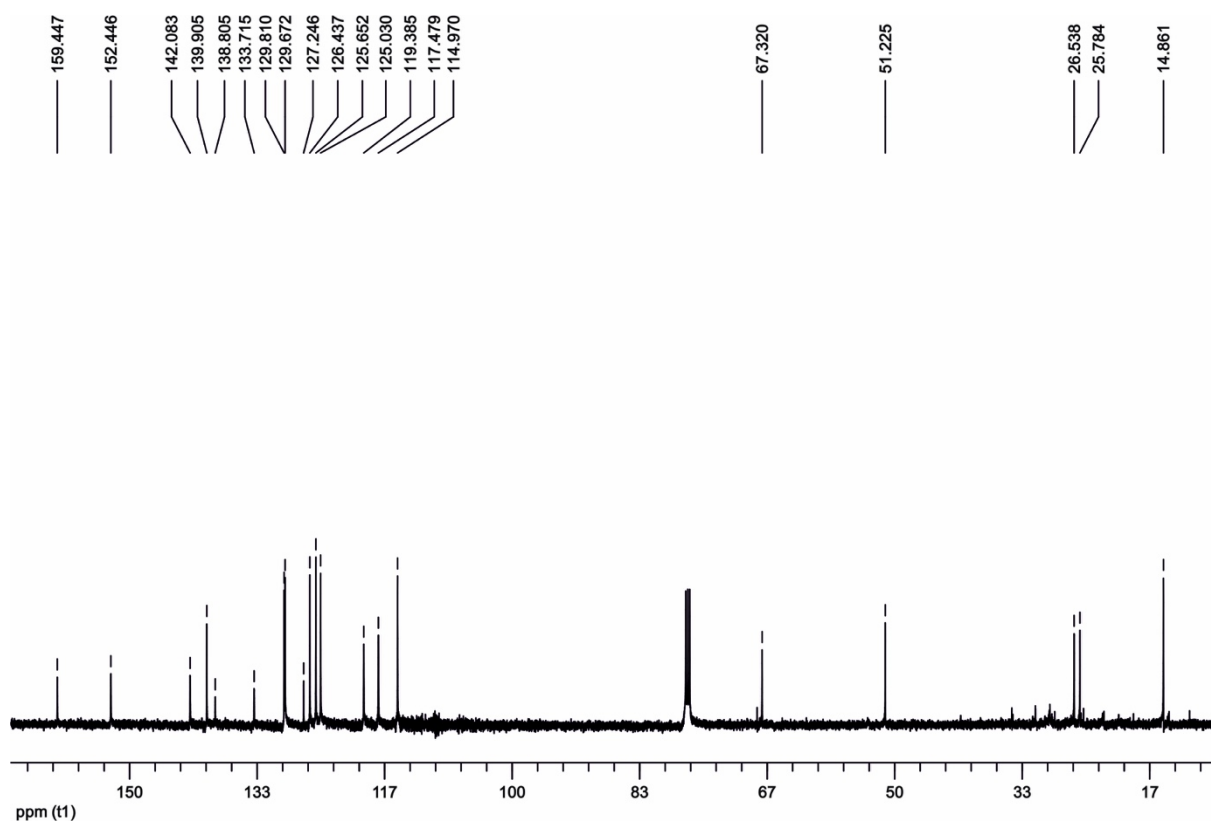


Fig. S3. The ^{13}C NMR spectrum of compound **6**

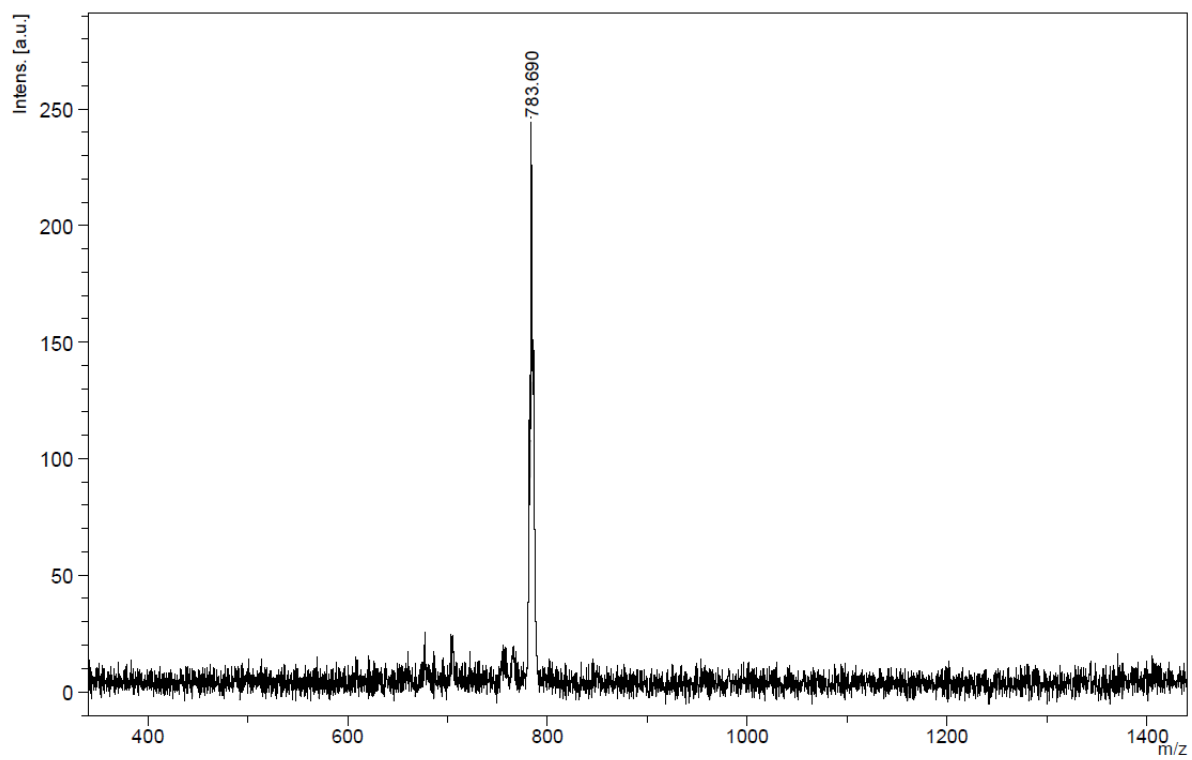


Fig. S4. The MALDI-TOF mass spectrum of compound **7**

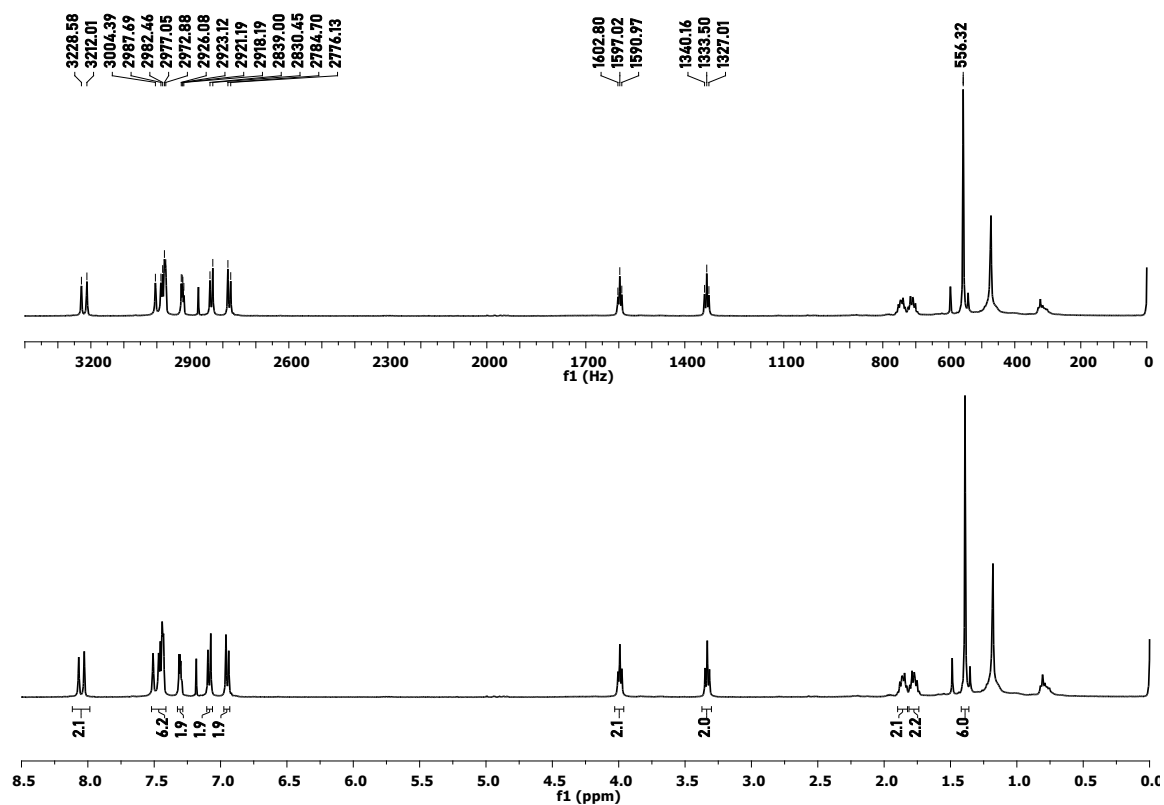


Fig. S5. The ¹H NMR spectrum of compound 7

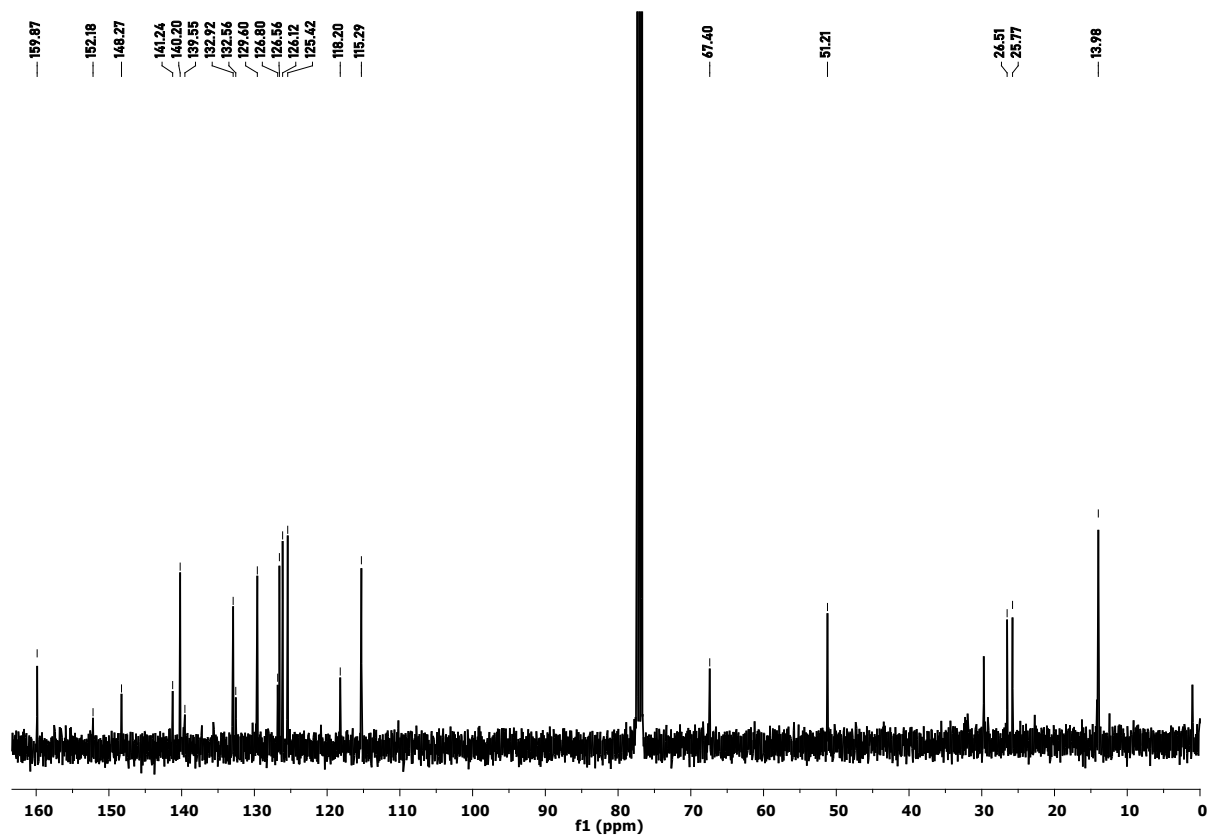


Fig. S6. The ¹³C NMR spectrum of compound 7

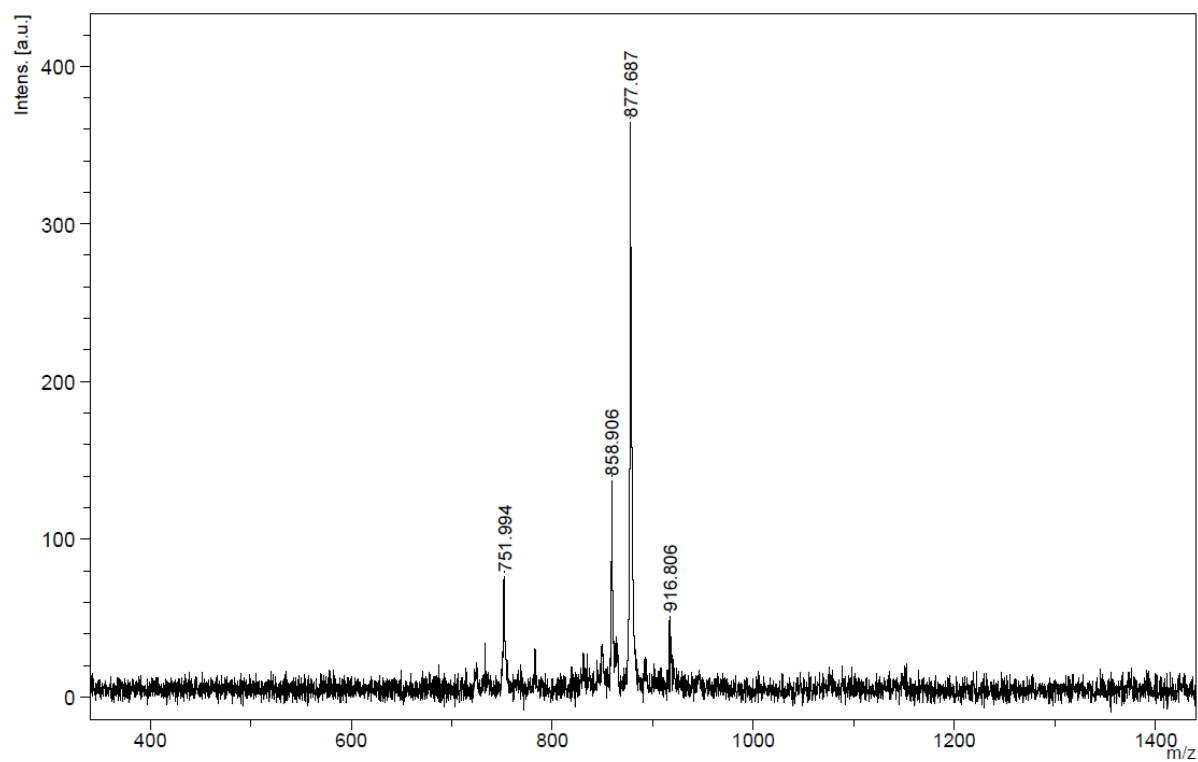


Fig. S7. The MALDI-TOF mass spectrum of compound **8**

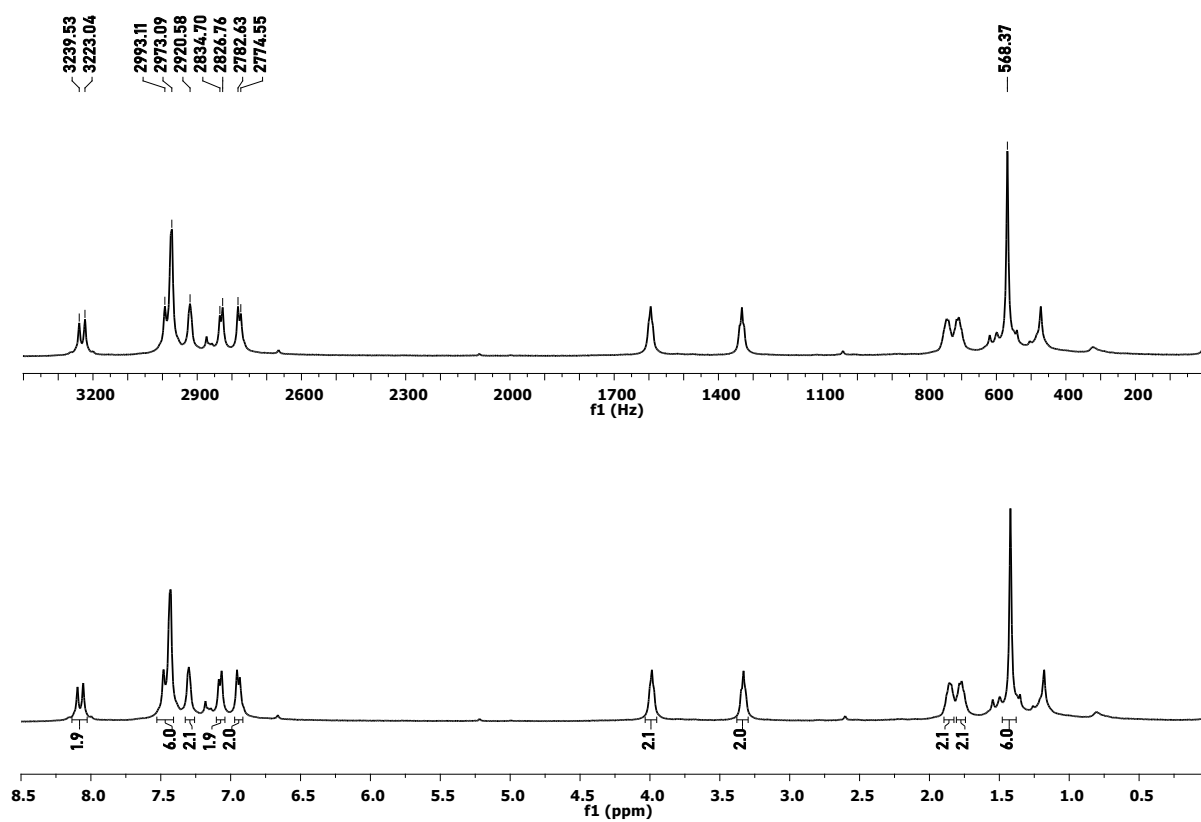


Fig. S8. The ¹H NMR spectrum of compound **8**

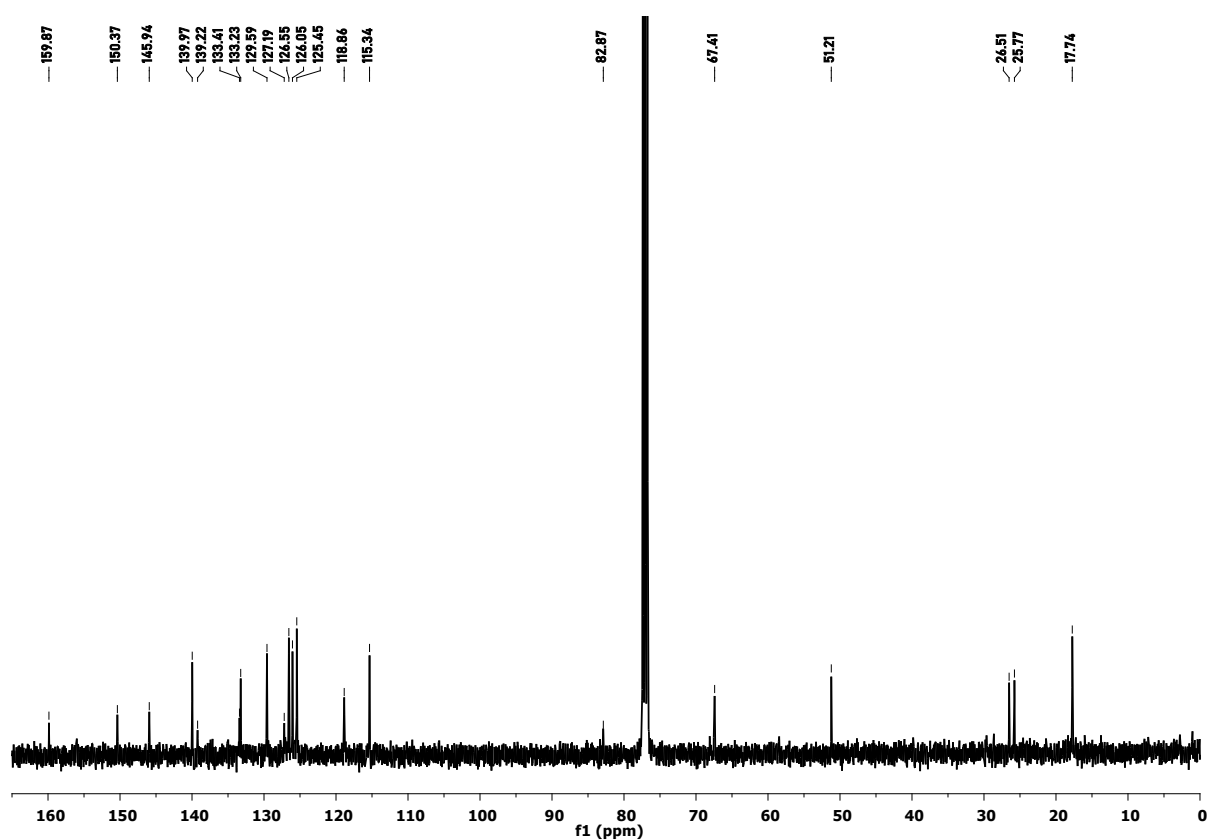


Fig. S9. The ^{13}C NMR spectrum of compound **8**

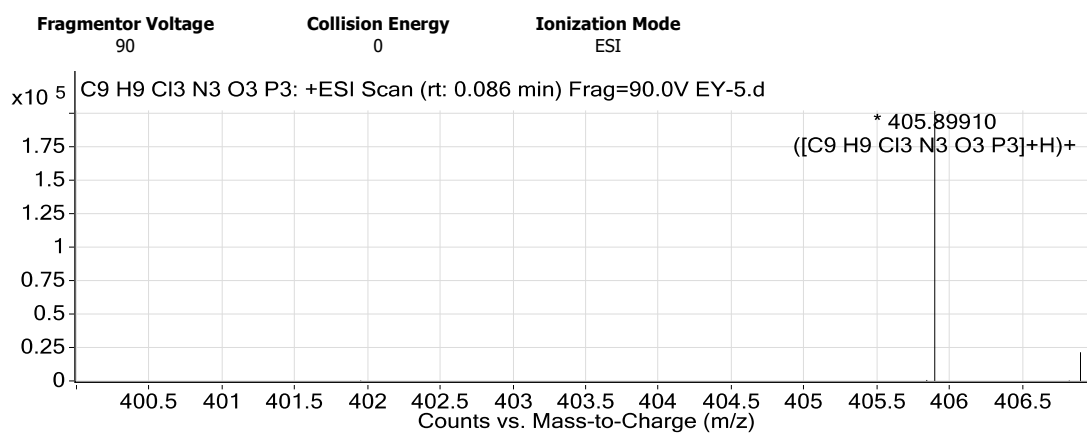


Fig. S10. The Q-TOF mass spectrum of compound **9**

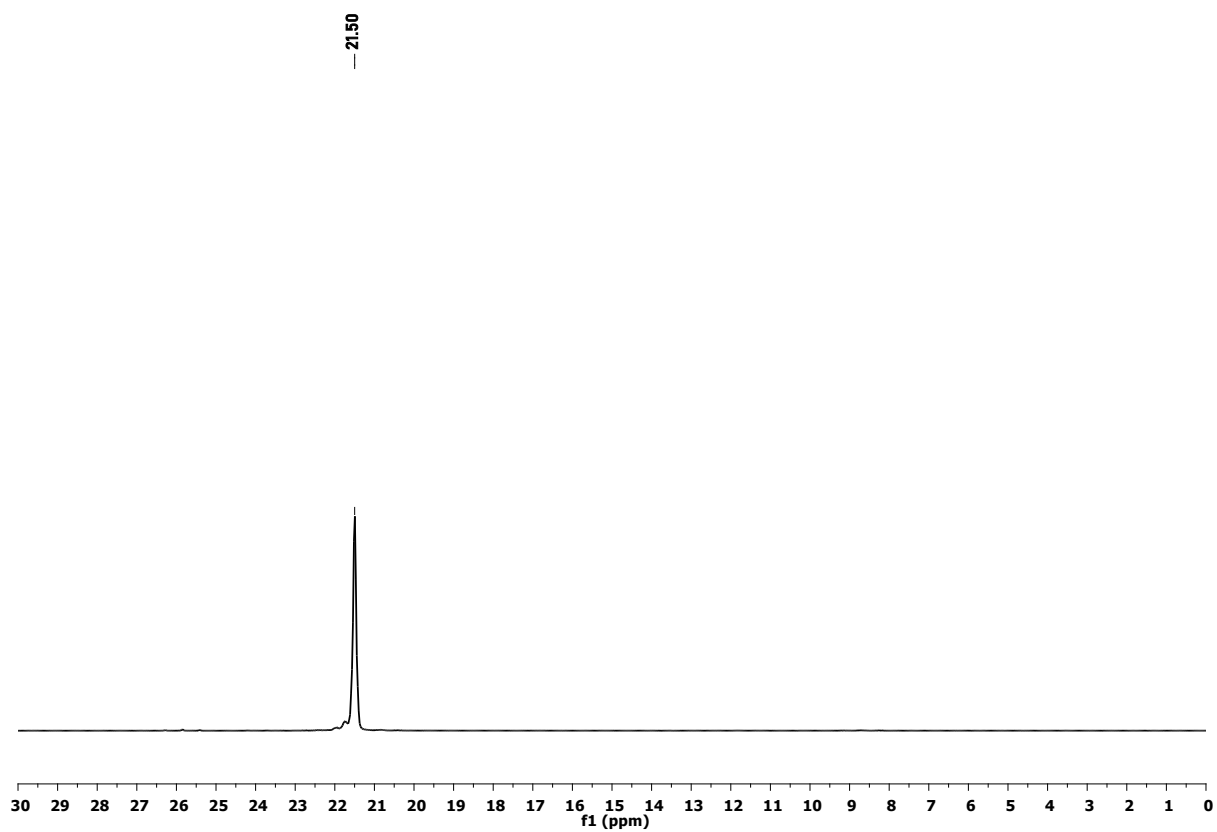


Fig. S11. The proton decoupled ^{31}P NMR spectrum of compound **9**

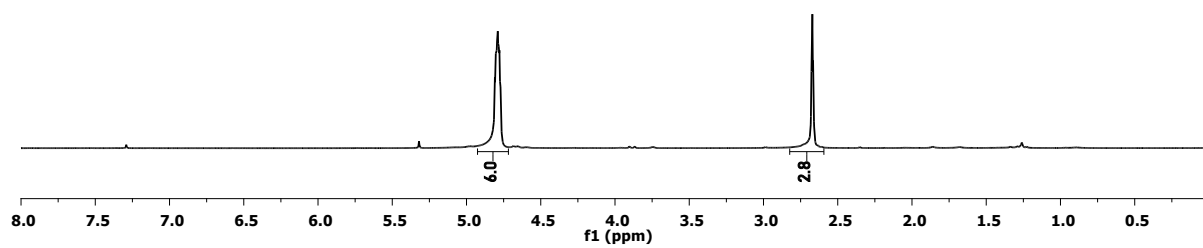


Fig. S12. The ^1H NMR spectrum of compound **9**

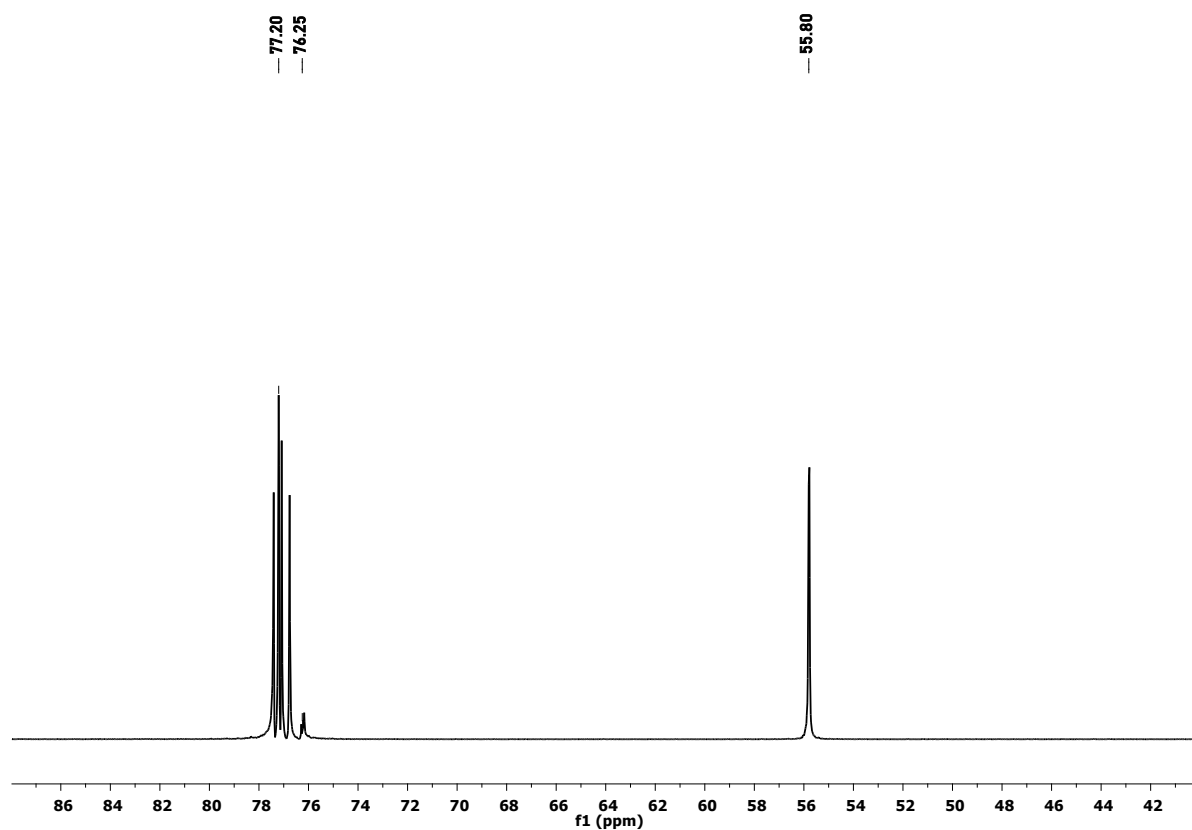


Fig. S13. The ^{13}C NMR spectrum of compound **9**

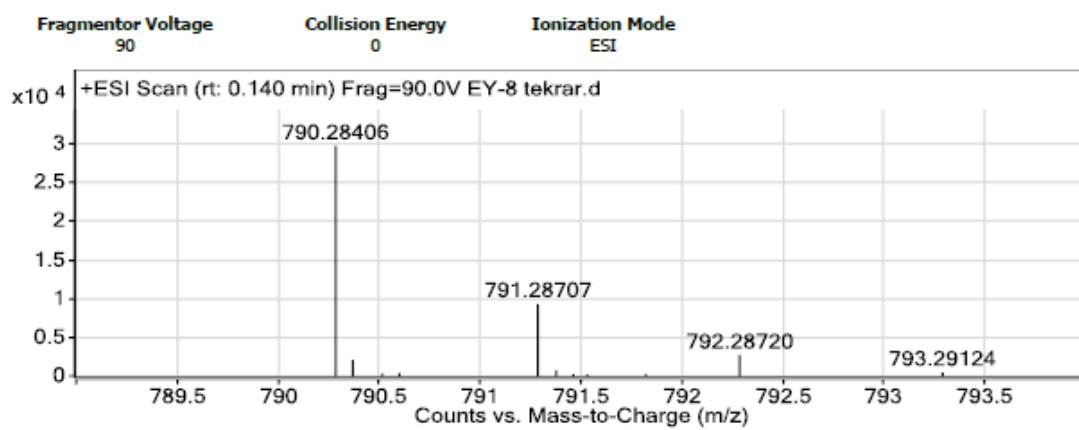


Fig. S14. The Q-TOF mass spectrum of compound **10**

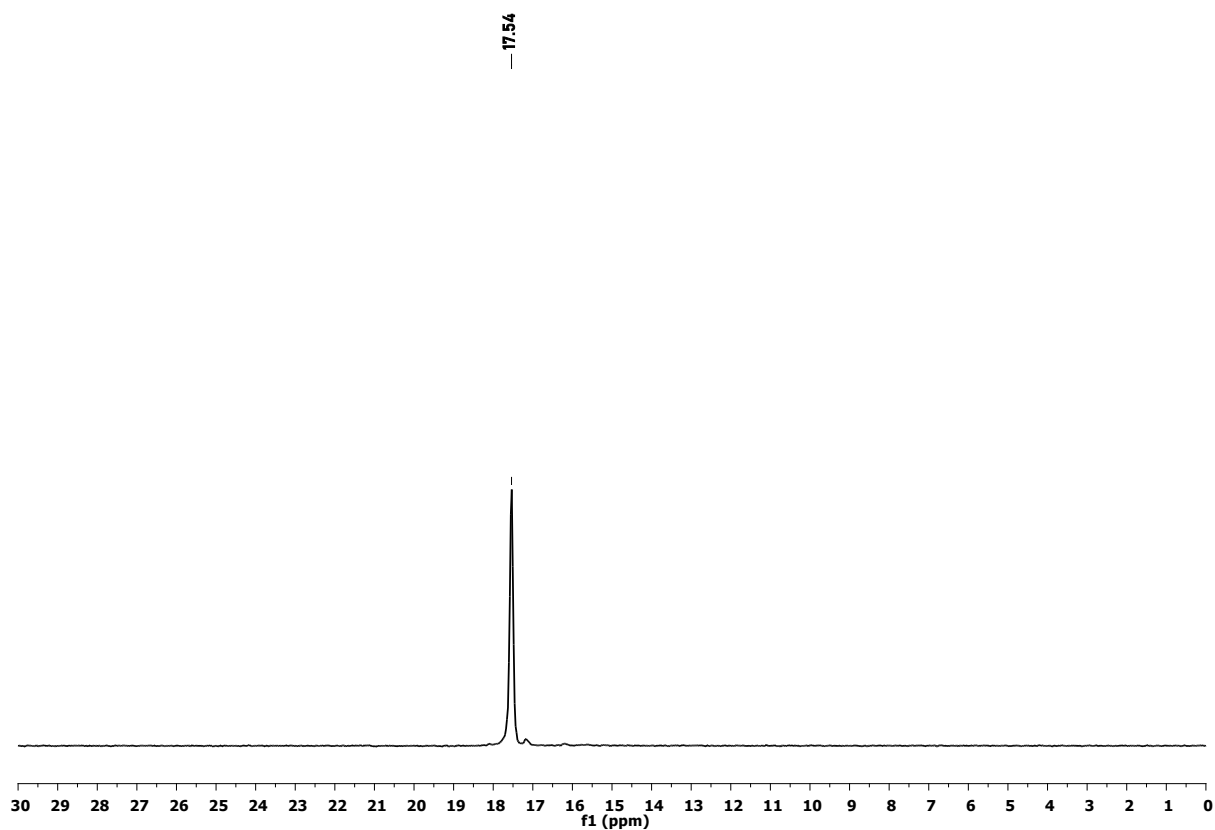


Fig. S15. The proton decoupled ^{31}P NMR spectrum of compound **10**

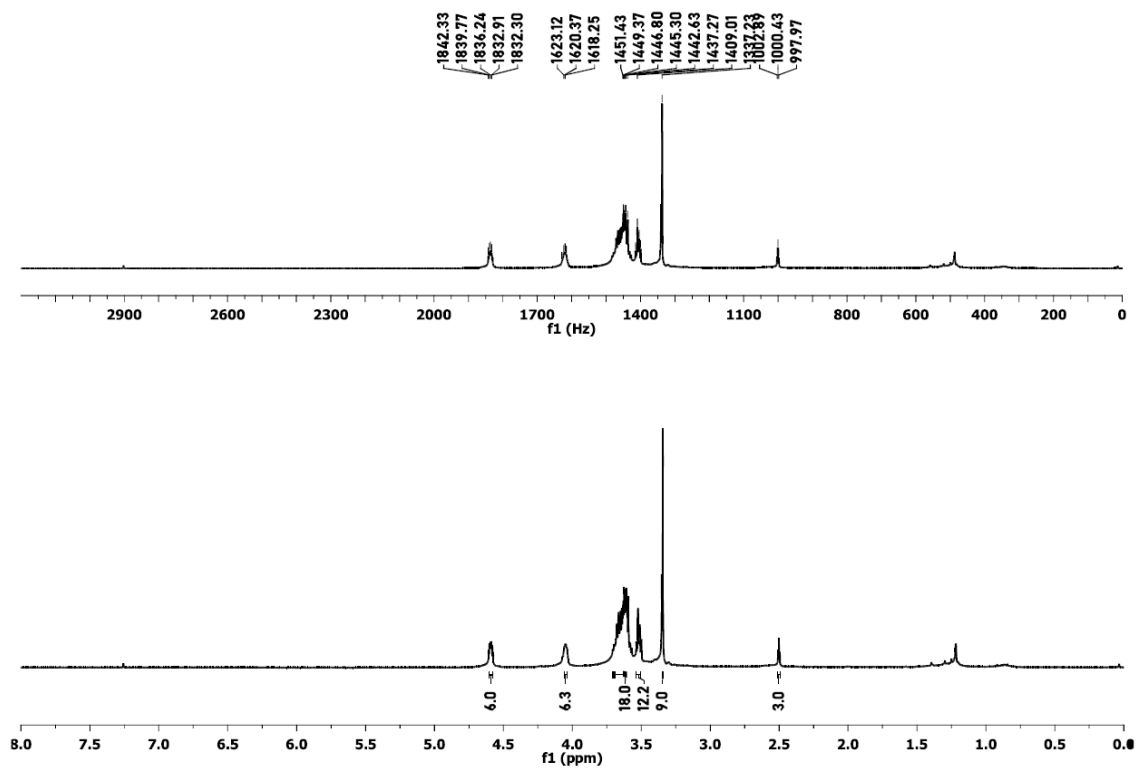


Fig. S16. The ^1H NMR spectrum of compound **10**

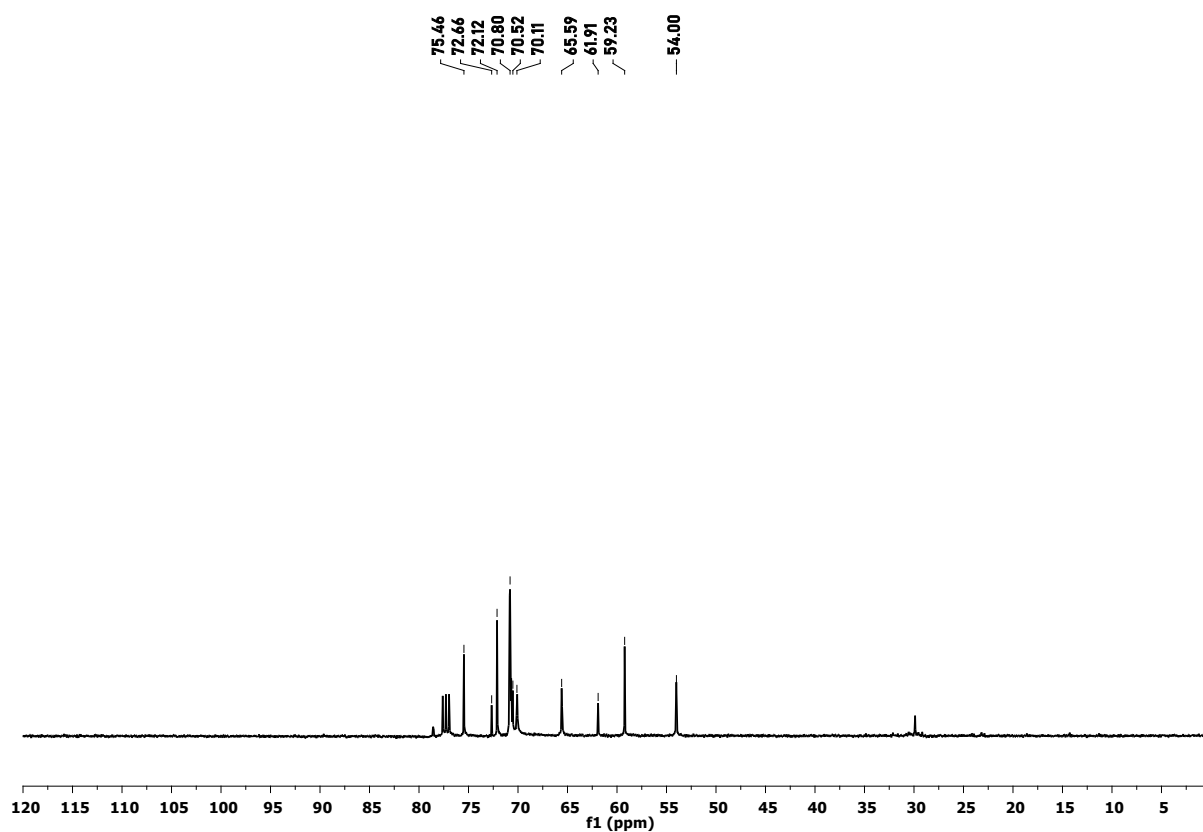


Fig. S17. The ^{13}C NMR spectrum of compound **10**

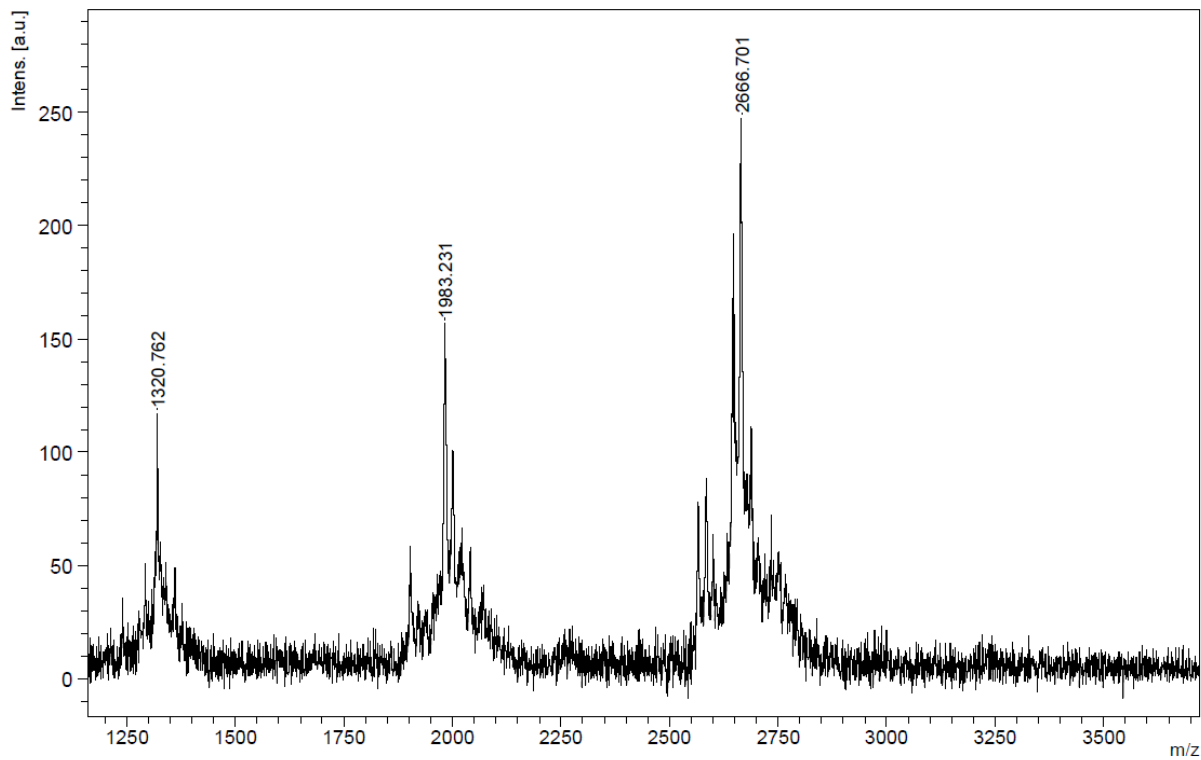


Fig. S18. The MALDI TOF mass spectrum of compound **11**

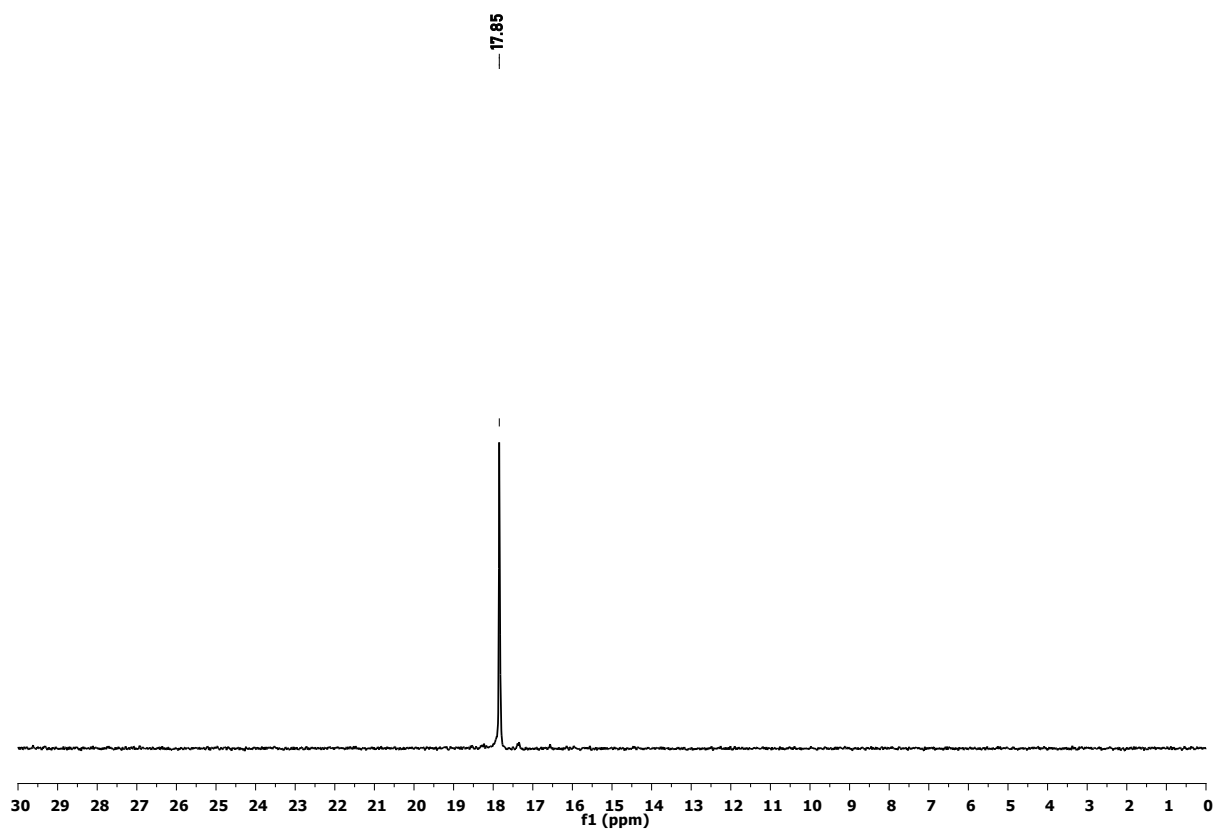
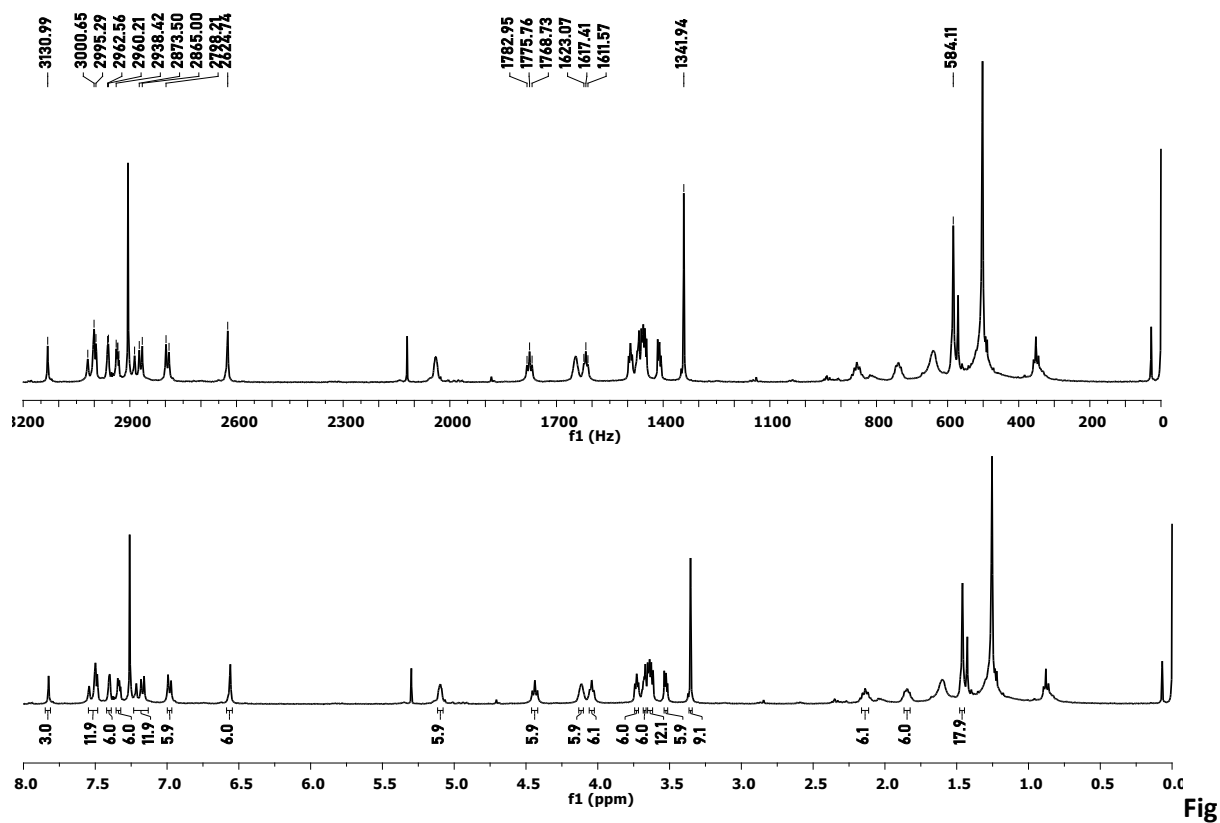


Fig. S19. The proton decoupled ^{31}P NMR spectrum of compound **11**



. S20. The ^1H NMR spectrum of compound **11**

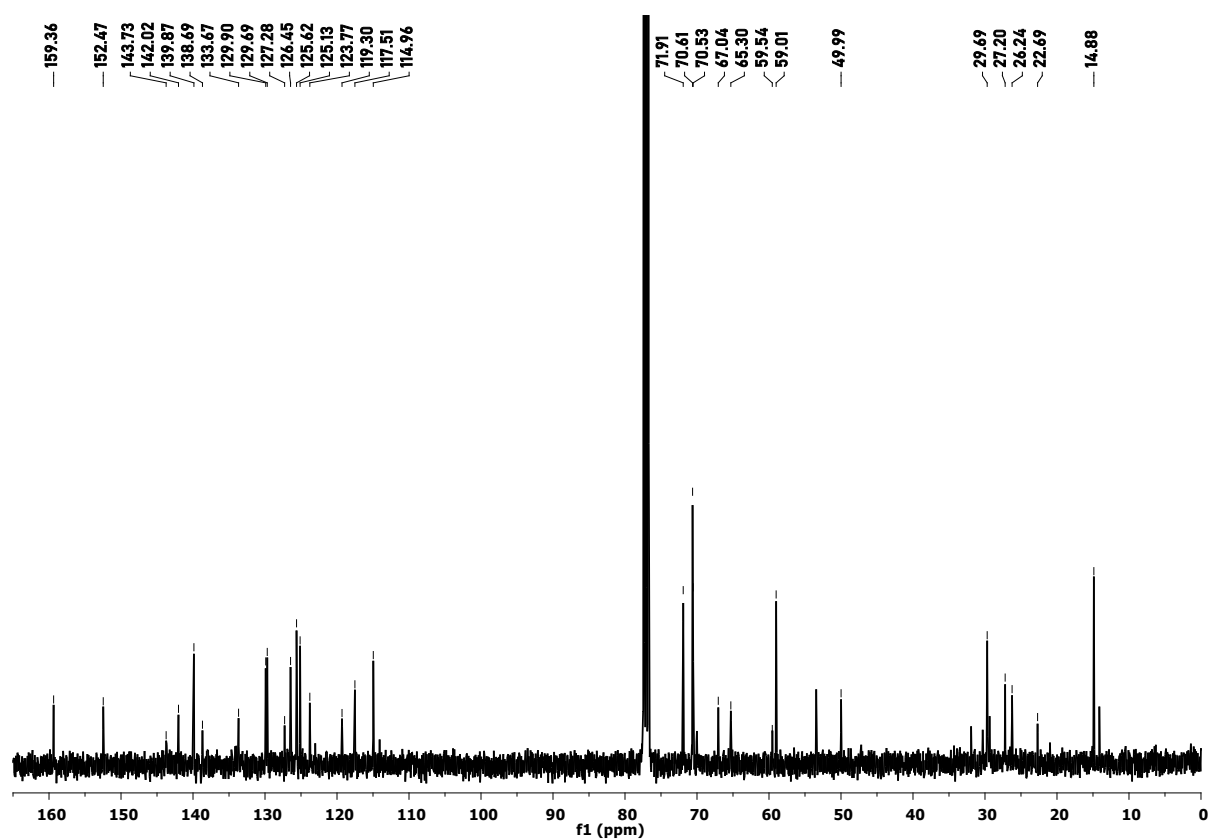


Fig. S21. The ^{13}C NMR spectrum of compound **11**

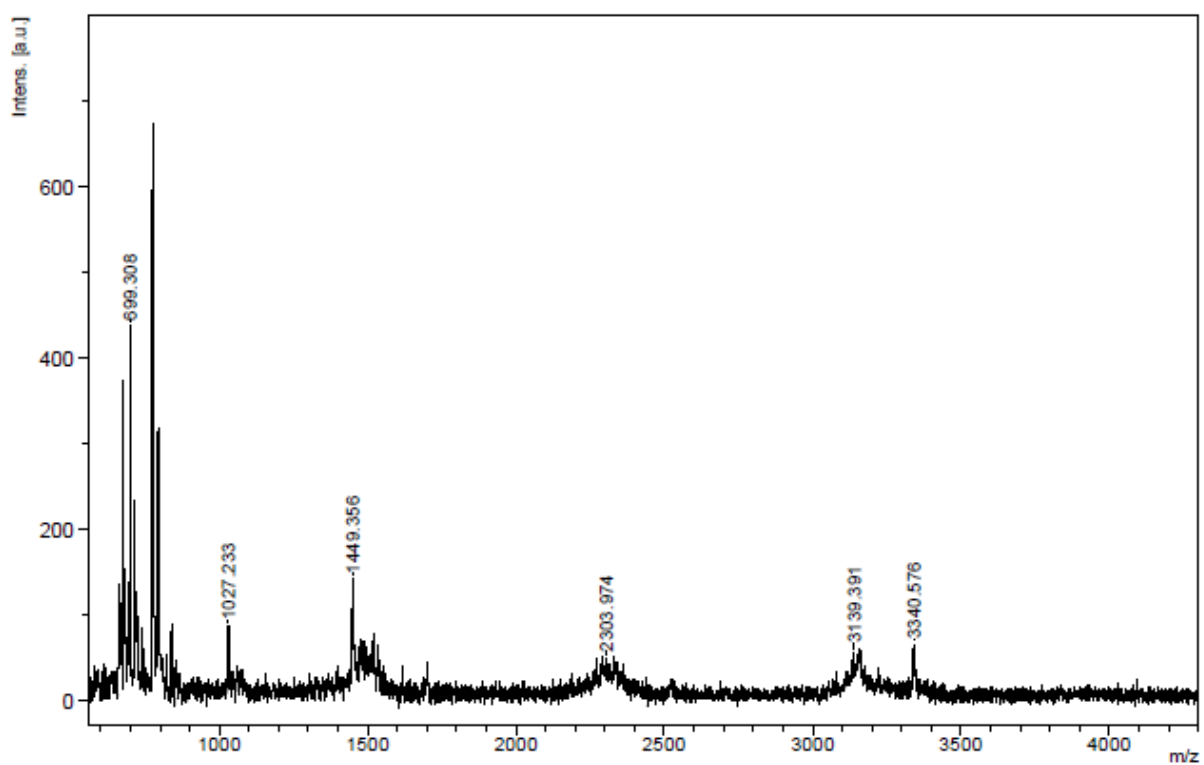


Fig. S22. The MALDI TOF mass spectrum of compound **12**

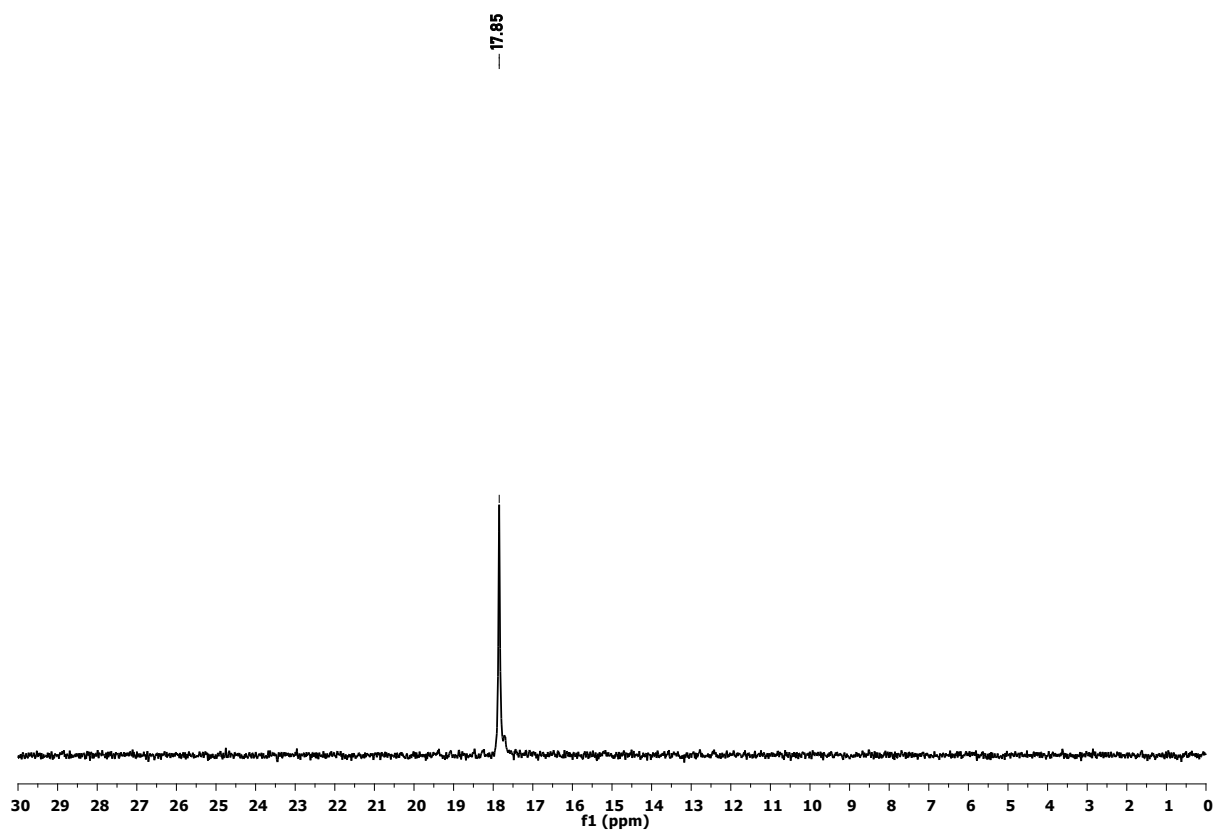


Fig. S23. The proton decoupled ^{31}P NMR spectrum of compound **12**

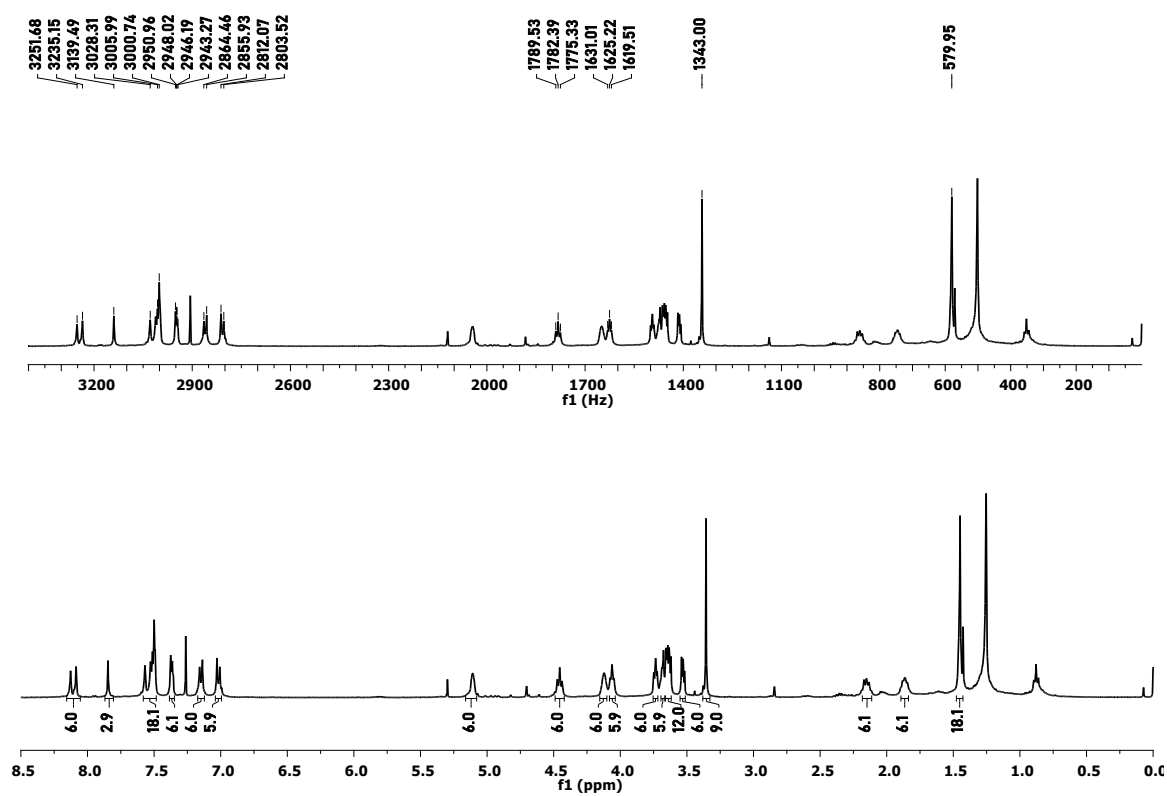


Fig. S24. The ^1H NMR spectrum of compound **12**

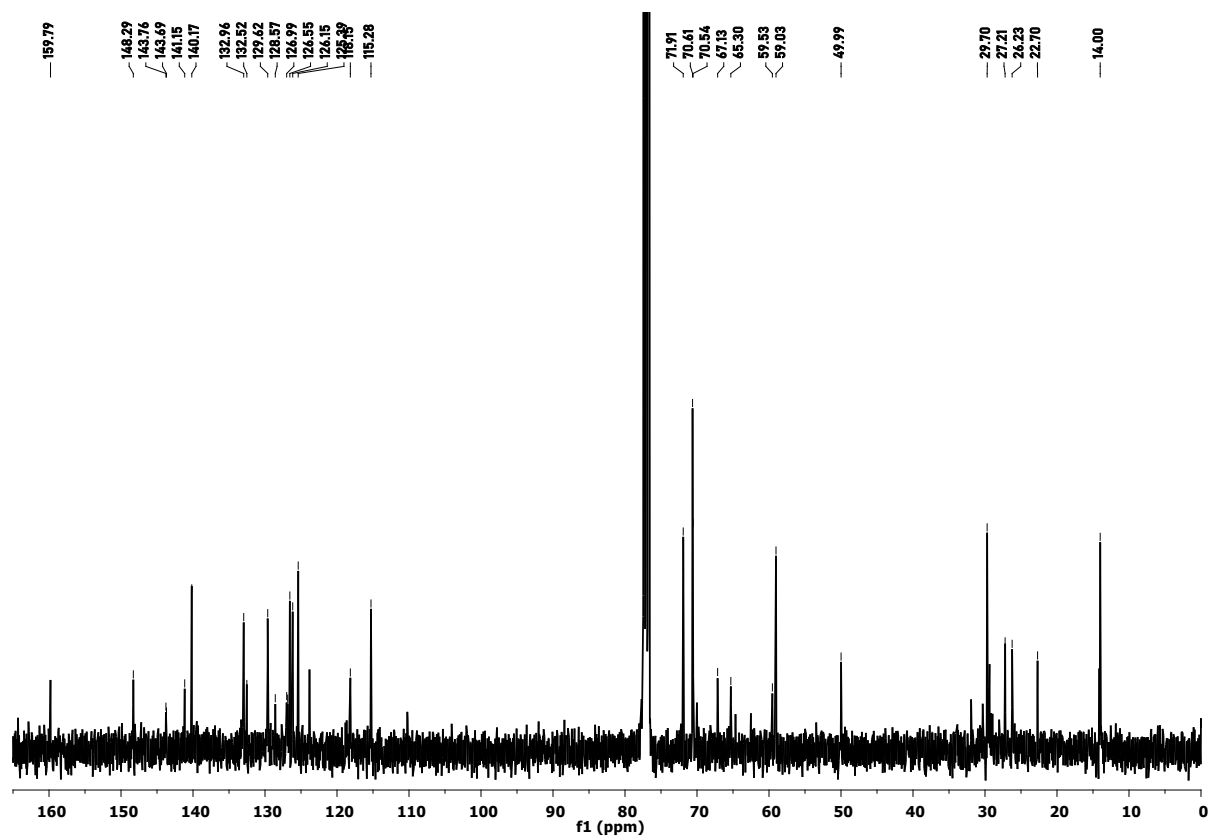


Fig. S25. The ^{13}C NMR spectrum of compound **12**

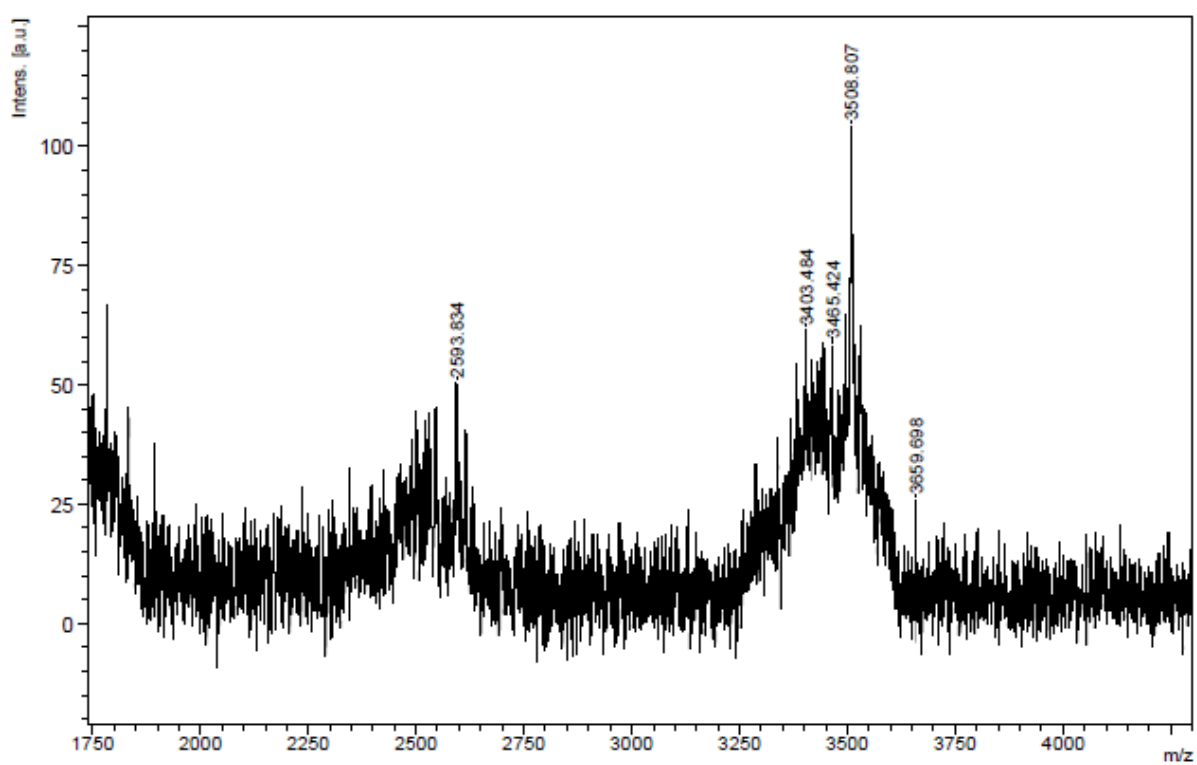


Fig. S26. The MALDI TOF mass spectrum of compound **13**

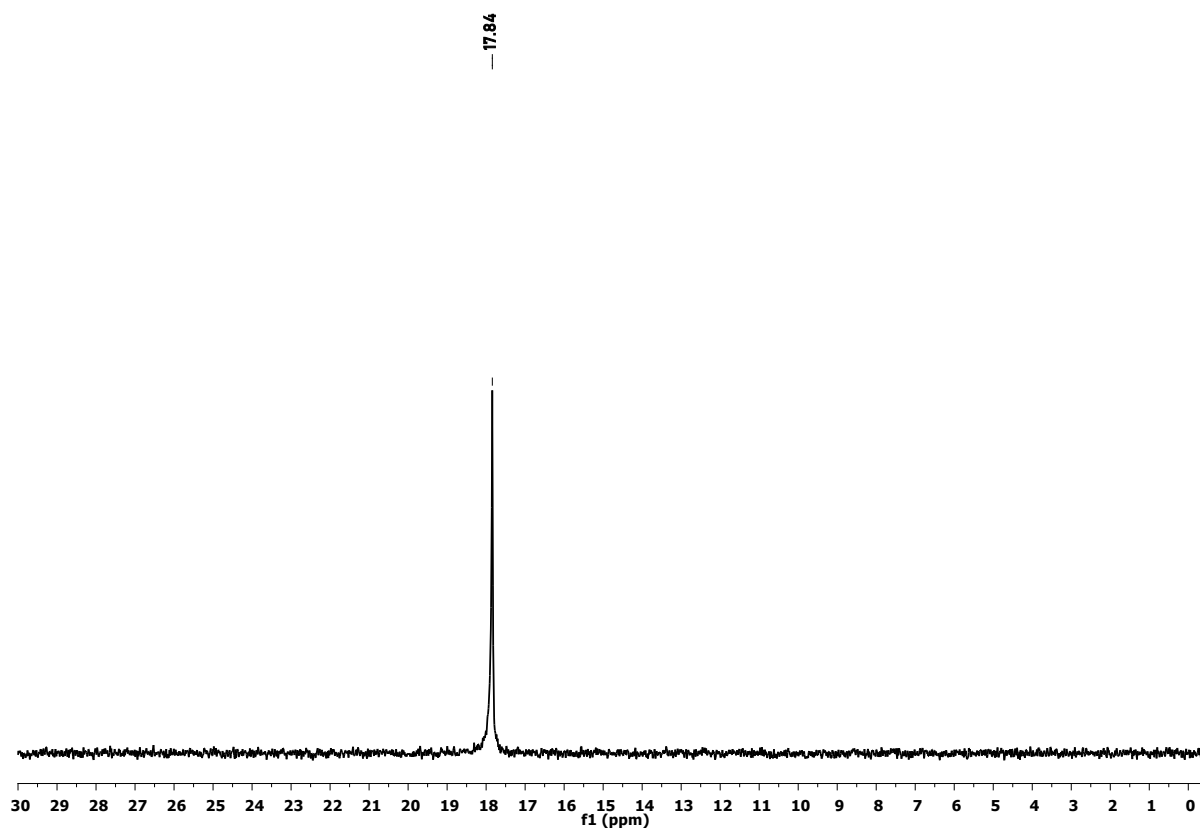


Fig. S27. The proton decoupled ^{31}P NMR spectrum of compound **13**

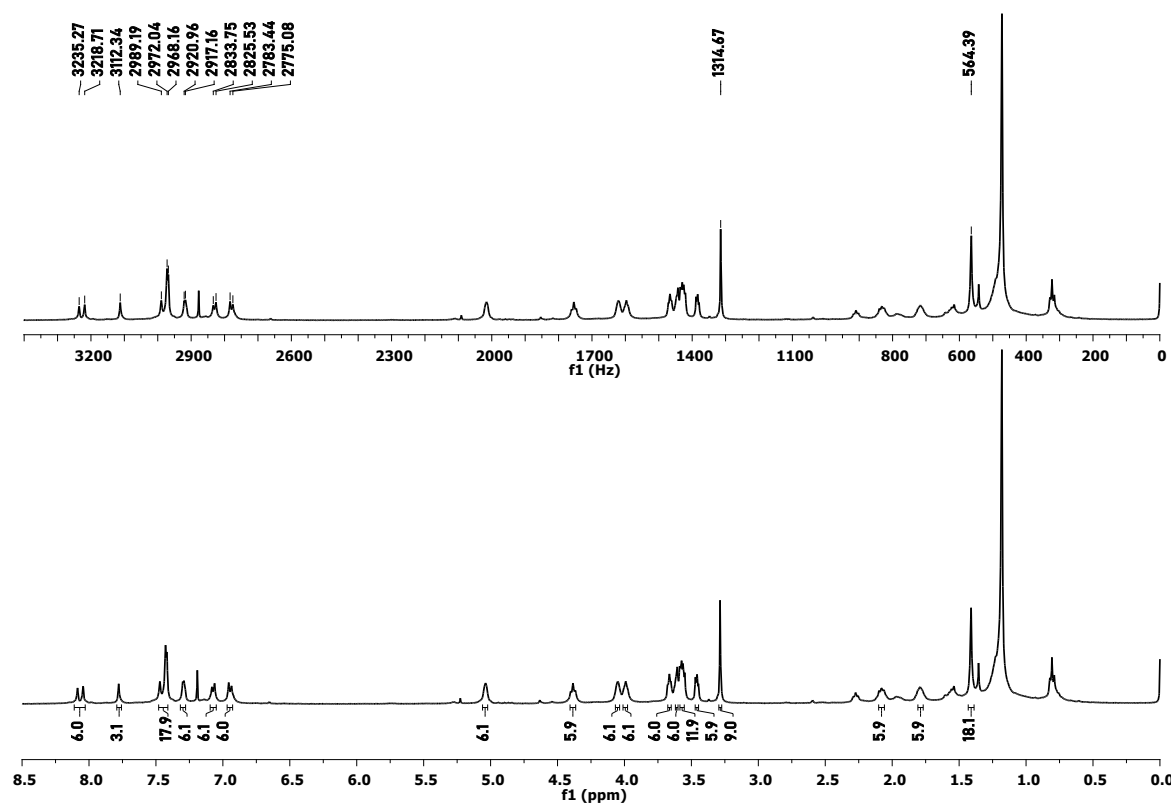


Fig. S28. The ^1H NMR spectrum of compound **13**

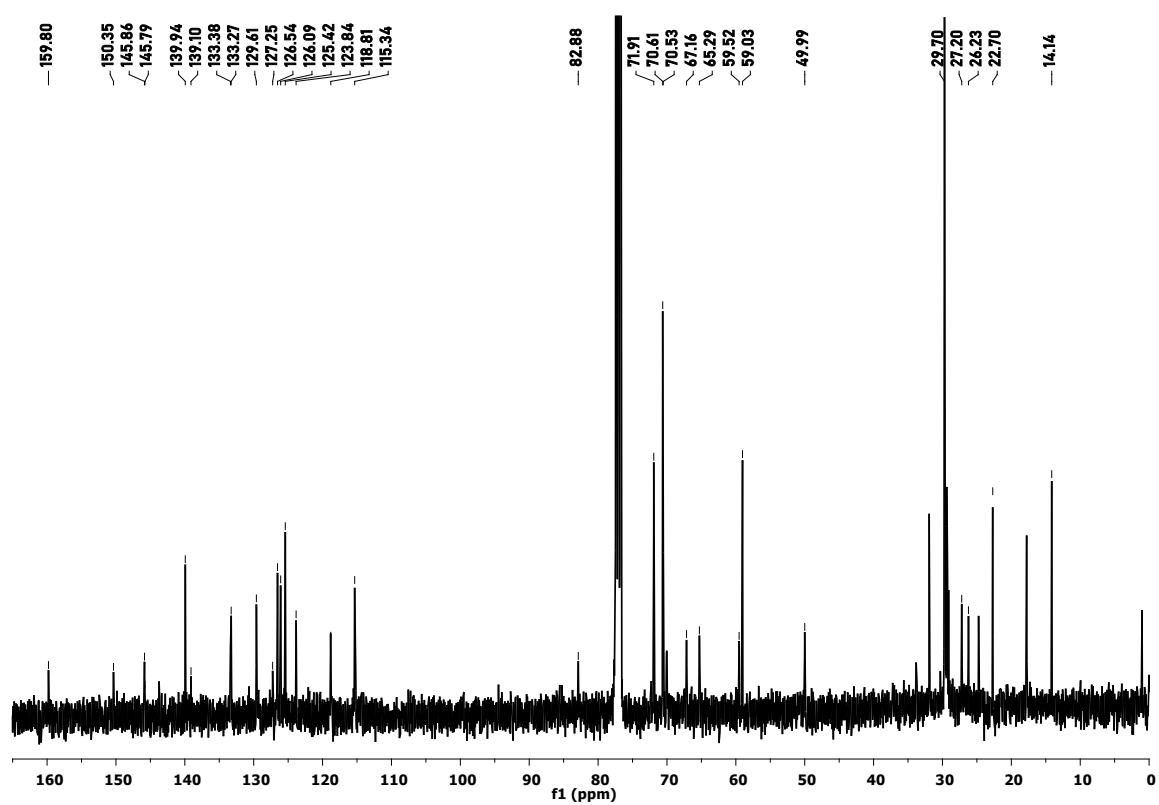


Fig. S29. The ^{13}C NMR spectrum of compound 13

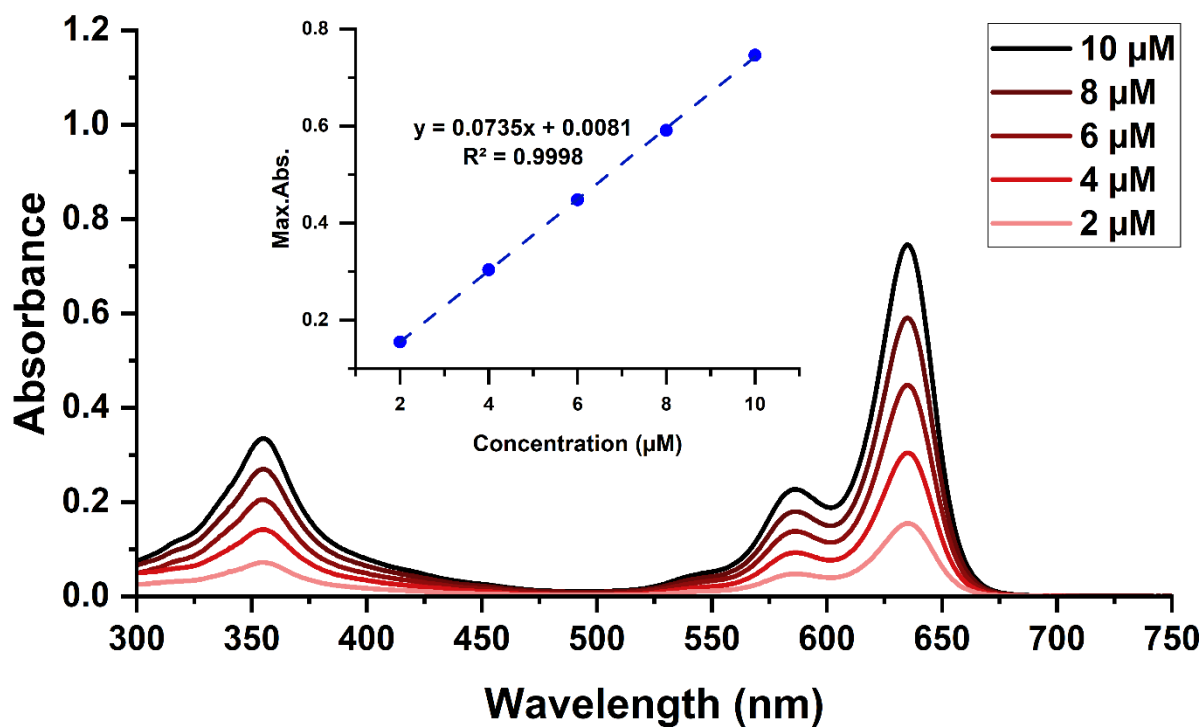


Fig. S30. UV-Vis spectrum of compound 6 in DMSO in the range of 10-2 μM

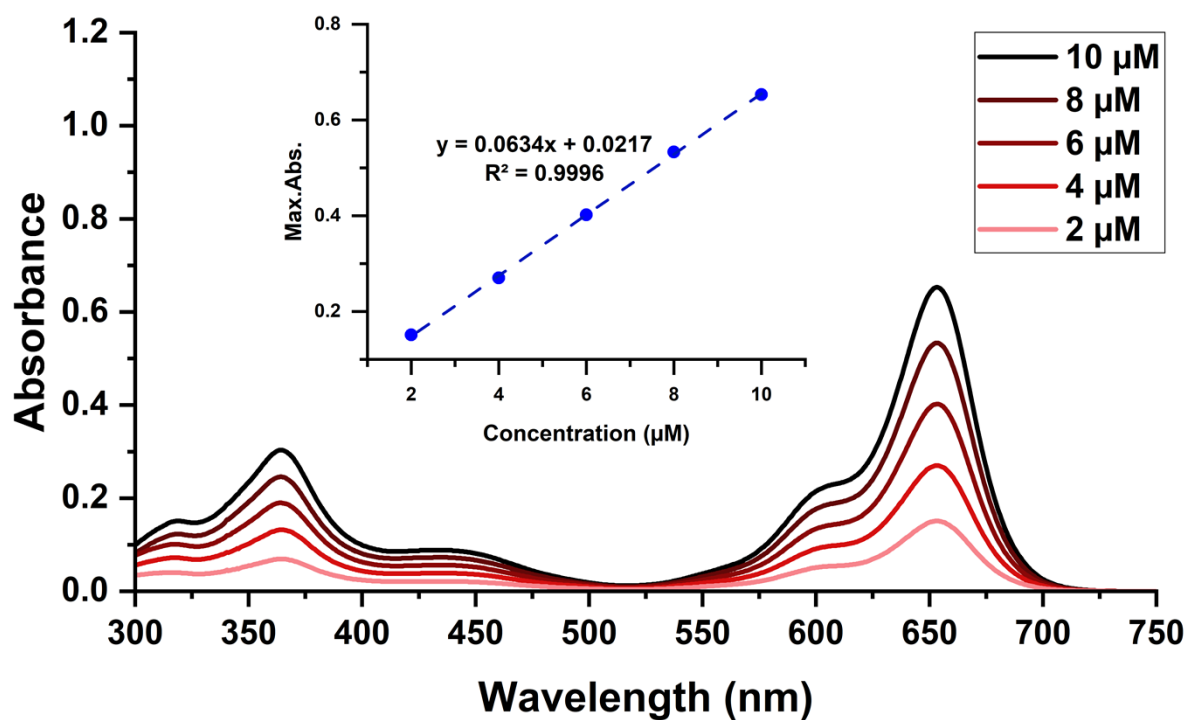


Fig. S31. UV-Vis spectrum of compound 7 in DMSO in the range of 10-2 μM

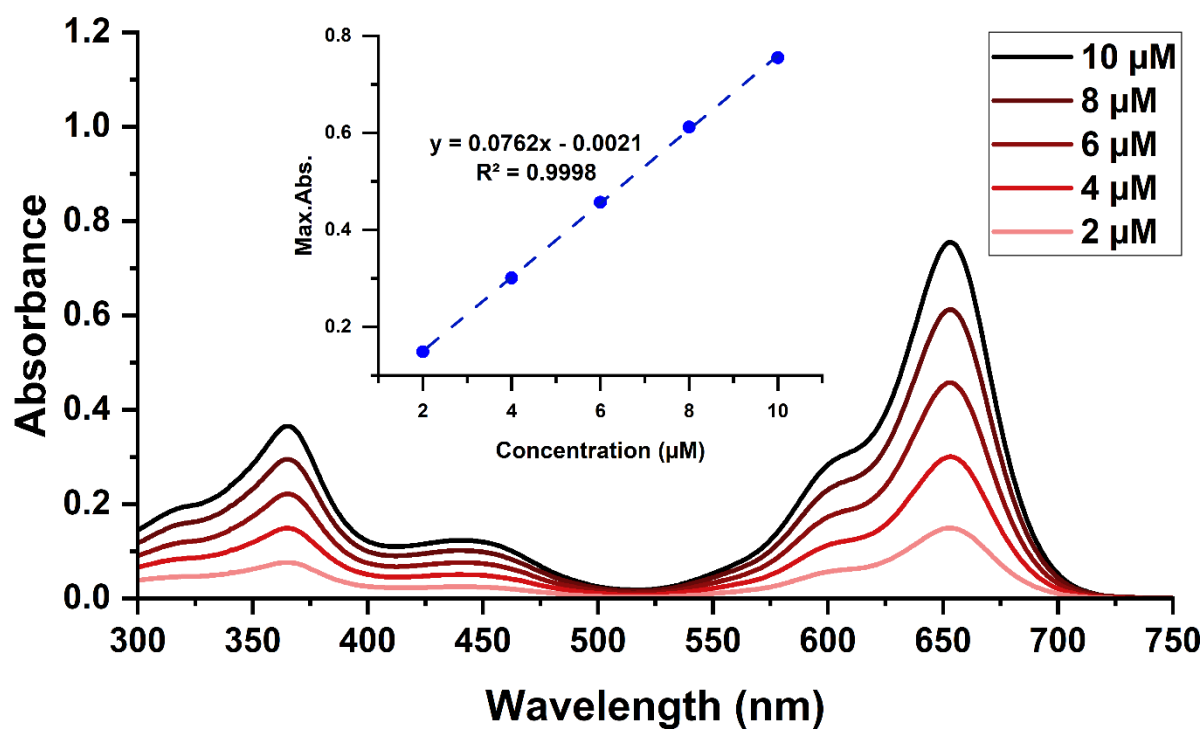


Fig. S32. UV-Vis spectrum of compound 8 in DMSO in the range of 10-2 μM

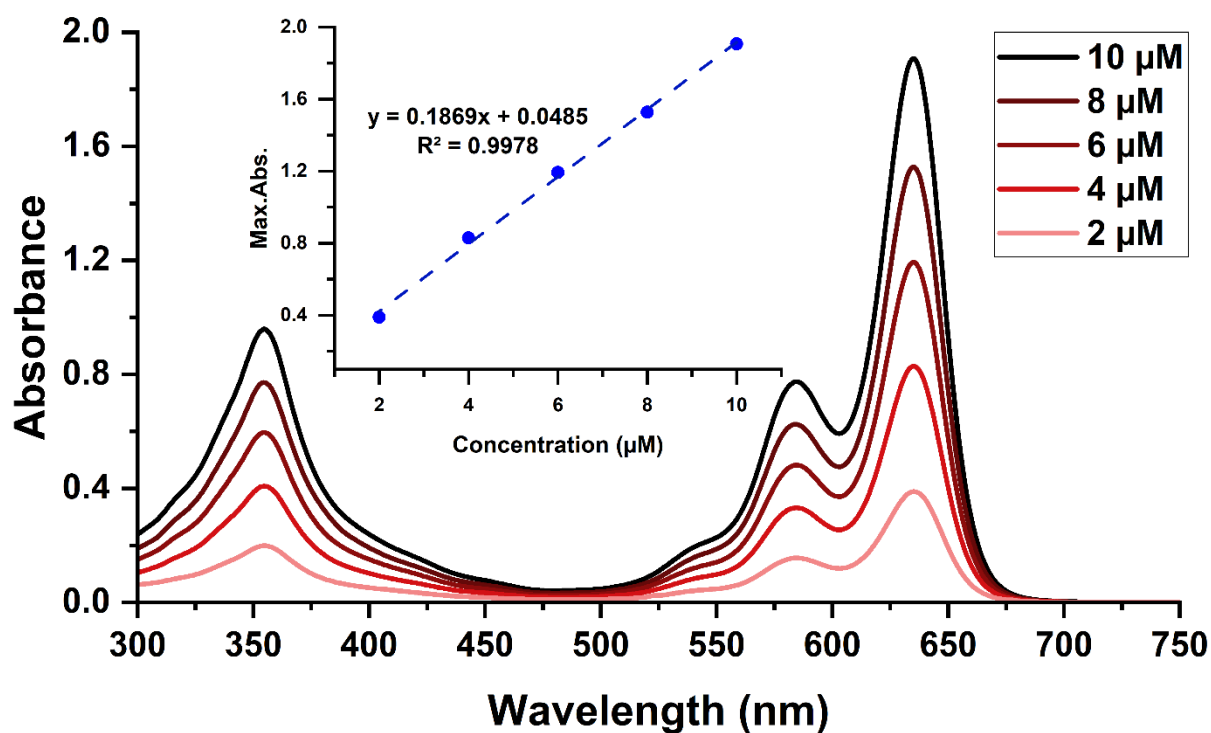


Fig. S33. UV-Vis spectrum of compound 11 in DMSO in the range of 10-2 μM

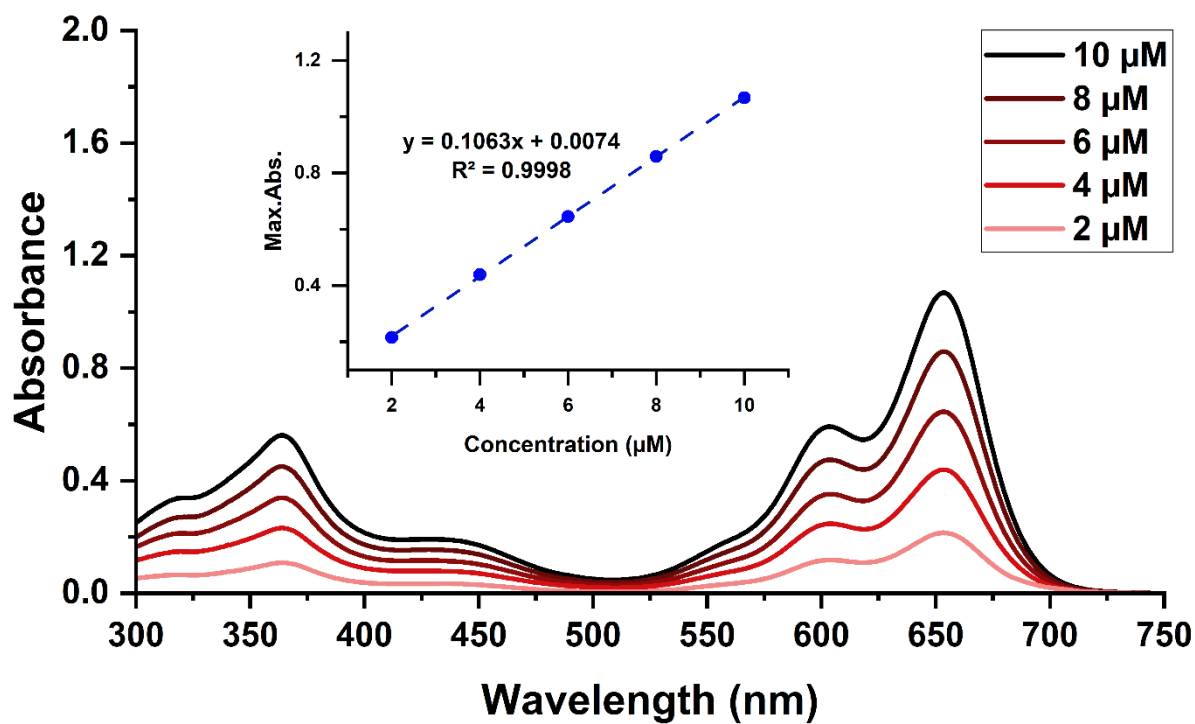


Fig. S34. UV-Vis spectrum of compound **12** in DMSO in the range of 10-2 µM

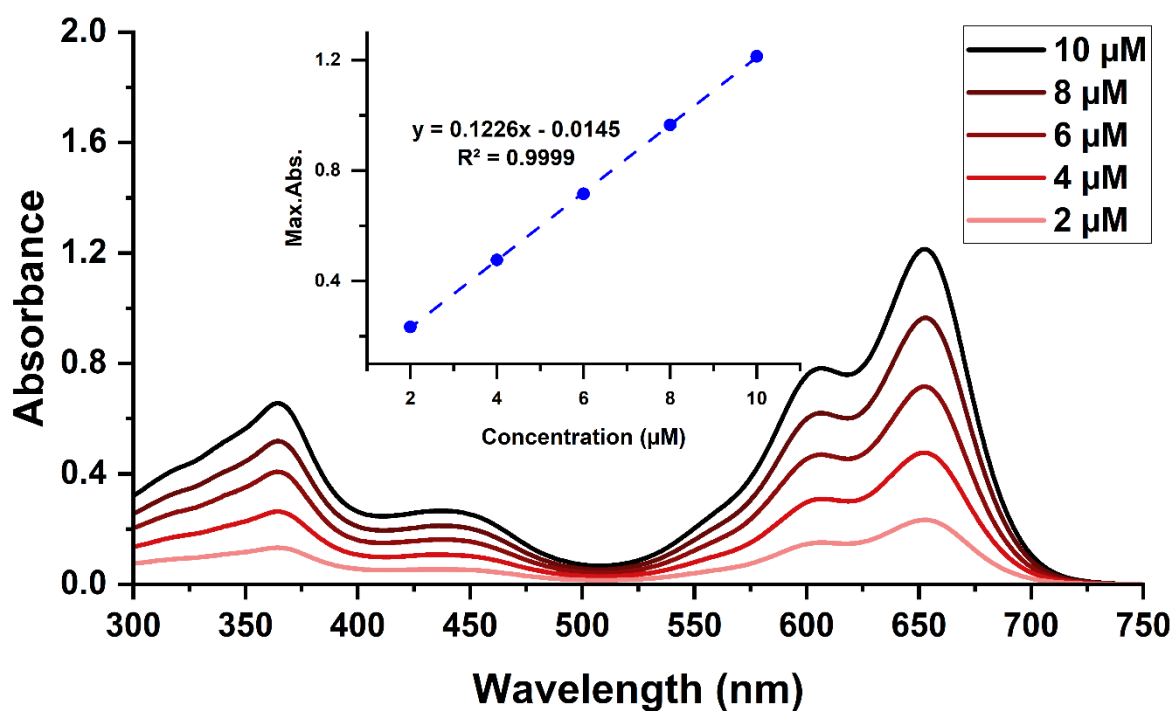


Fig. S35. UV-Vis spectrum of compound **13** in DMSO in the range of 10-2 µM

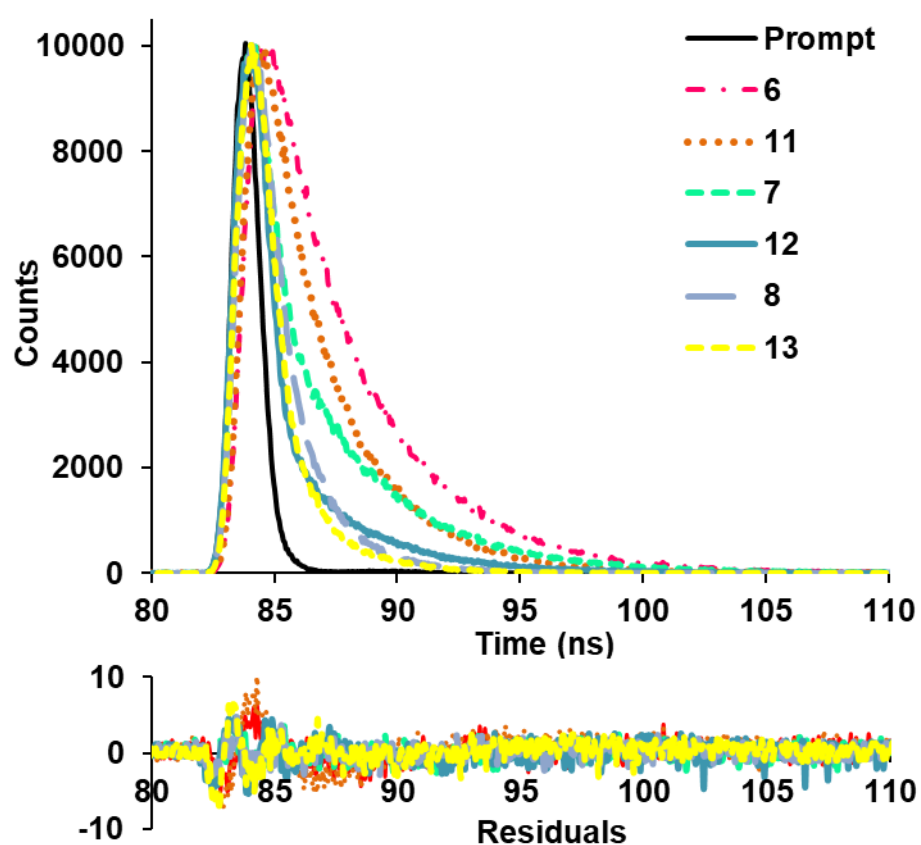


Fig. S36. Fluorescence lifetime decay of the compounds 6-8 and 11-13

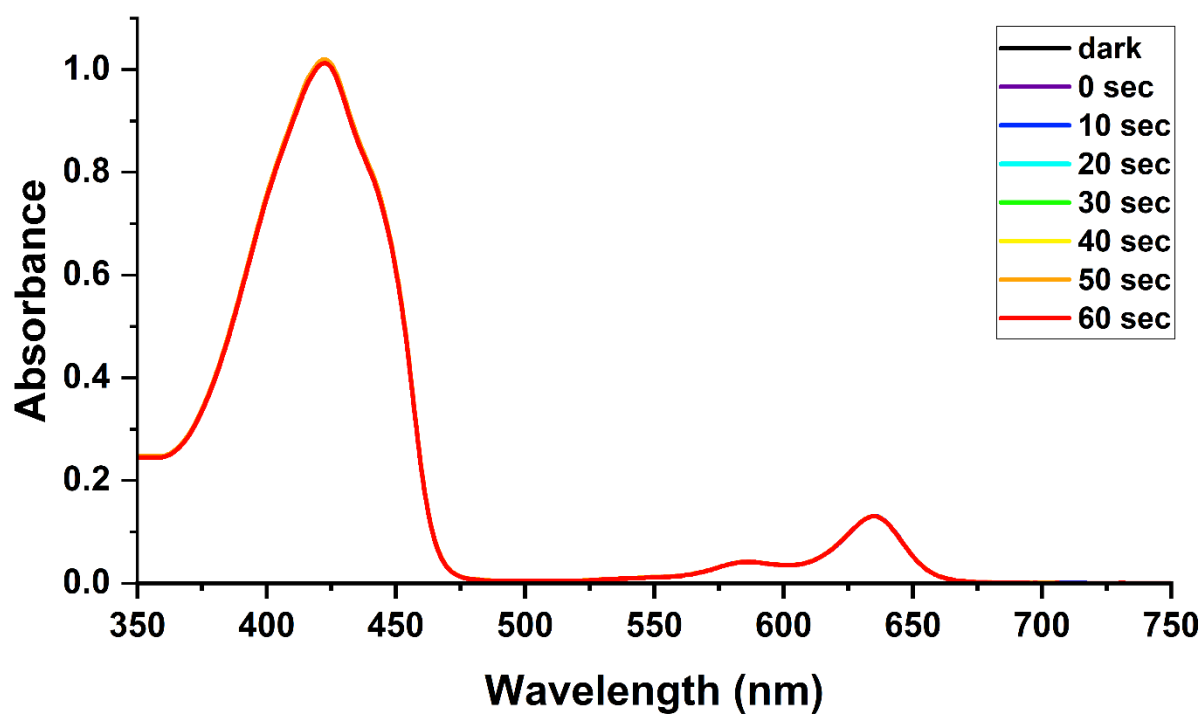


Fig. S37. Decrease in absorbance spectrum of DPBF in the presence of compound 6 (2 μ M) in DMSO

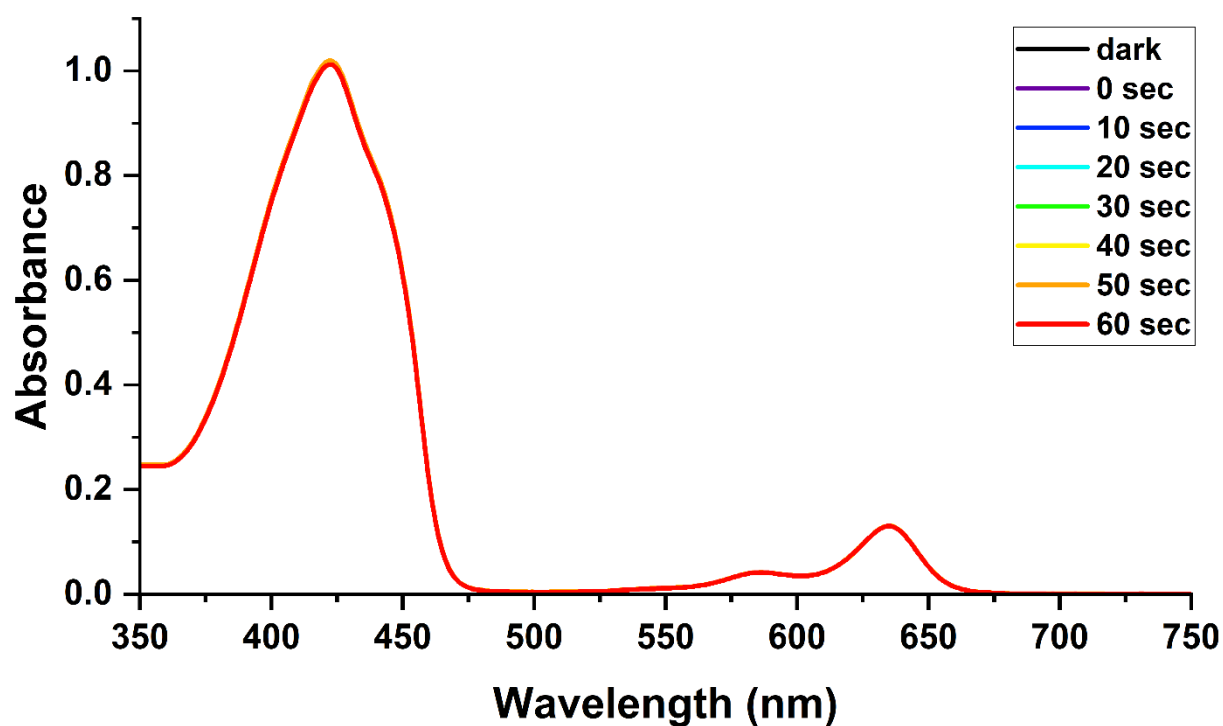


Fig. S38. Decrease in absorbance spectrum of DPBF in the presence of compound **11** (2 μM) in DMSO

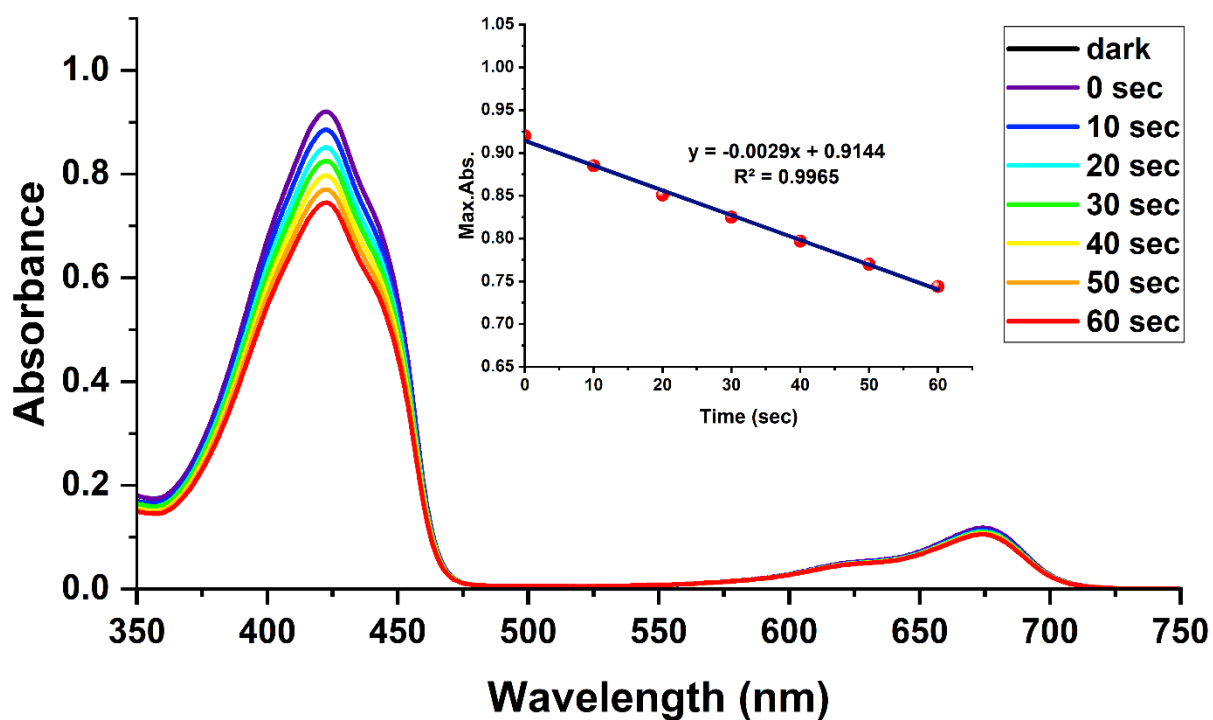


Fig. S39. Decrease in absorbance spectrum of DPBF in the presence of **MB** (2 μM) in DMSO

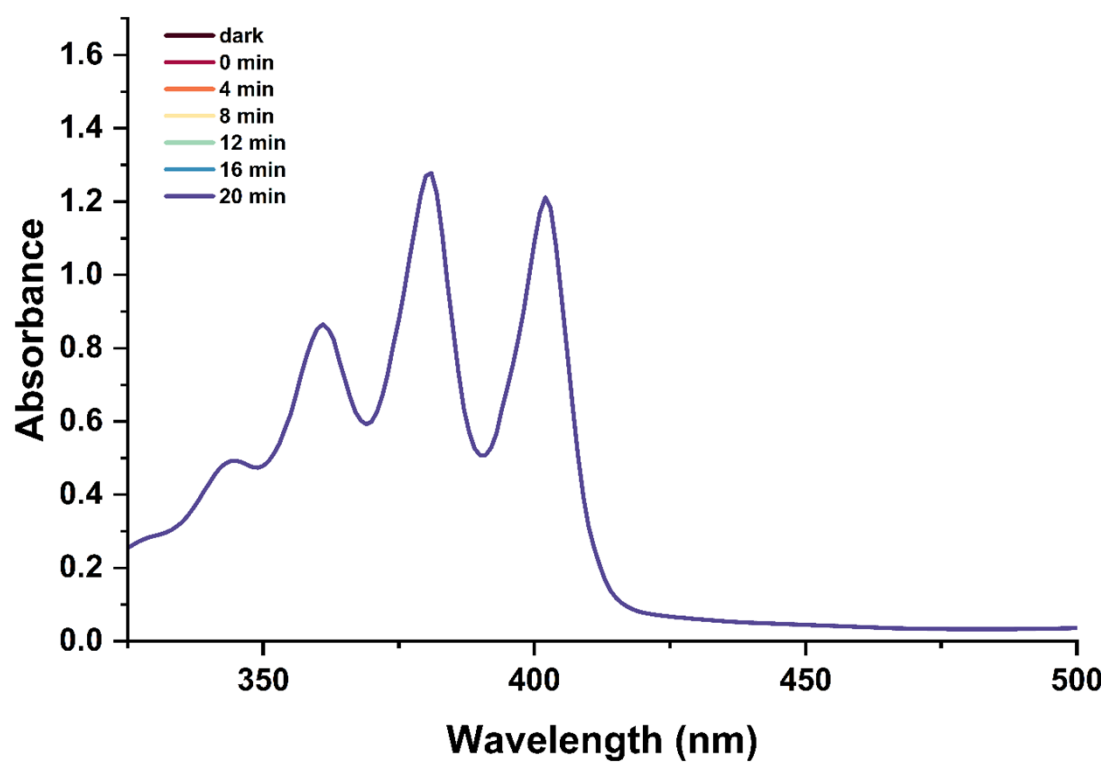


Fig. S40. Decrease in absorbance spectrum of ABDA in the presence of compound **6** (10 μM) in aqueous media

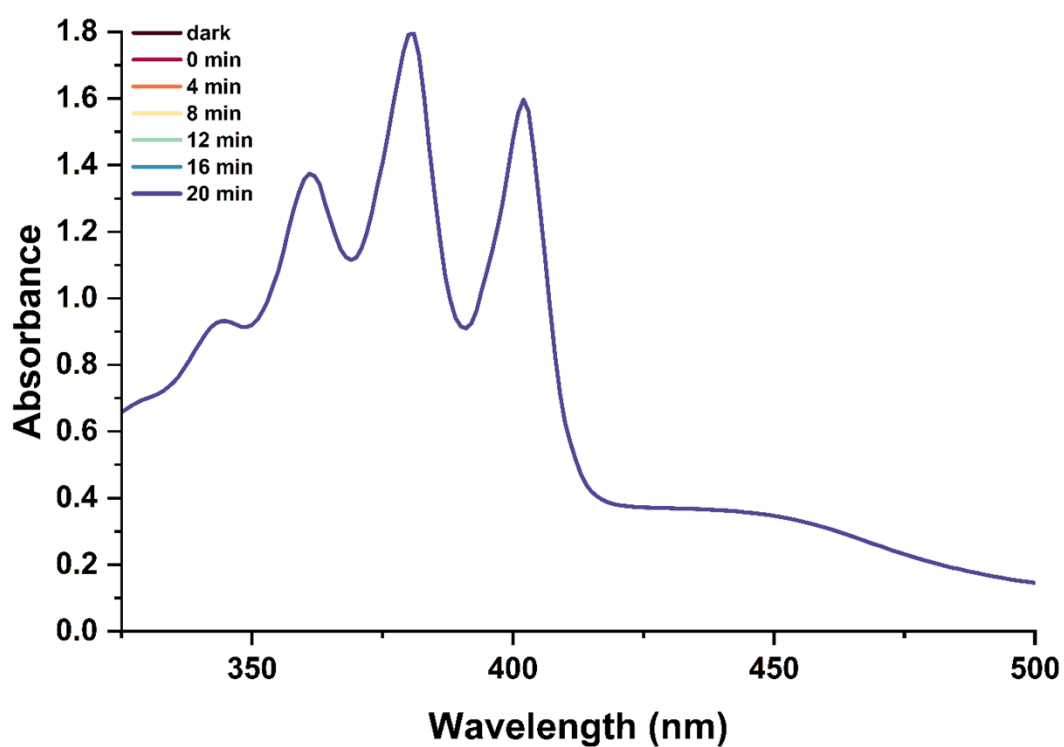


Fig. S41. Decrease in absorbance spectrum of ABDA in the presence of compound **11**(10 μ M) in aqueous media