

Supporting Information

NMR-Spectroscopy:

Compound 3

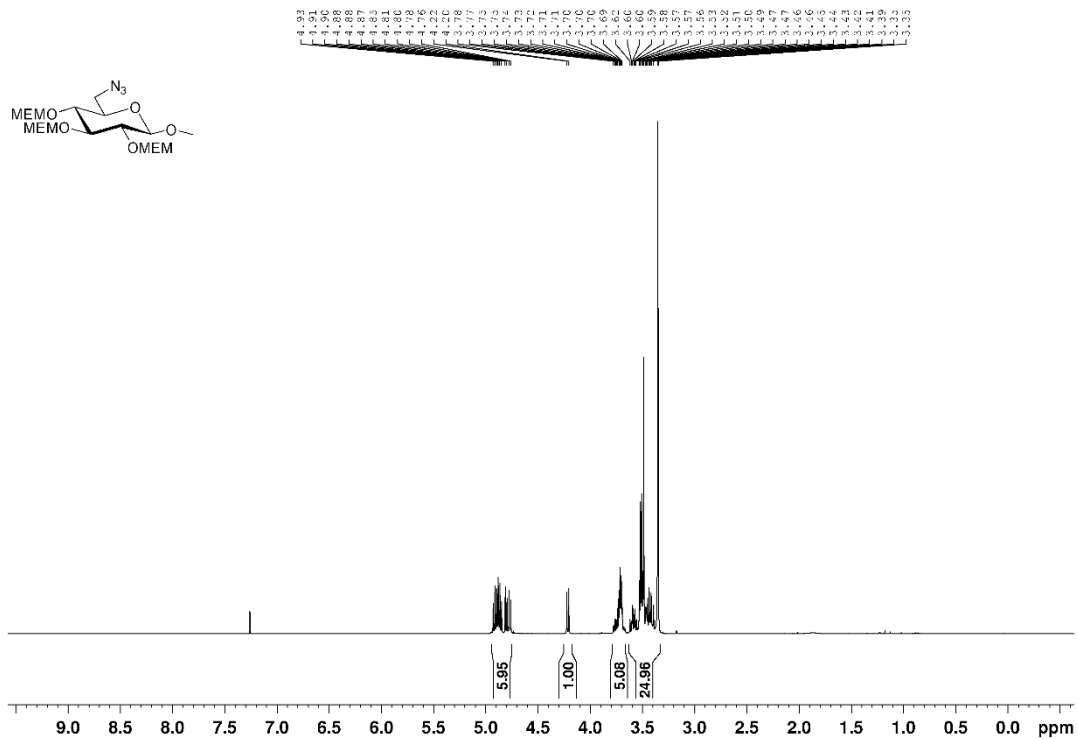


Figure S1. ¹H-NMR of compound 3.

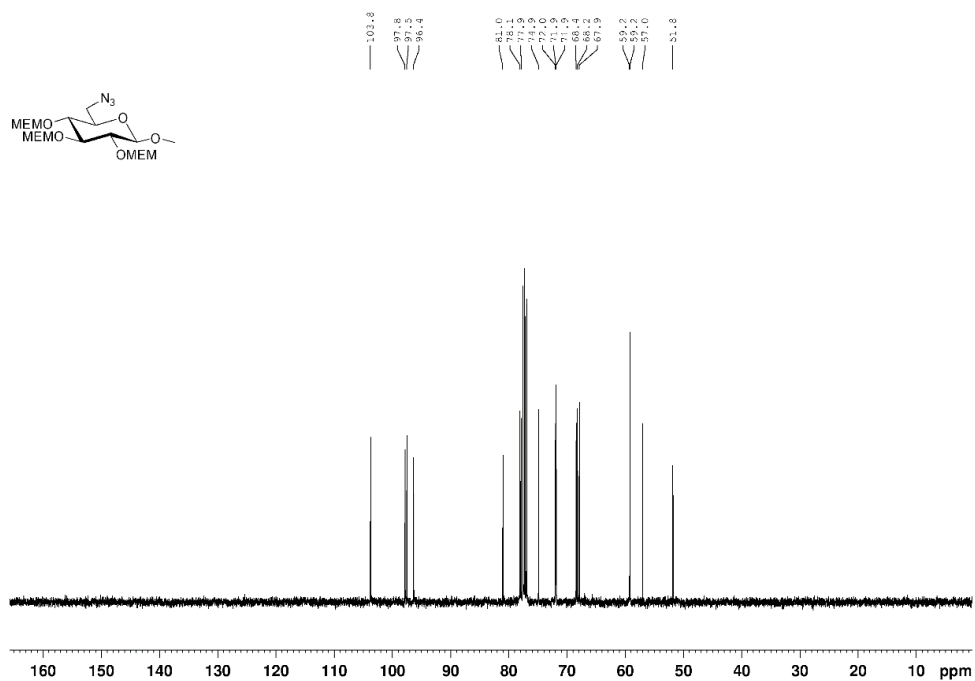
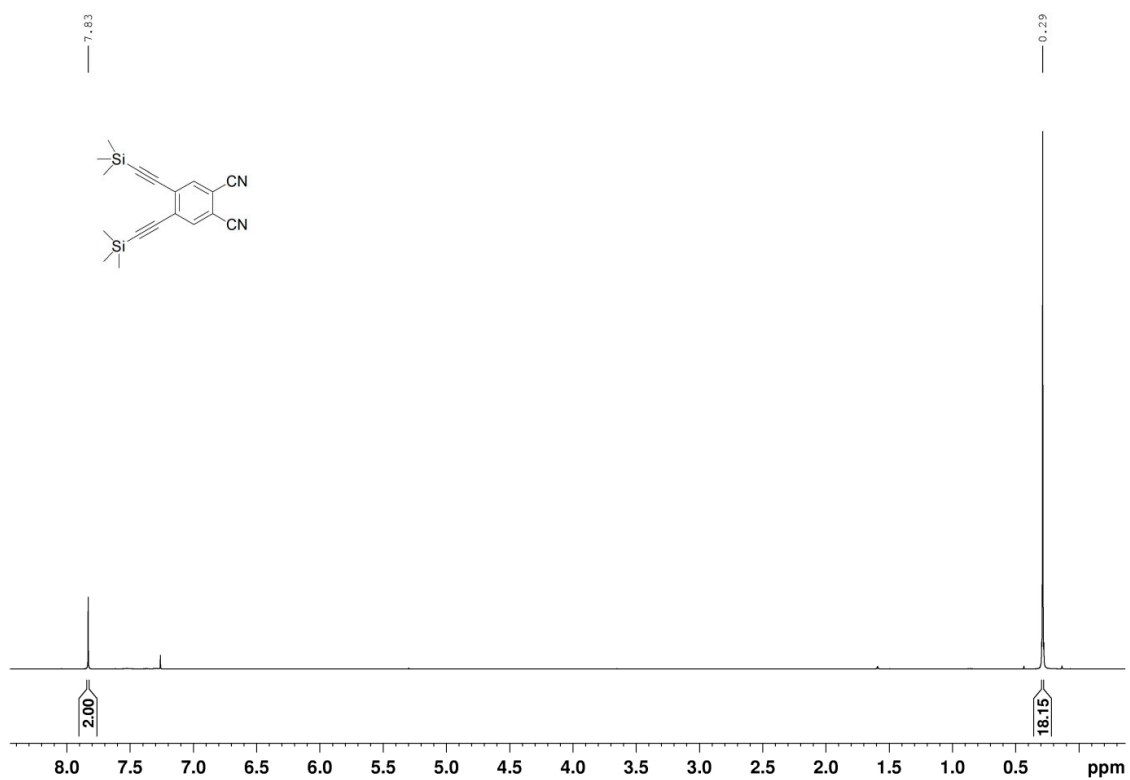
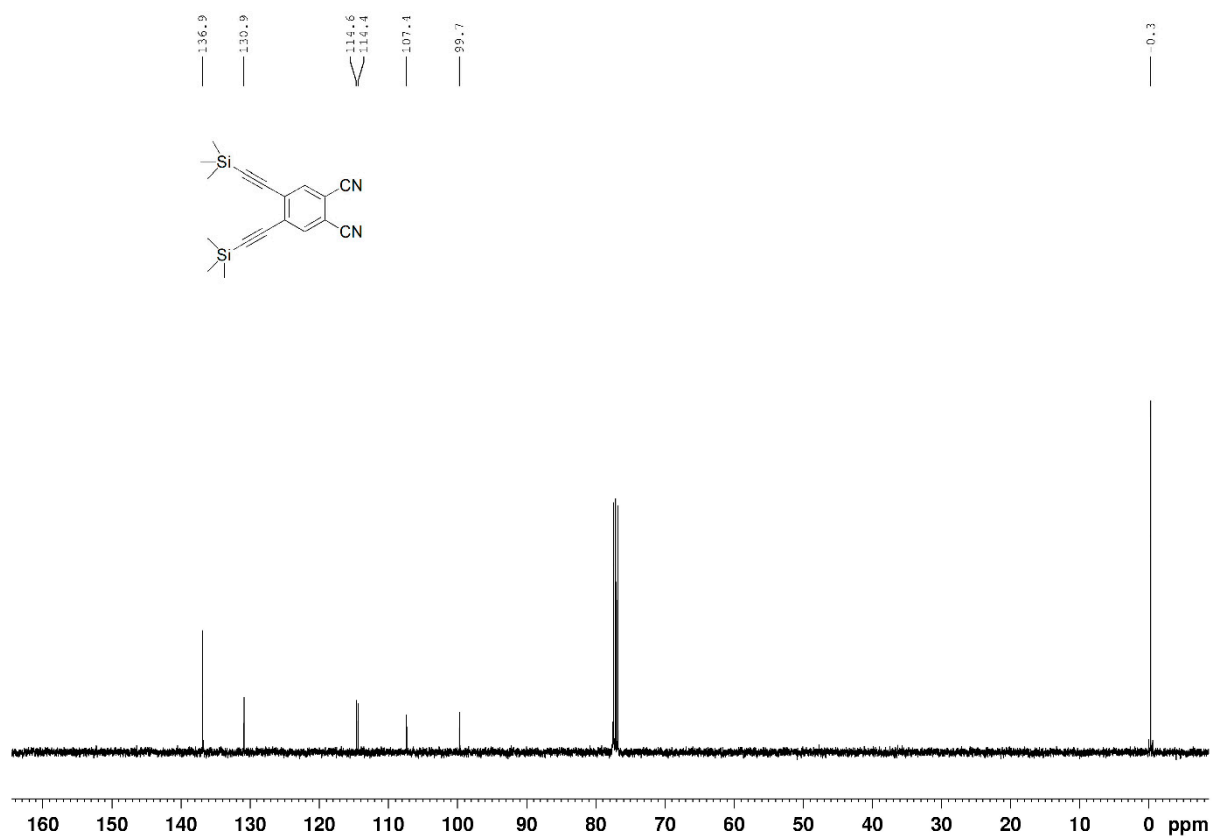
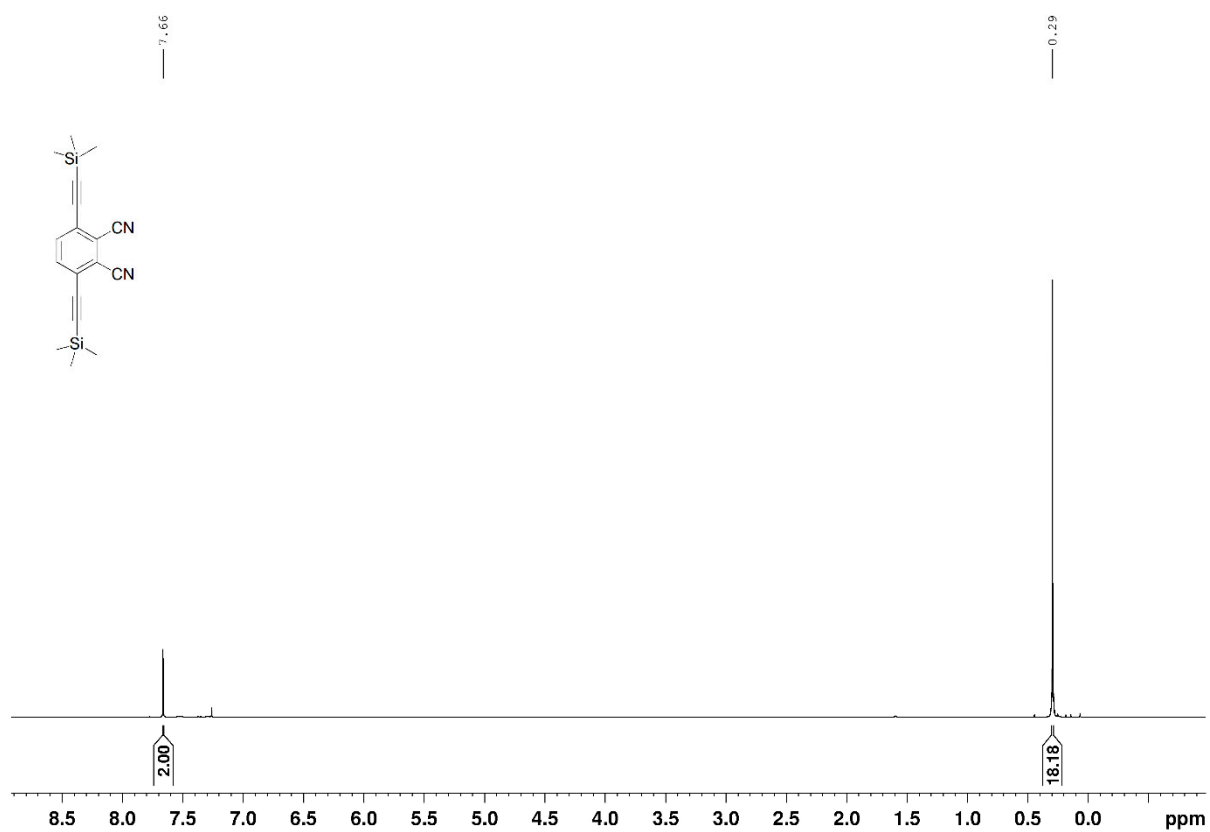
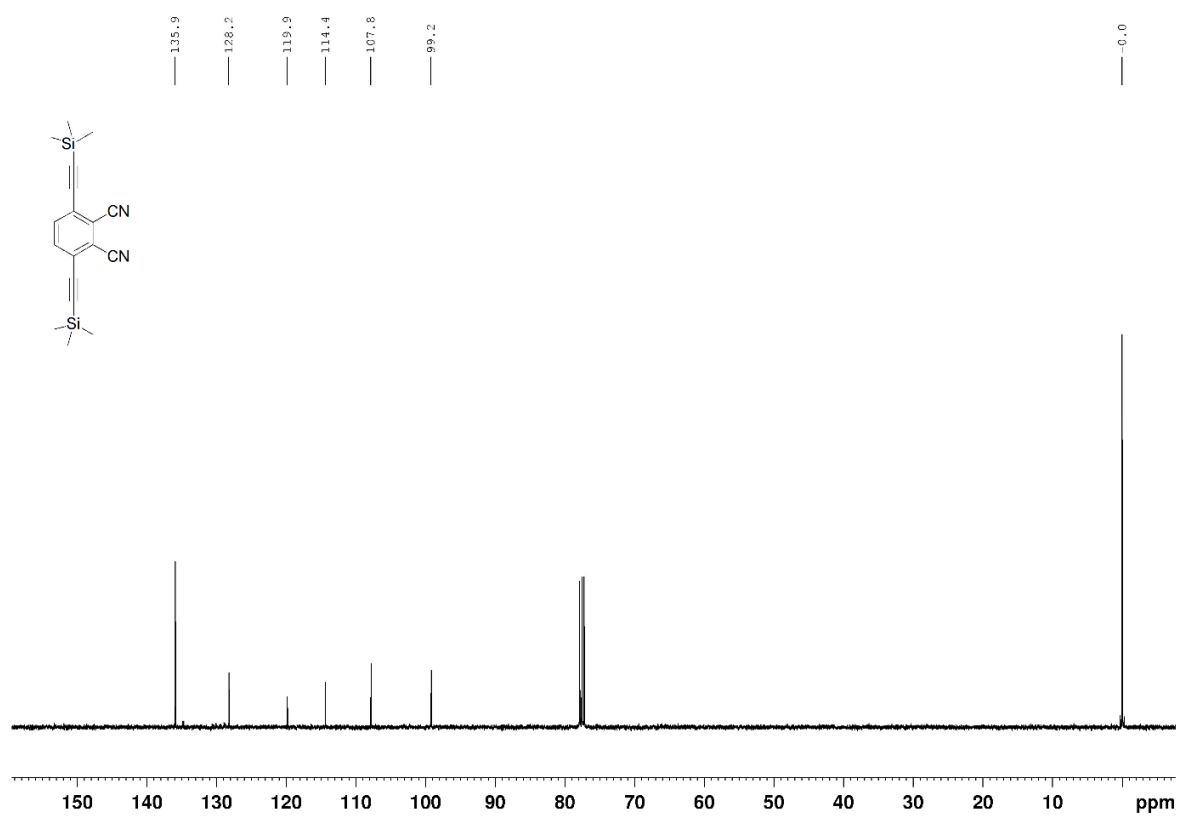
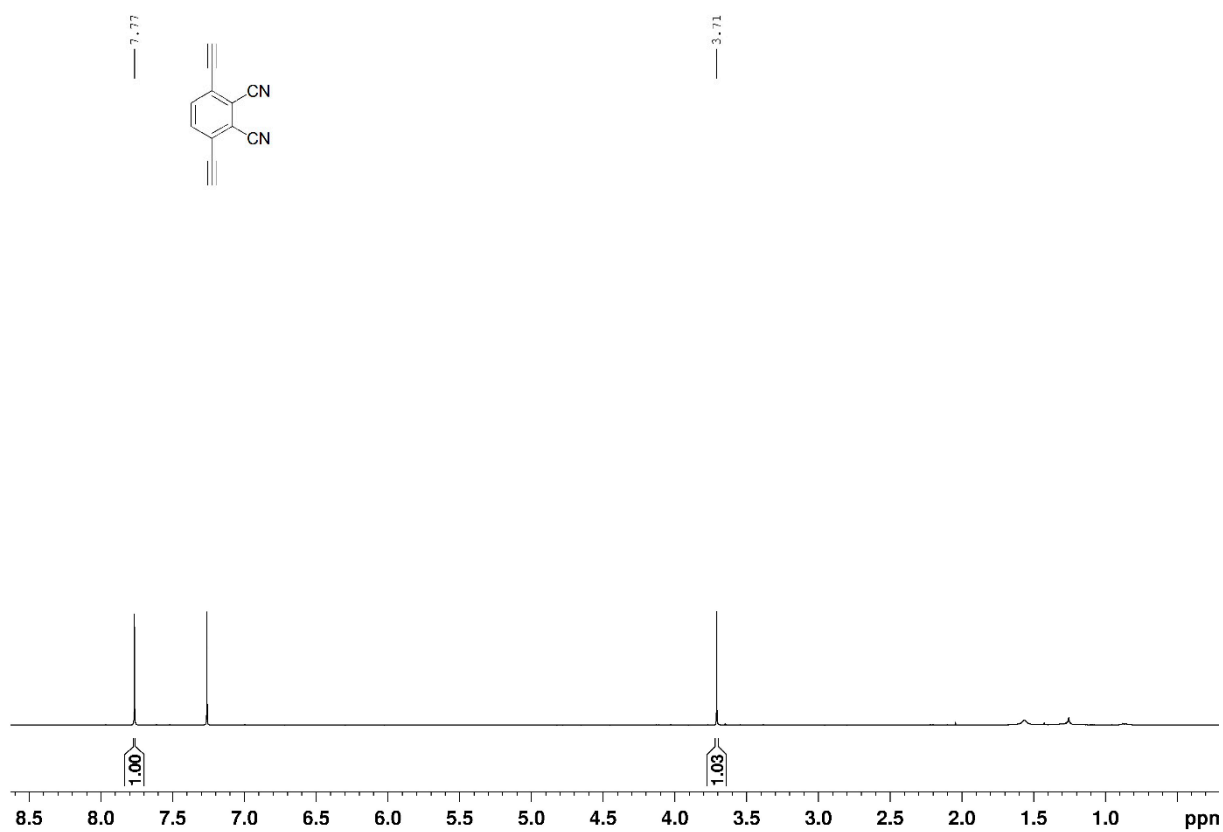
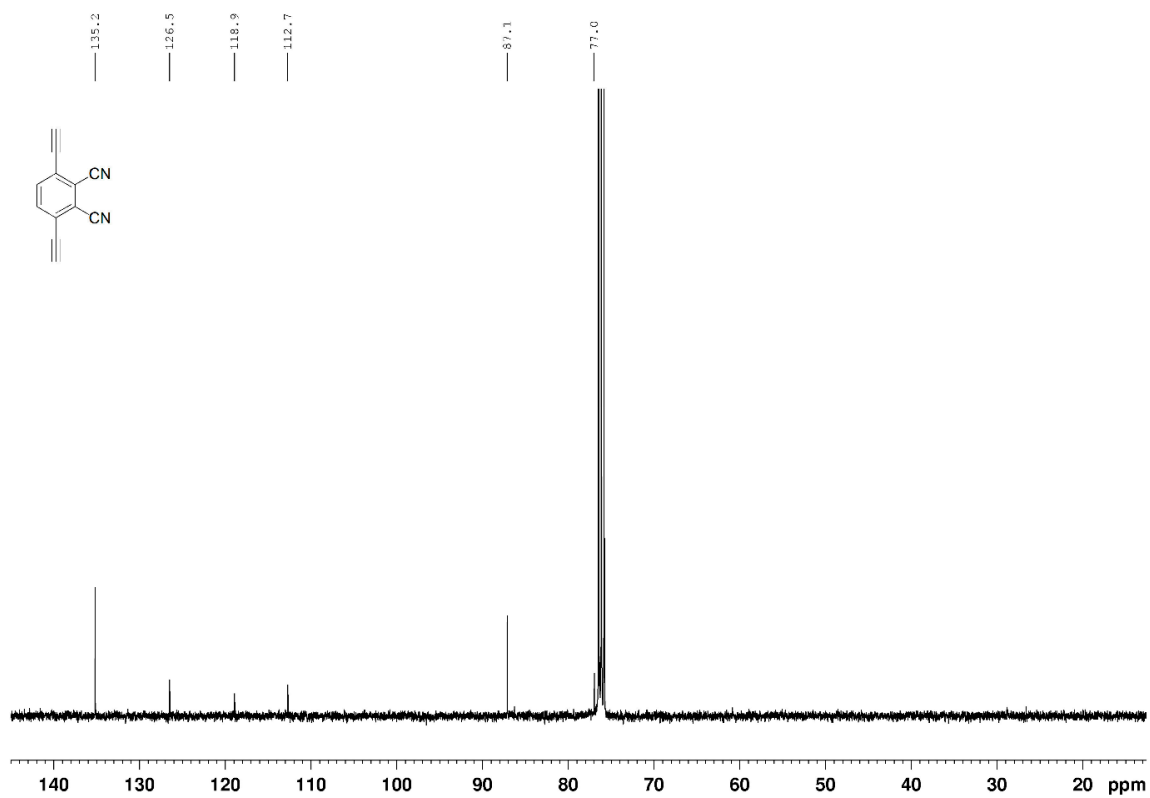


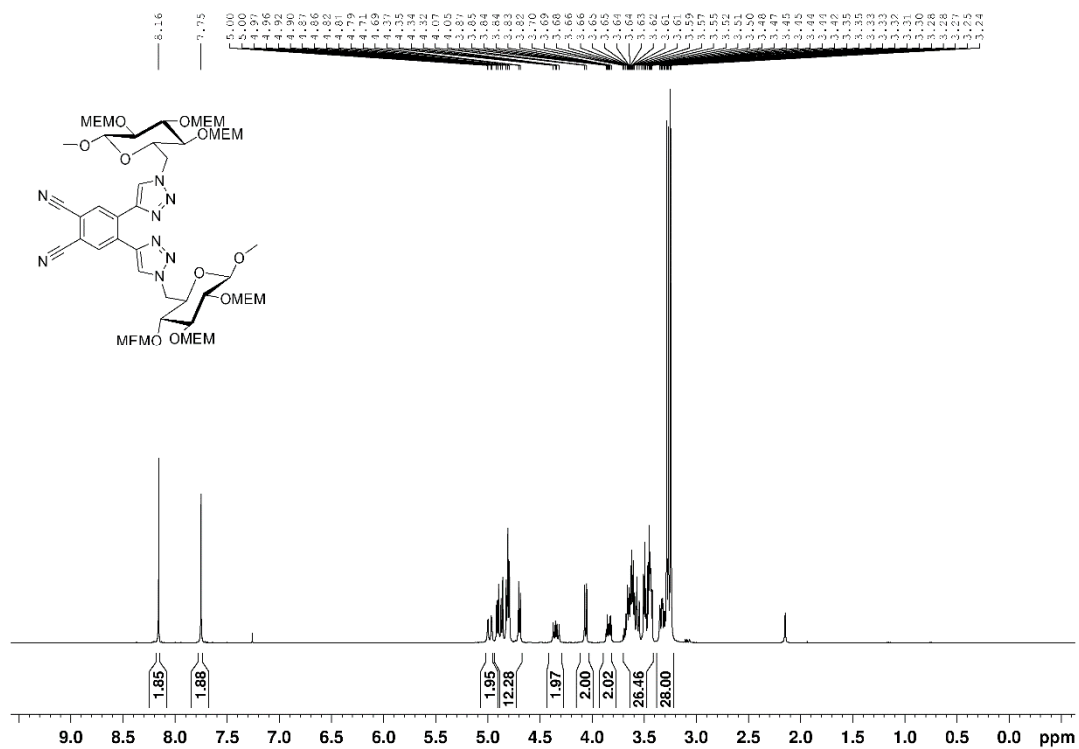
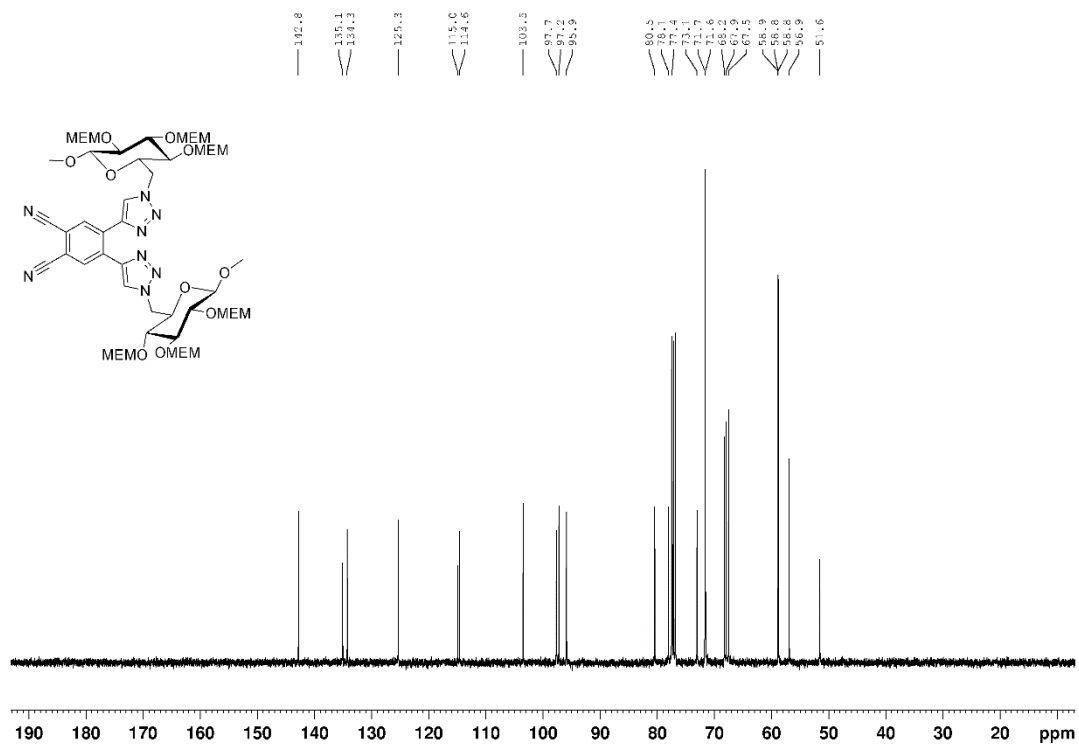
Figure S2. ¹³C-NMR of compound 3.

Compound **5a**Figure S3. ¹H-NMR of compound **5a**.Figure S4. ¹³C-NMR of compound **5a**.

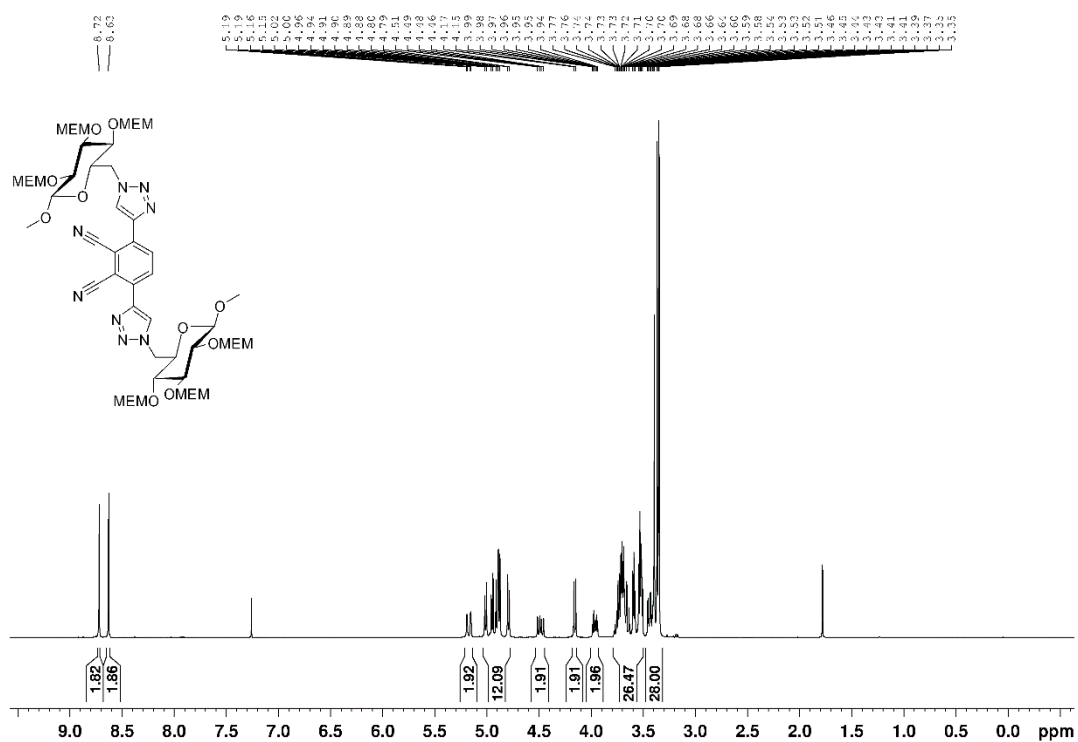
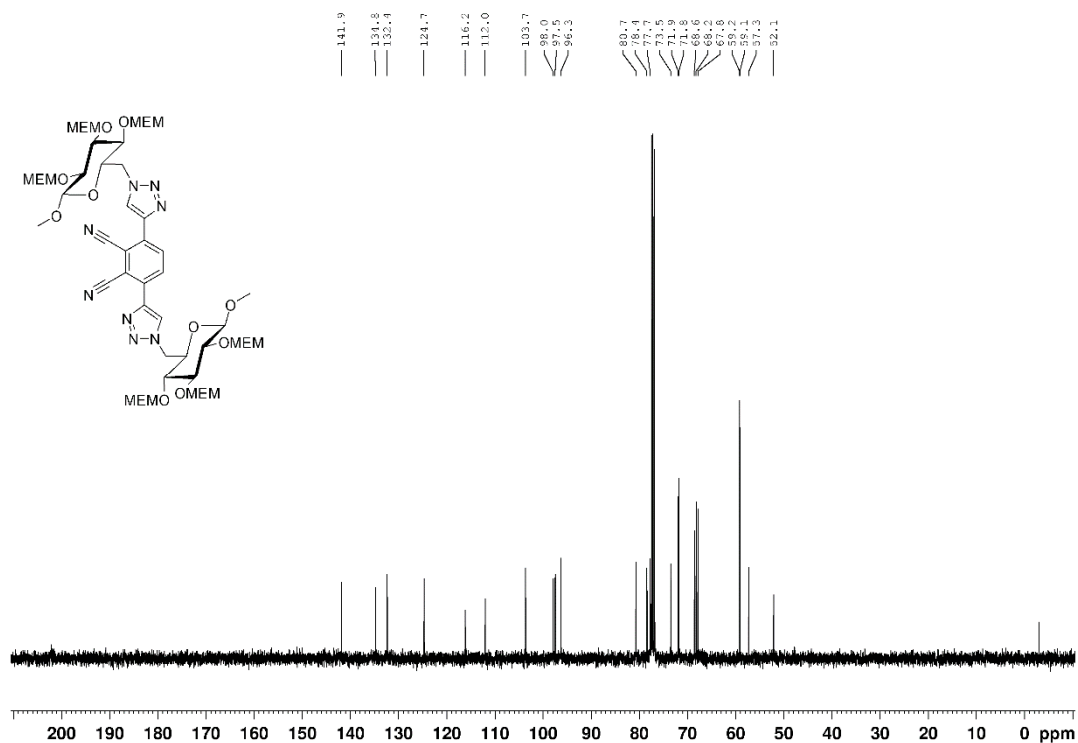
Compound **5b**Figure S5. ¹H-NMR of compound **5b**.Figure S6. ¹³C-NMR of compound **5b**.

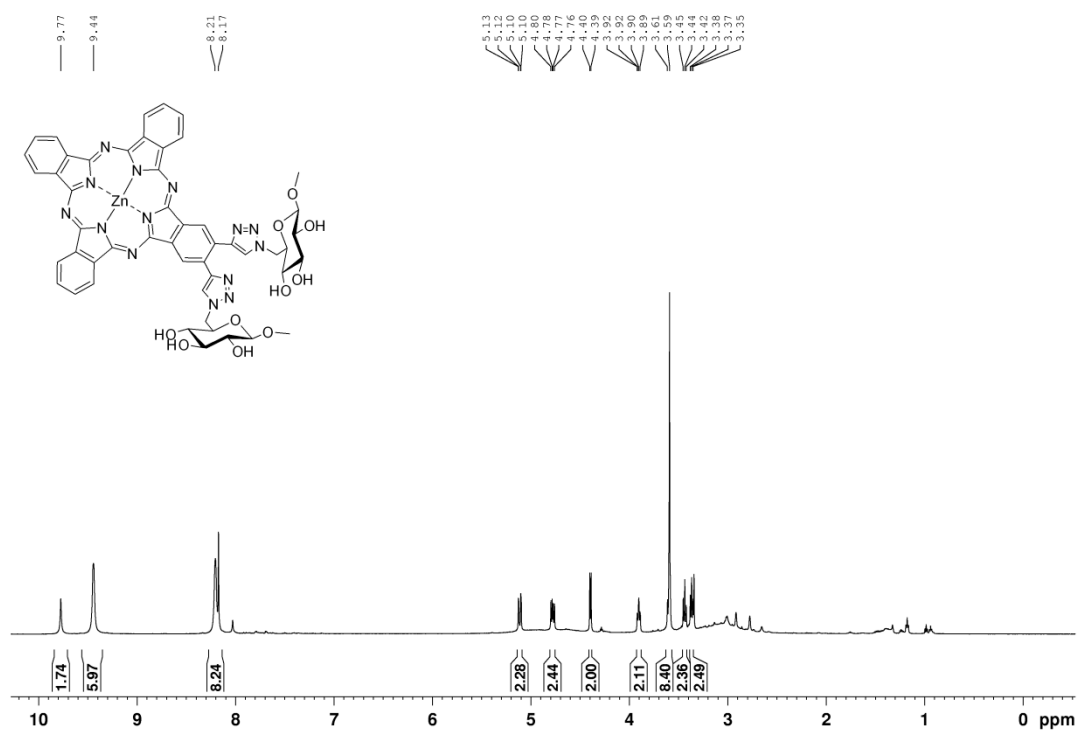
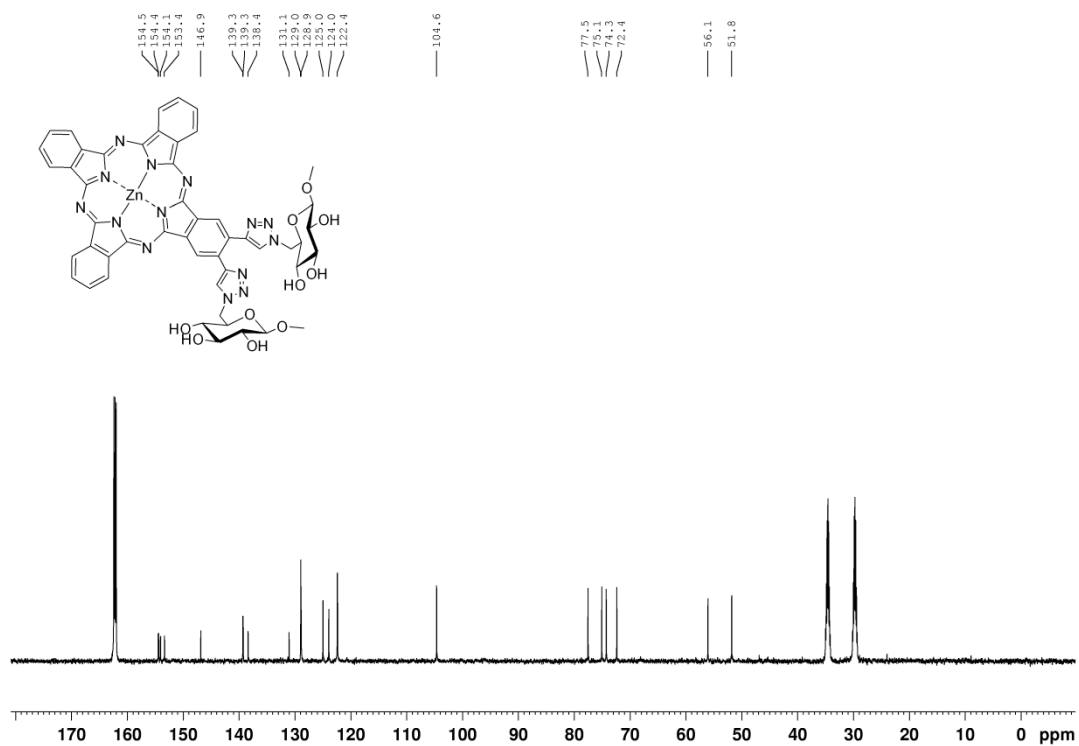
Compound **6b**Figure S7. ¹H-NMR of compound **6b**.Figure S8. ¹³C-NMR of compound **6b**.

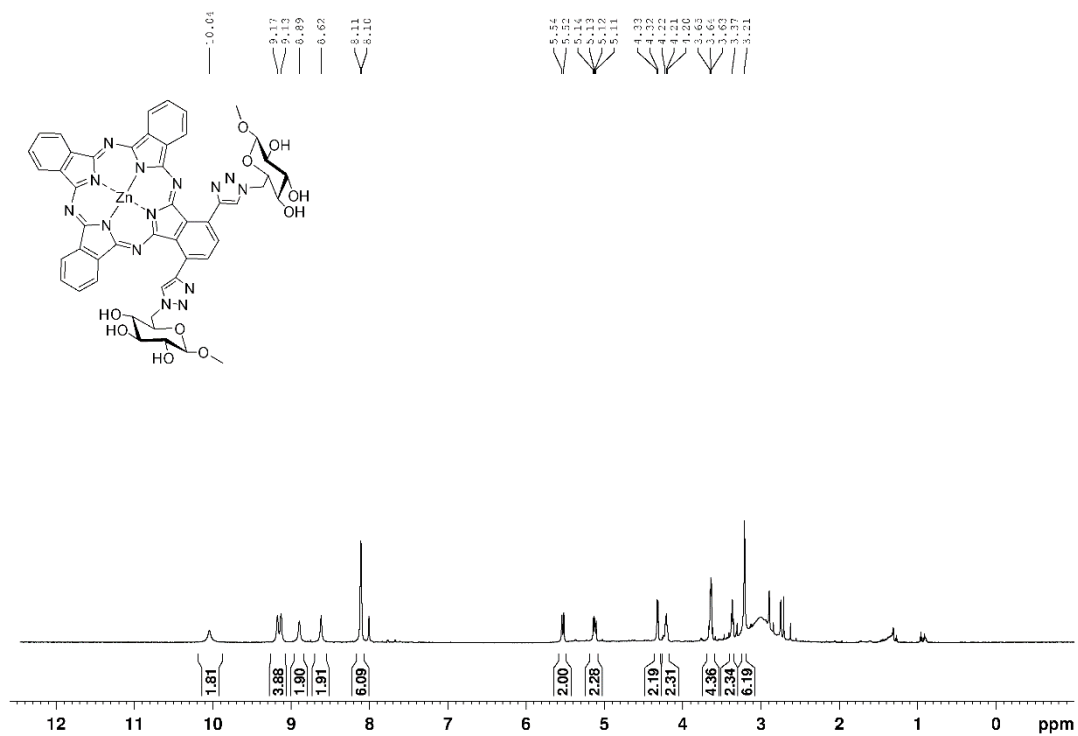
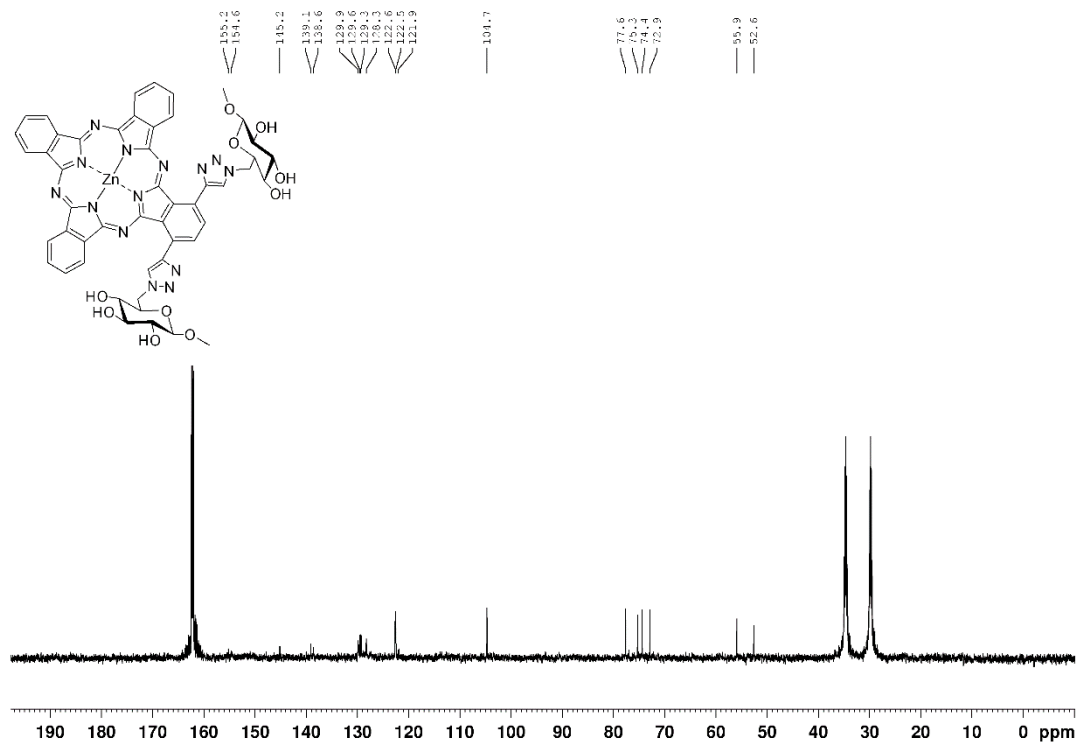
Compound 7a

Figure S9. $^1\text{H-NMR}$ of compound 7a.Figure S10. $^{13}\text{C-NMR}$ of compound 7a.

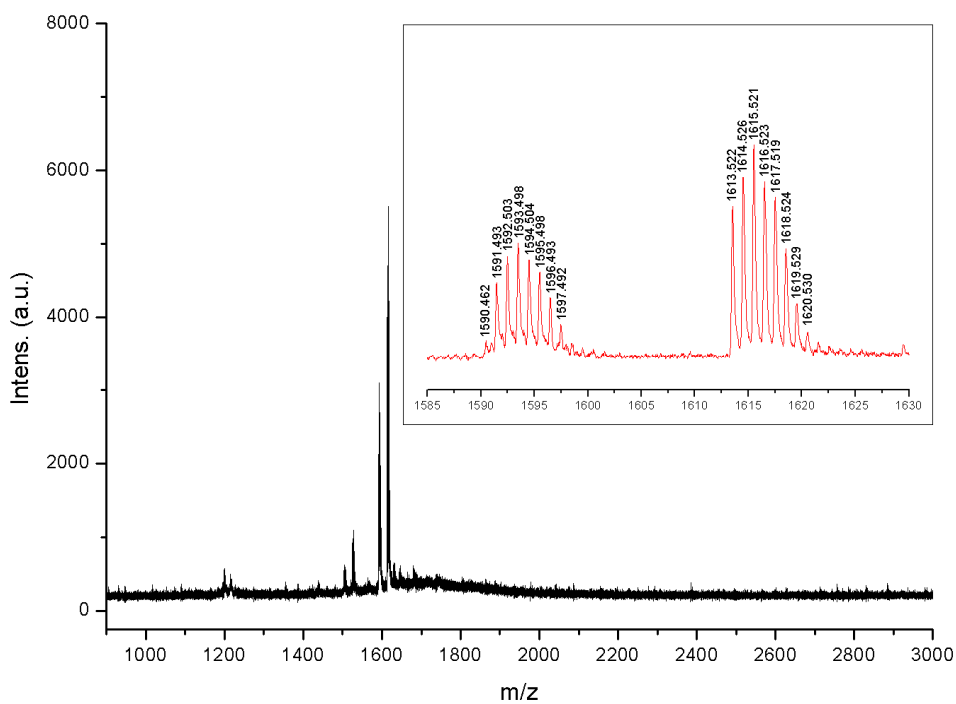
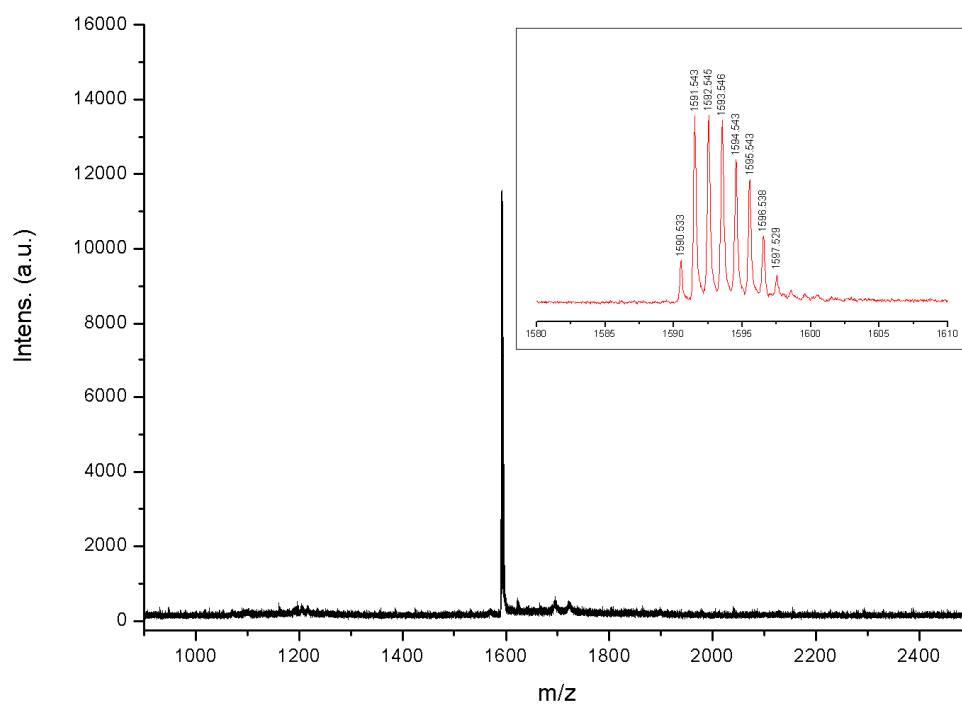
Compound 7b

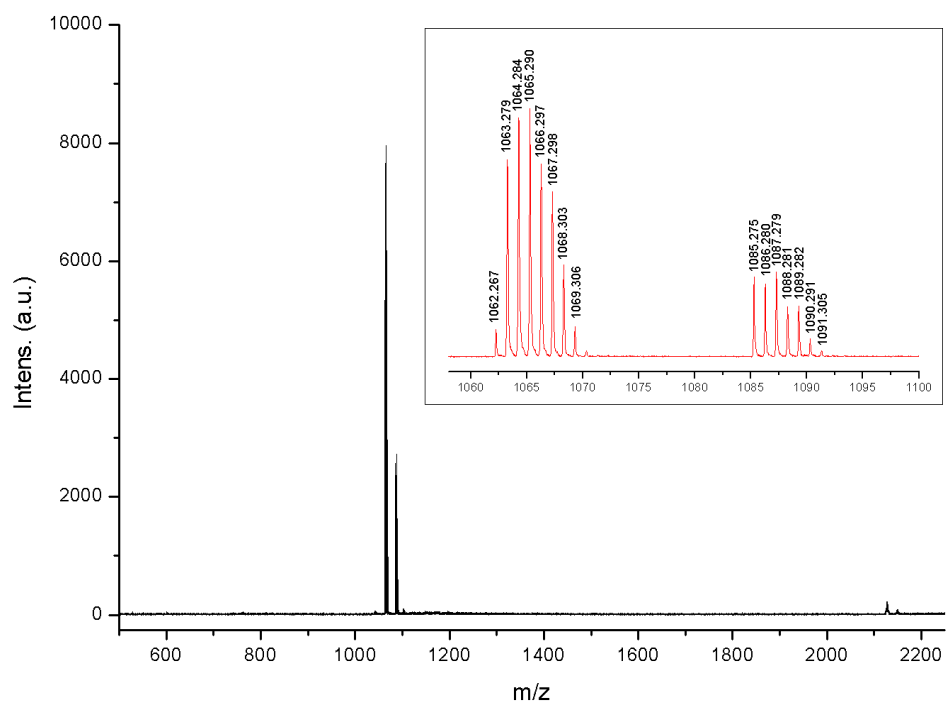
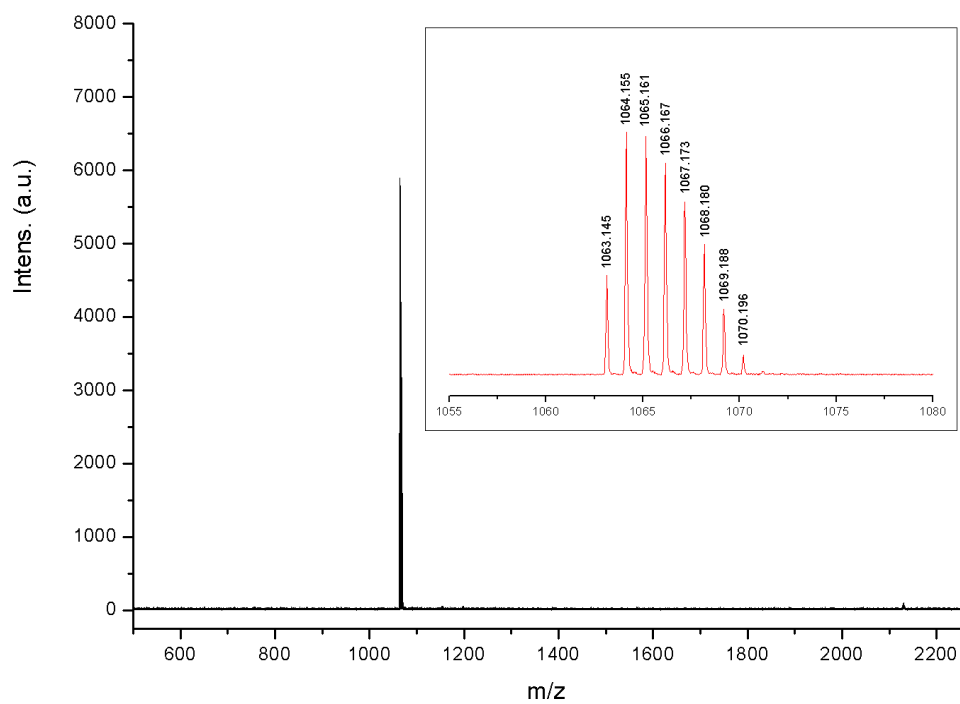
Figure S11. ¹H-NMR of compound 7b.Figure S12. ¹³C-NMR of compound 7b.

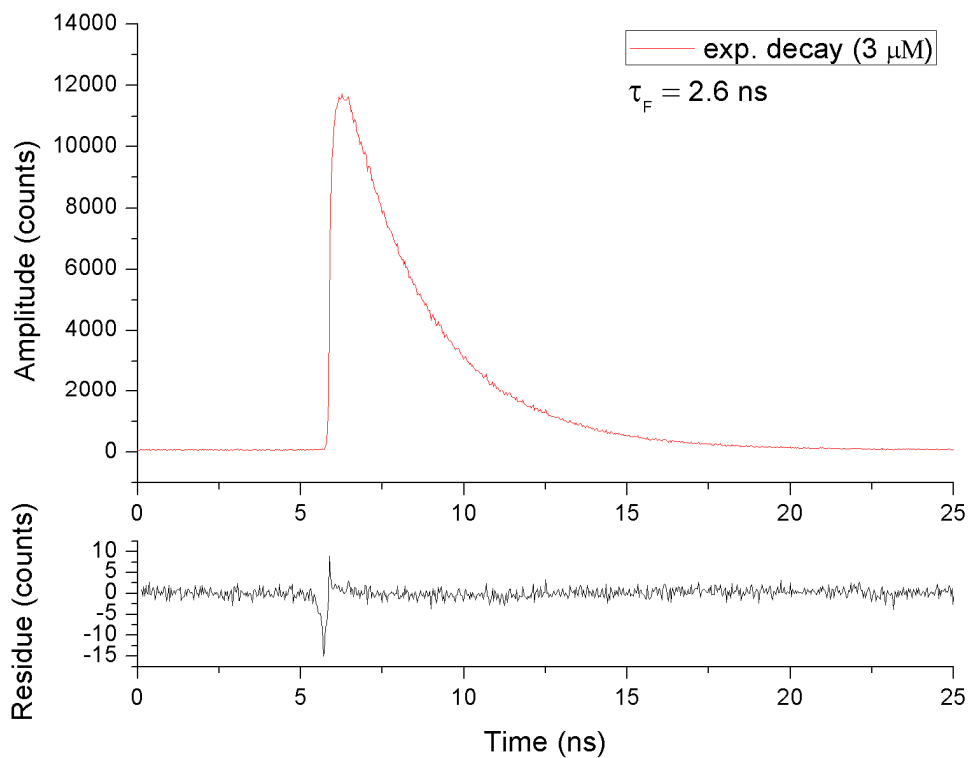
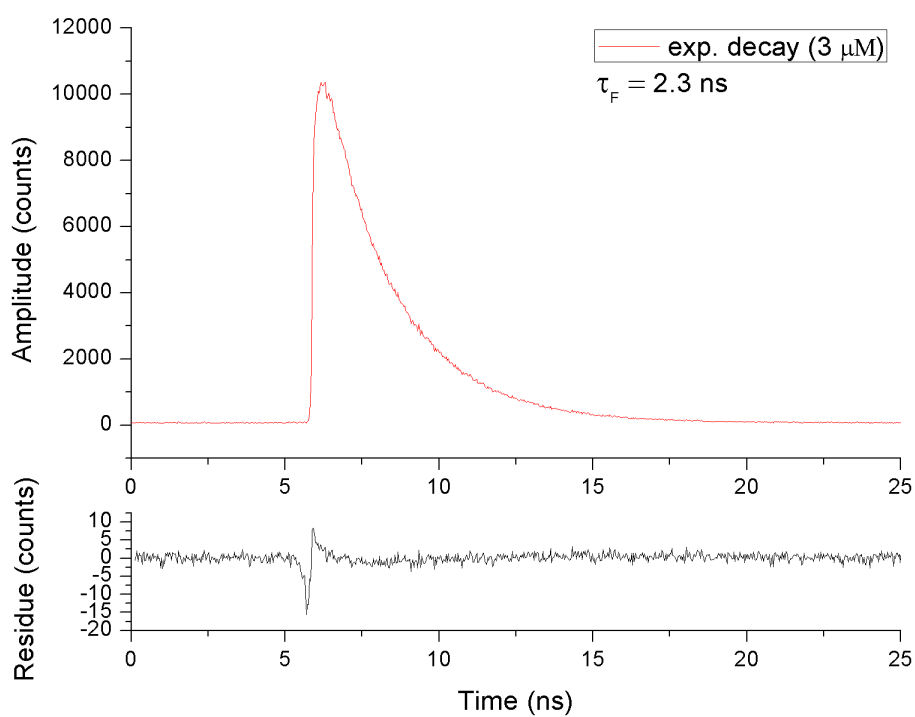
Compound **9a**Figure S17. ¹H-NMR of compound **9a**.Figure S18. ¹³C-NMR of compound **9a**.

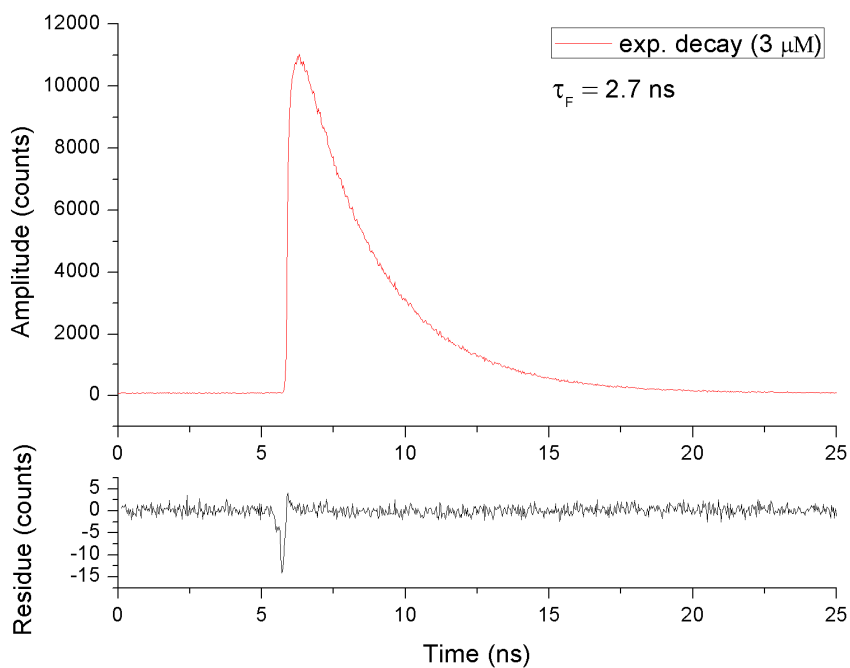
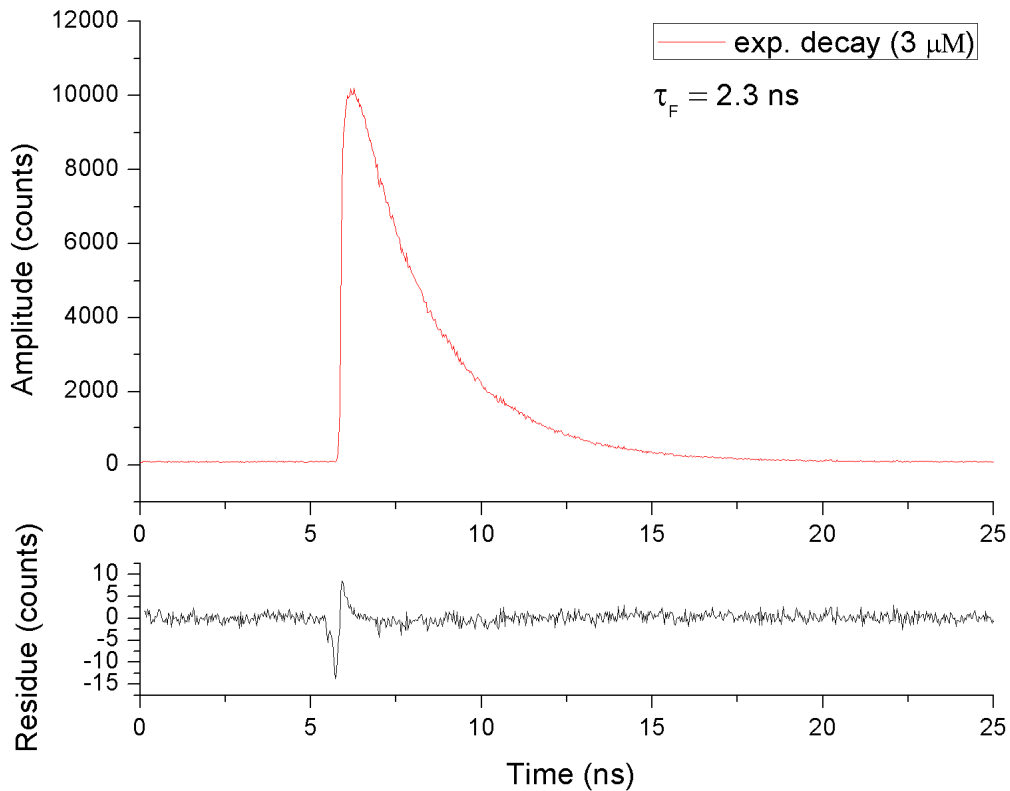
Compound **9b**Figure S19. ^1H -NMR of compound **9b**.Figure S20. ^{13}C -NMR of compound **9b**.

MALDI-TOF spectra:

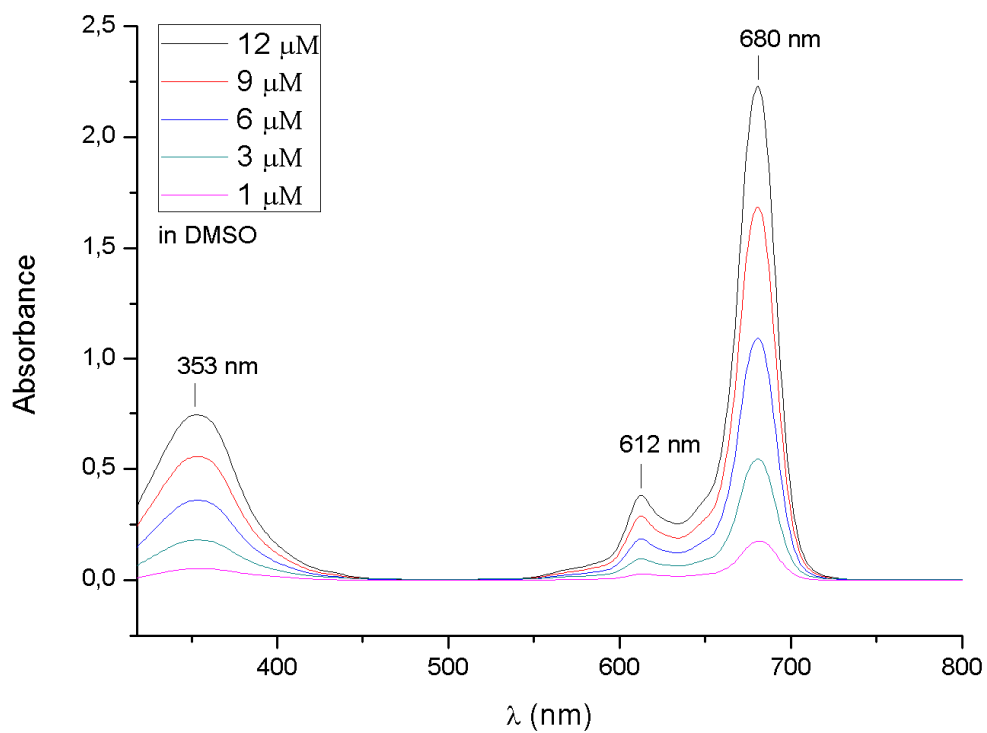
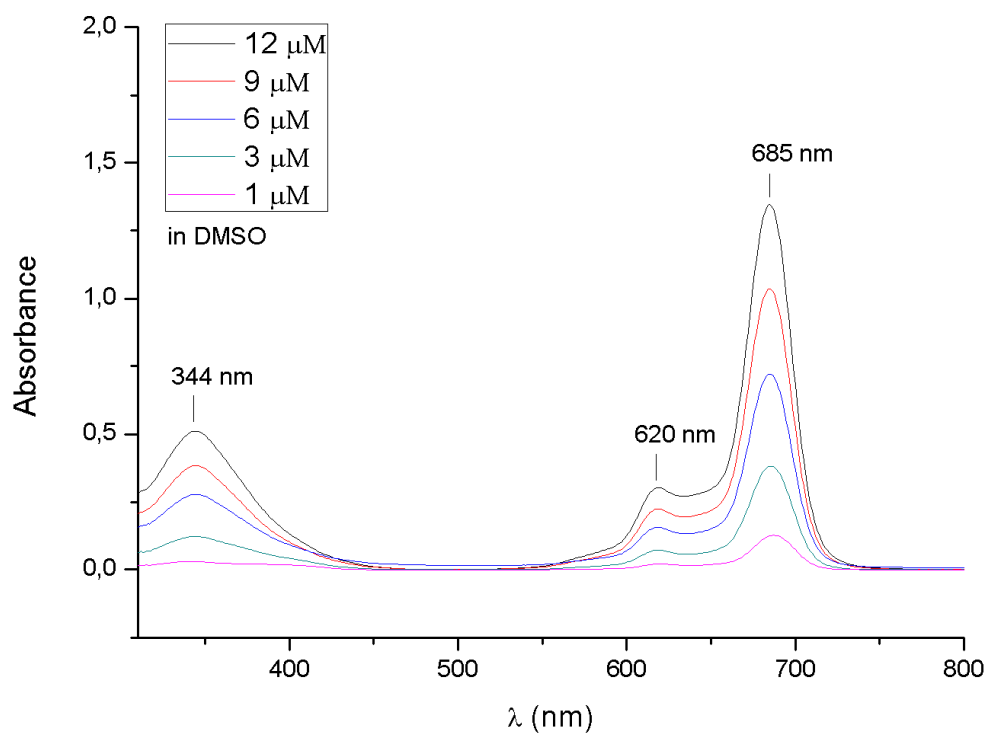
Compound **8a**Figure S21. MALDI-TOF spectrum of **8a**.Compound **8b**Figure S22. MALDI-TOF spectrum of **8b**.

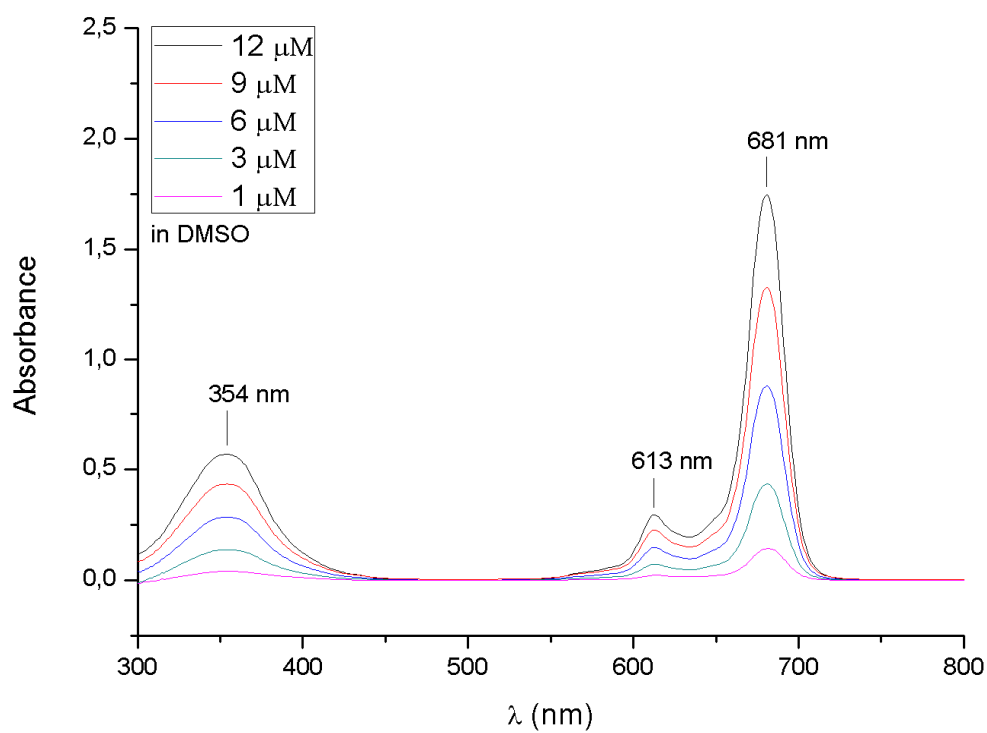
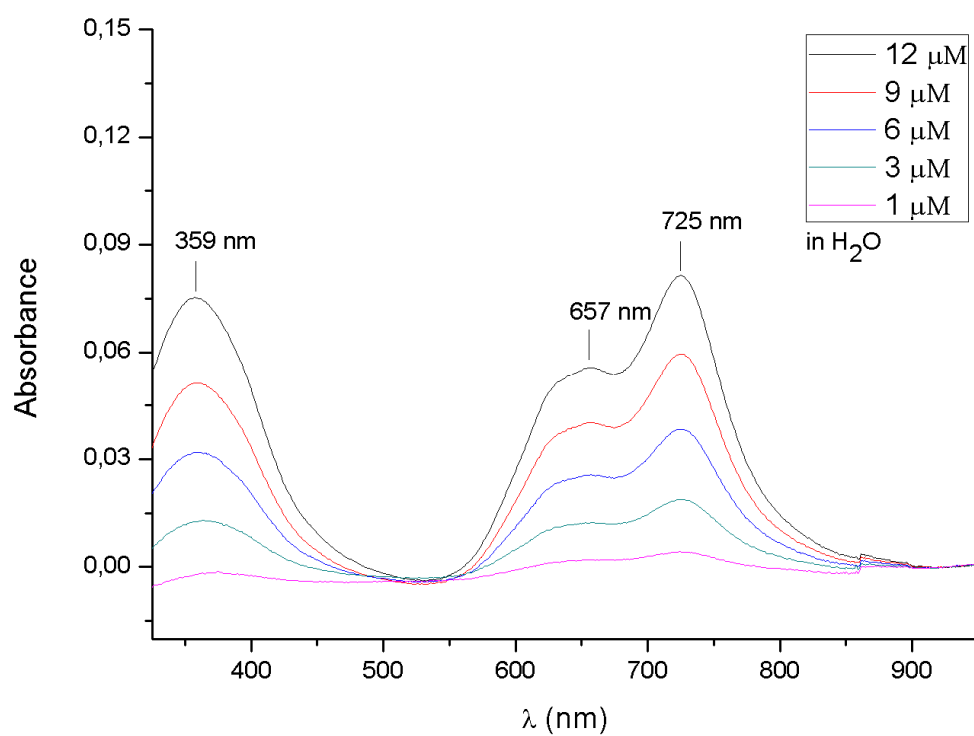
Compound **9a**Figure S23. MALDI-TOF spectrum of **9a**.Compound **9b**Figure S24. MALDI-TOF spectrum of **9b**.

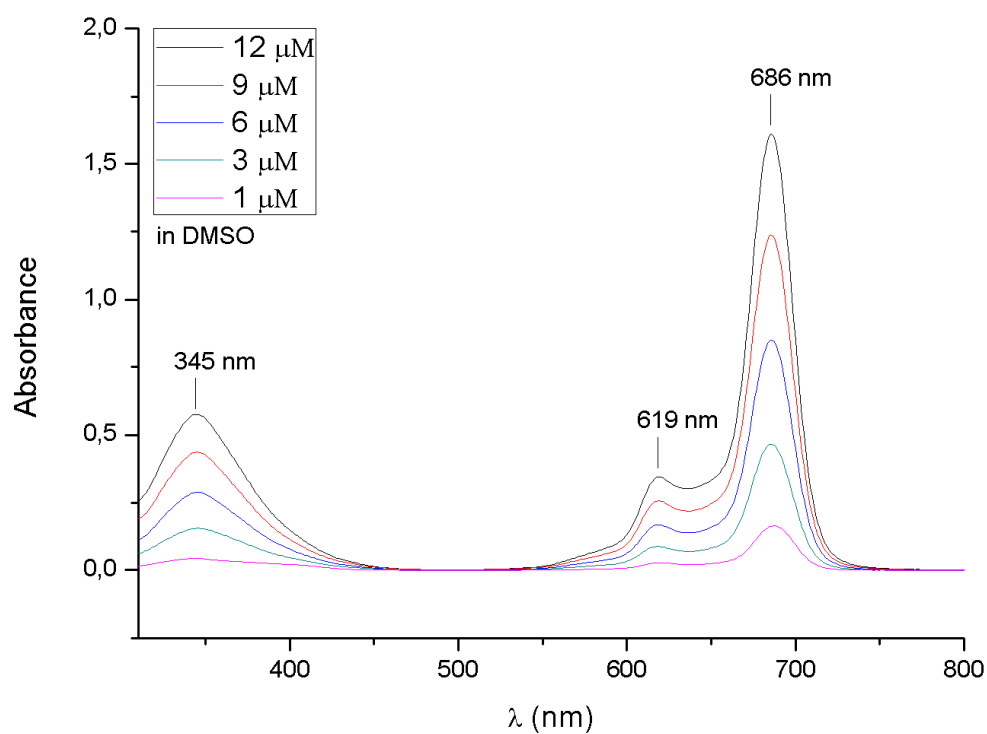
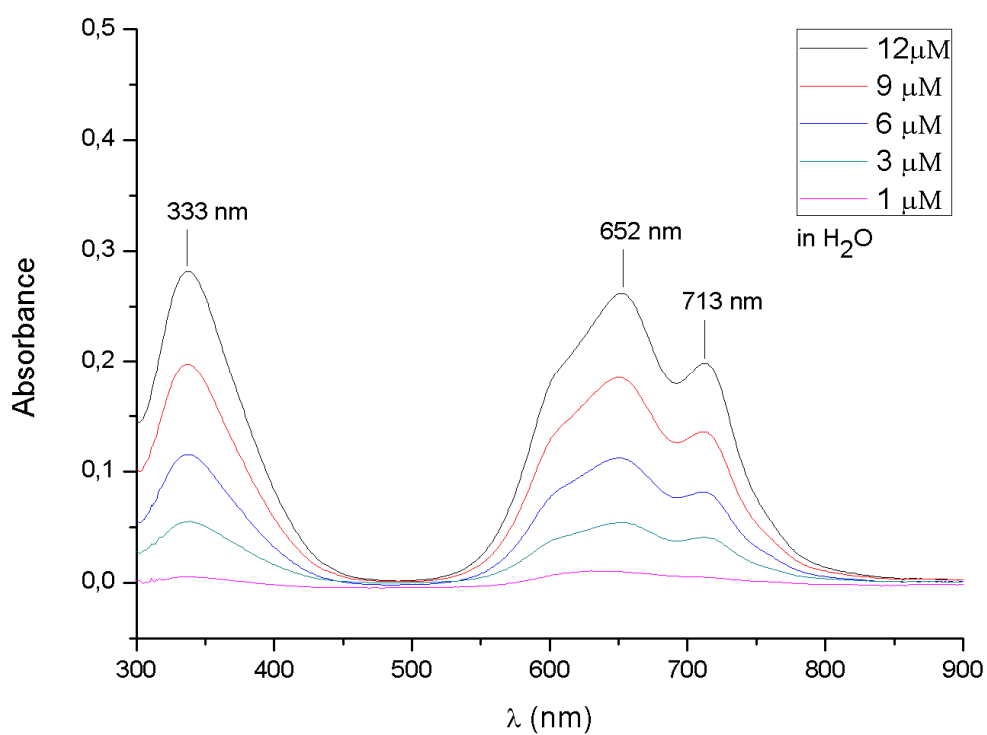
Fluorescence Lifetime Decay**Compound 8a****Figure S25.** Fluorescence Lifetime Decay of **8a**.**Compound 8b****Figure S26.** Fluorescence Lifetime Decay of **8b**.

Compound **9a****Figure S27.** Fluorescence Lifetime Decay of **9a**.Compound **9b****Figure S28.** Fluorescence Lifetime Decay of **9b**.

UV-Vis spectra

Compound **8a**Figure S29. UV-Vis spectrum of **8a**.Compound **8b**Figure S30. UV-Vis spectrum of **8b**.

Compound **9a****Figure S31.** UV-Vis spectrum of **9a** in DMSO.**Figure S32.** UV-Vis spectrum of **9a** in H_2O .

Compound **9b****Figure S33.** UV-Vis spectrum of **9b** in DMSO**Figure S34.** UV-Vis spectrum of **9b** in H_2O .