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Supplementary material to the article available at:
https://doi.org/10.5802/crchim.94

Supplementary material: Stereoselective formation of bismuth complexes by transmetalation of lead with adaptable overhanging carboxylic acid 5,10-strapped porphyrins

Wael Barakat [a], Ismail Hijazi [b, c], Thierry Roisnel [a], Vincent Dorcet [a], Stéphane Le Gac [*, a] and Bernard Boitrel [*, a]

[a] Univ Rennes, CNRS, ISCR (Institut des Sciences Chimiques de Rennes), UMR 6226, Rennes F-35000, France

[b] Faculty of Arts and Sciences, Lebanese International University LIU/BIU, PO Box 146404 Beirut, Lebanon

[c] Faculty of Sciences, Lebanese University, Beirut, Lebanon

E-mails: wael-barakat1@hotmail.com (W. Barakat), i.hijazi@outlook.com (I. Hijazi), thierry.roisnel@univ-rennes1.fr (T. Roisnel), vincent.dorcet@univ-rennes1.fr (V. Dorcet), stephane.legac@univ-rennes1.fr (S. Le Gac), bernard.boitrel@univ-rennes1.fr (B. Boitrel)

[*] Corresponding authors.

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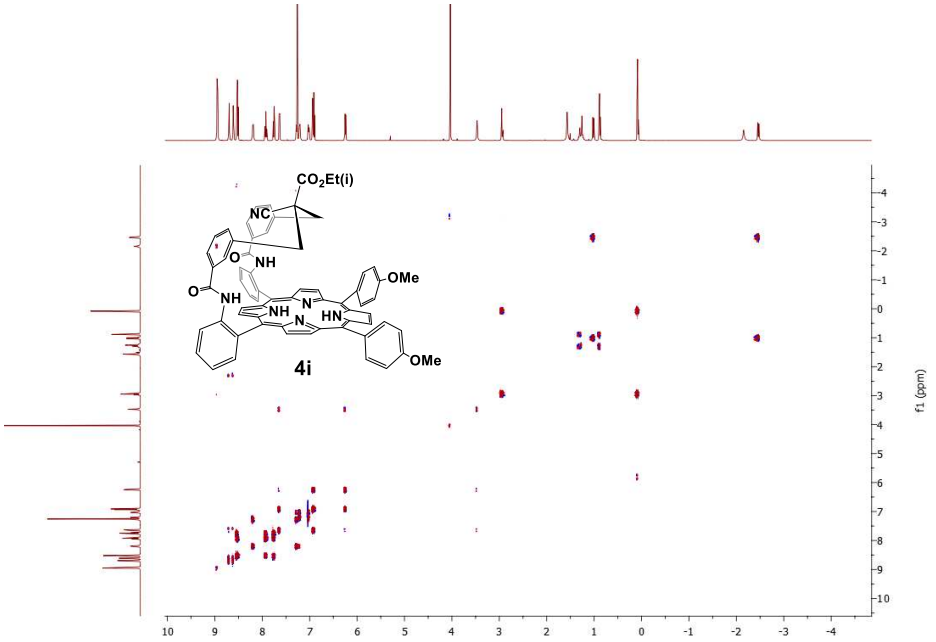

Figure S1. COSY NMR spectrum **4i** (DMSO-d_6, 500 MHz, 298 K).

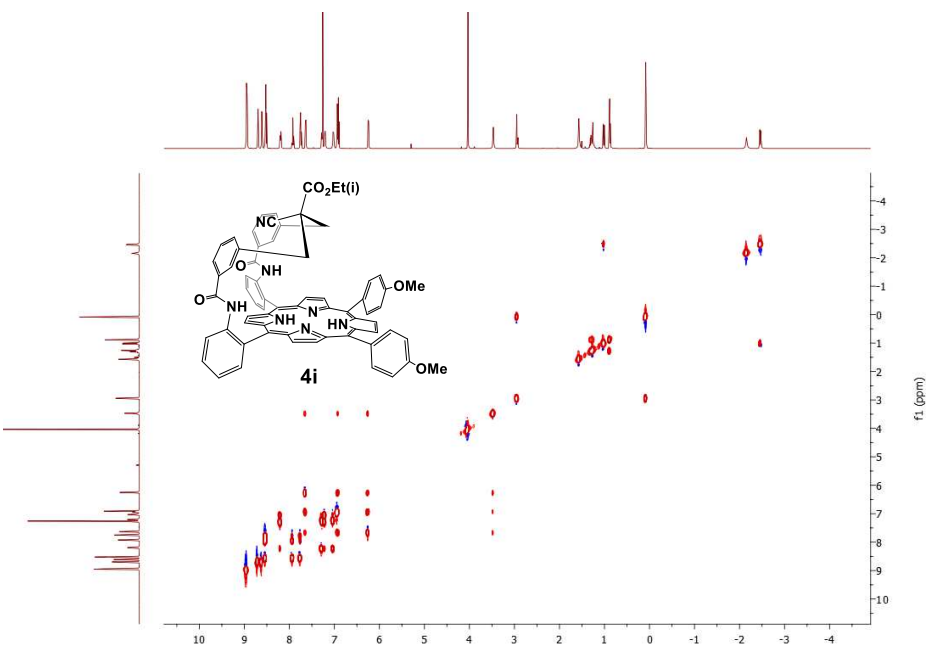

Figure S2. TOCSY NMR spectrum **4i** (DMSO-d_6, 500 MHz, 298 K).

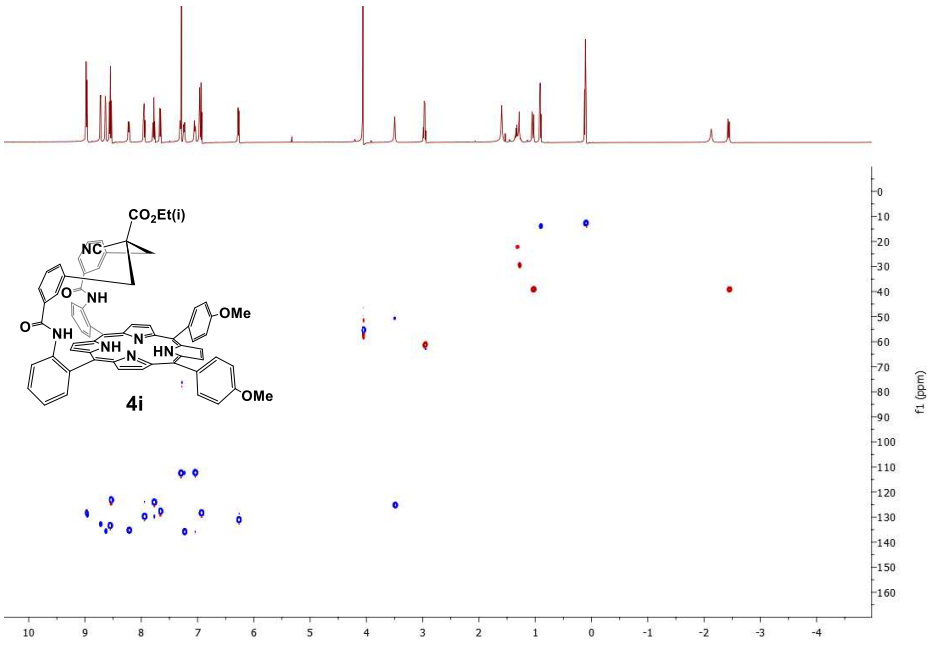

Figure S3. HSQC NMR spectrum **4i** (DMSO-d_6, 500 MHz, 298 K).

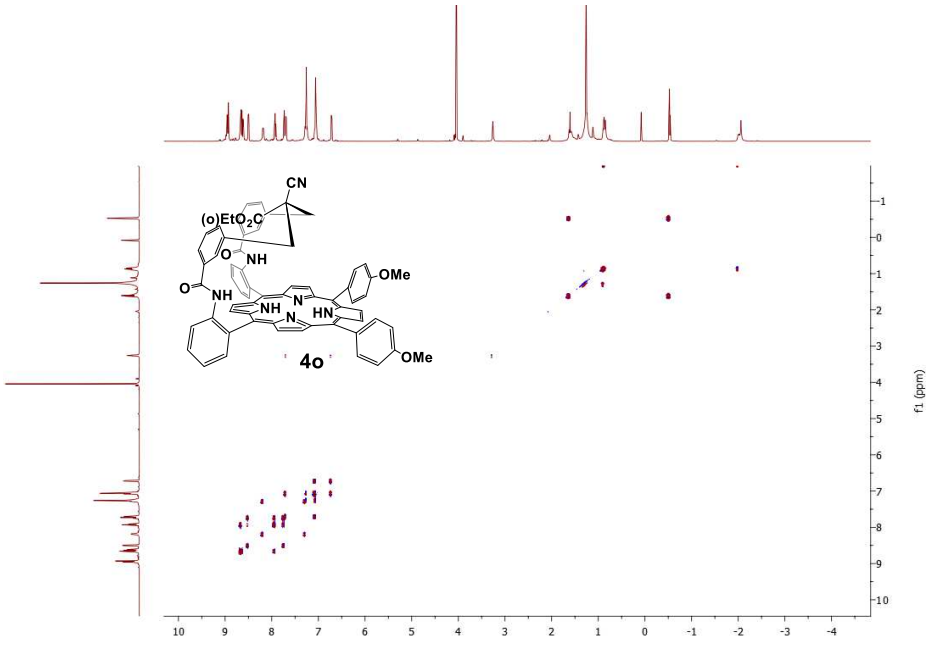

Figure S4. COSY NMR spectrum **4o** (DMSO-d_6, 500 MHz, 298 K).

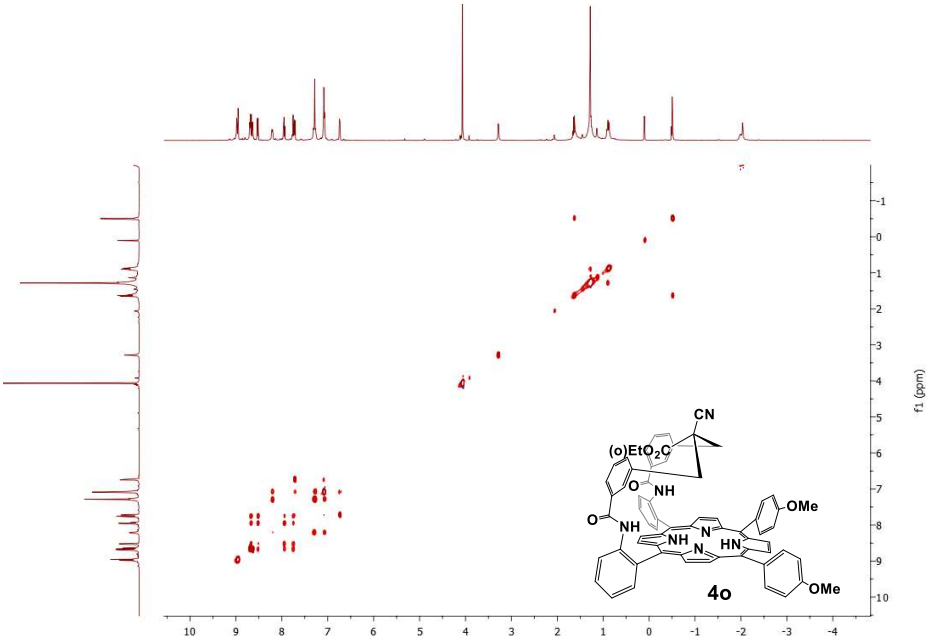

Figure S5. TOCSY NMR spectrum **4o** (DMSO-d_6, 500 MHz, 298 K).

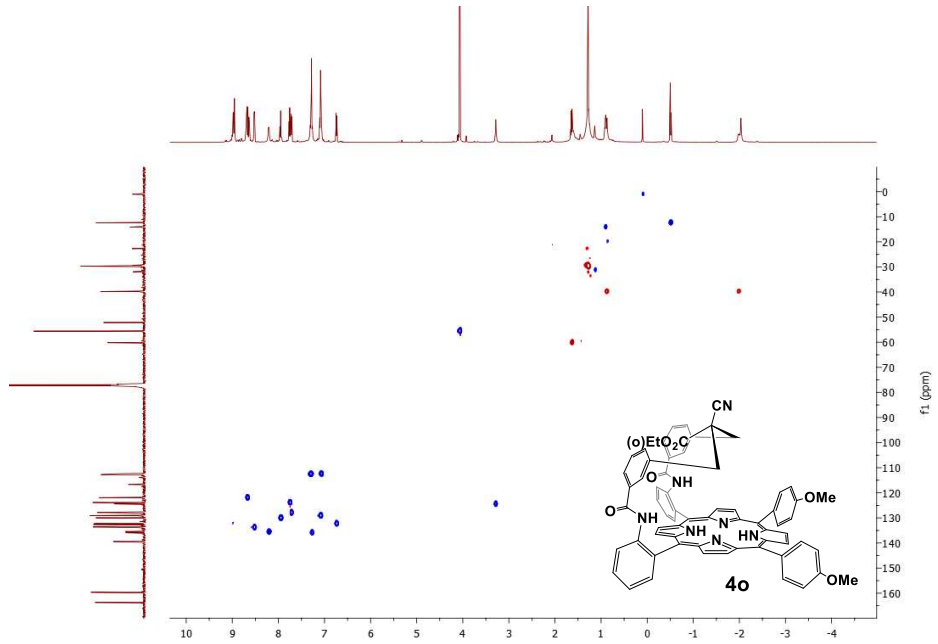

Figure S6. HSQC NMR spectrum **4o** (DMSO-d_6, 500 MHz, 298 K).

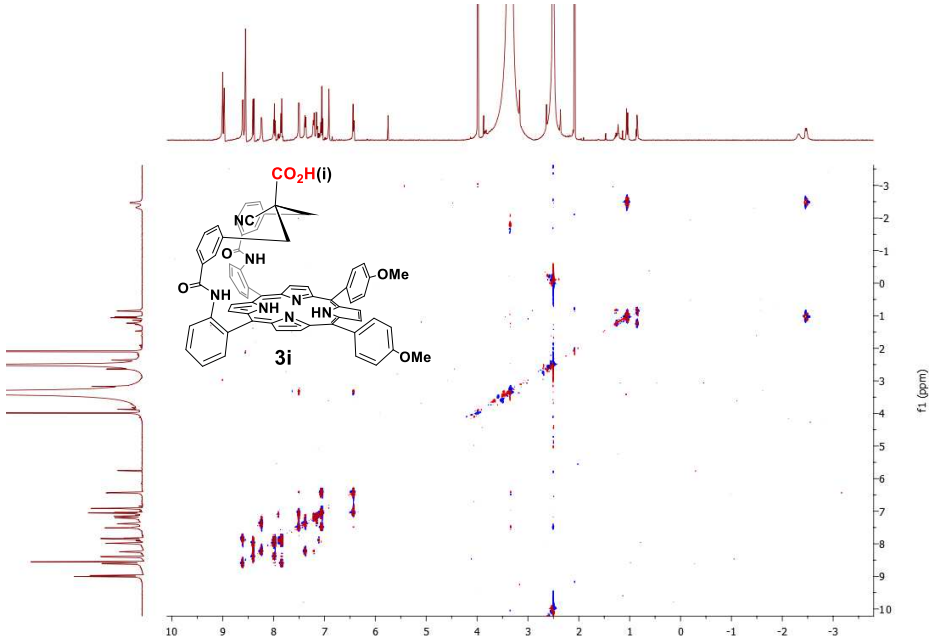

Figure S7. COSY NMR spectrum **3i** (DMSO-d_6, 500 MHz, 298 K).

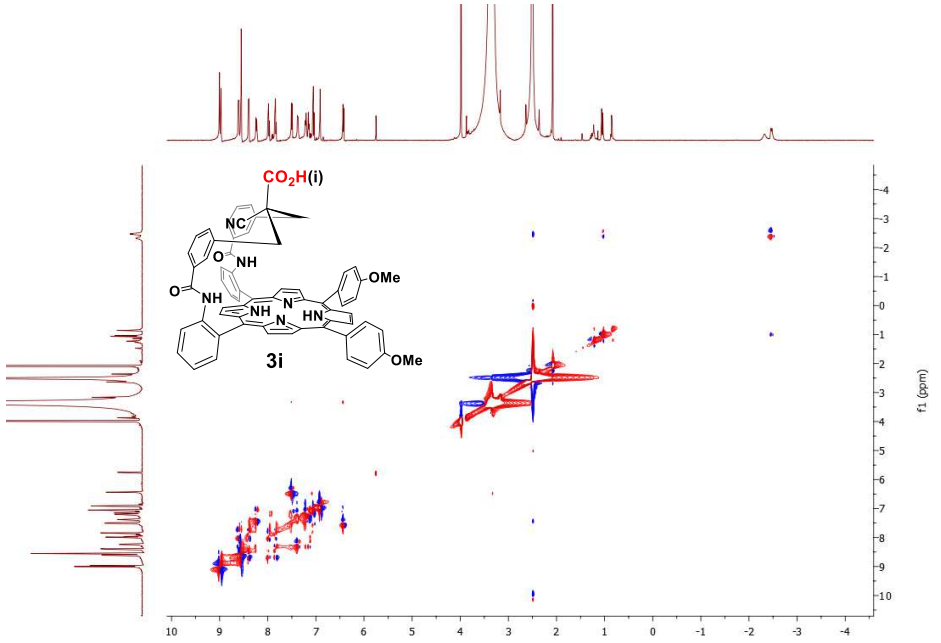

Figure S8. TOCSY NMR spectrum **3i** (DMSO-d_6, 500 MHz, 298 K).

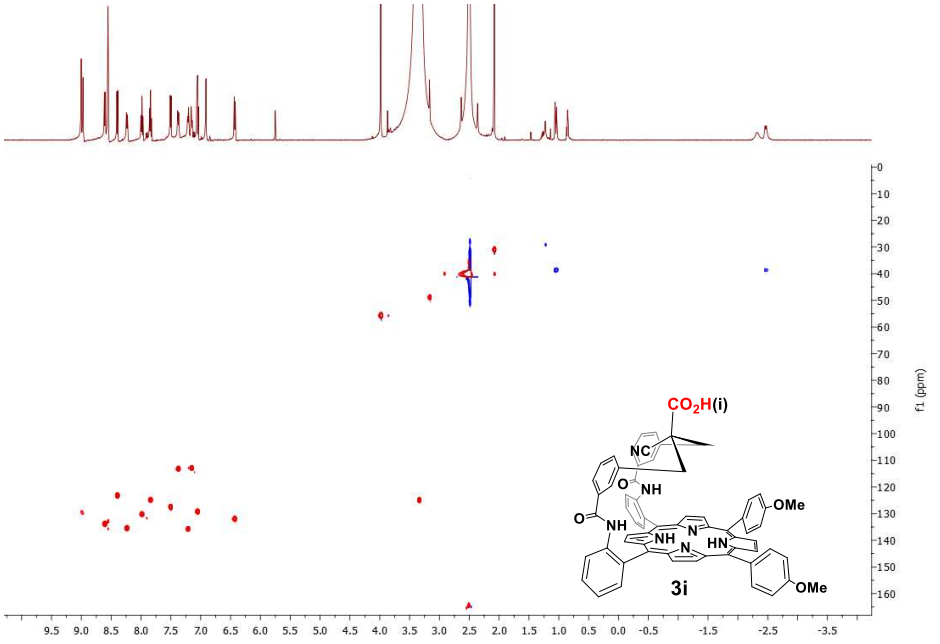

Figure S9. HSQC NMR spectrum **3i** (DMSO-d_6, 500 MHz, 298 K).

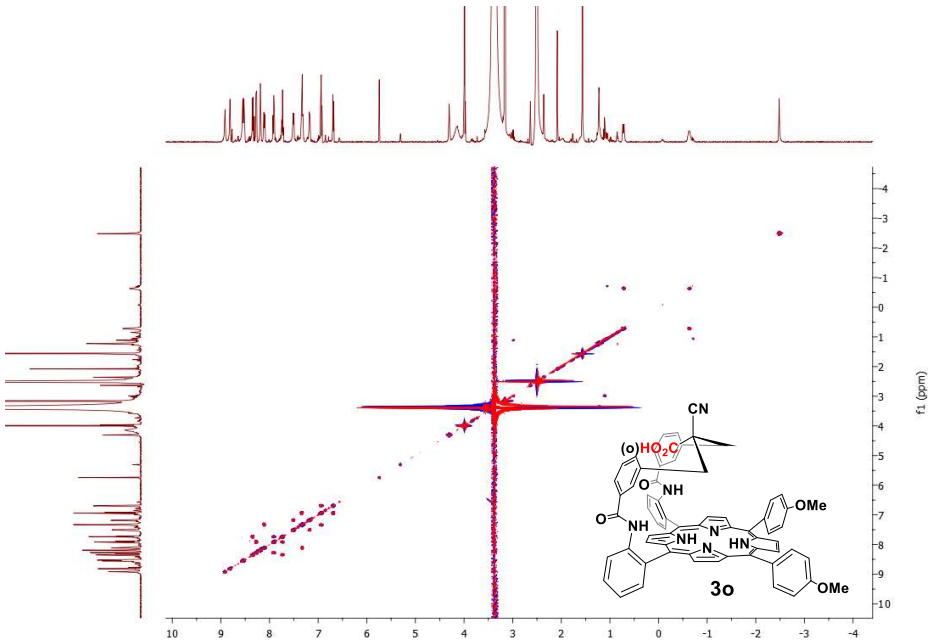

Figure S10. COSY NMR spectrum **3o** (DMSO-d_6, 500 MHz, 298 K).

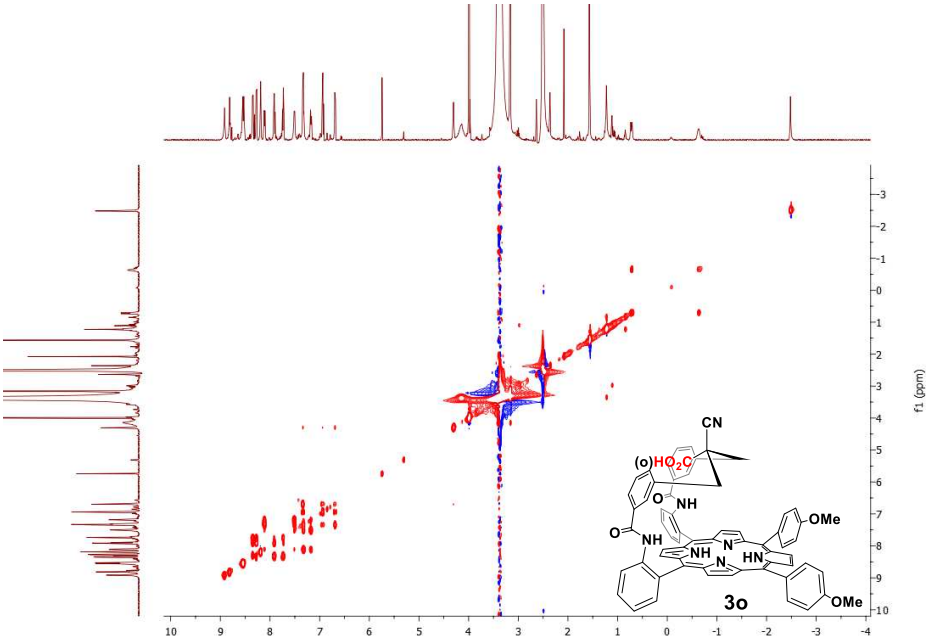

Figure S11. TOCSY NMR spectrum **3o** (DMSO-d_6, 500 MHz, 298 K).

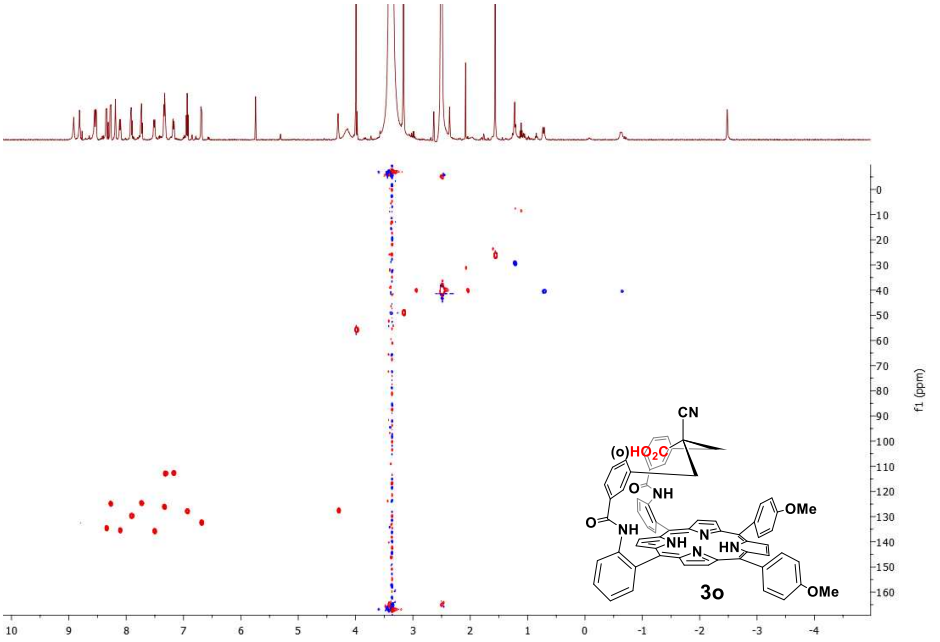

Figure S12. HSQC NMR spectrum **3o** (DMSO-d_6, 500 MHz, 298 K).

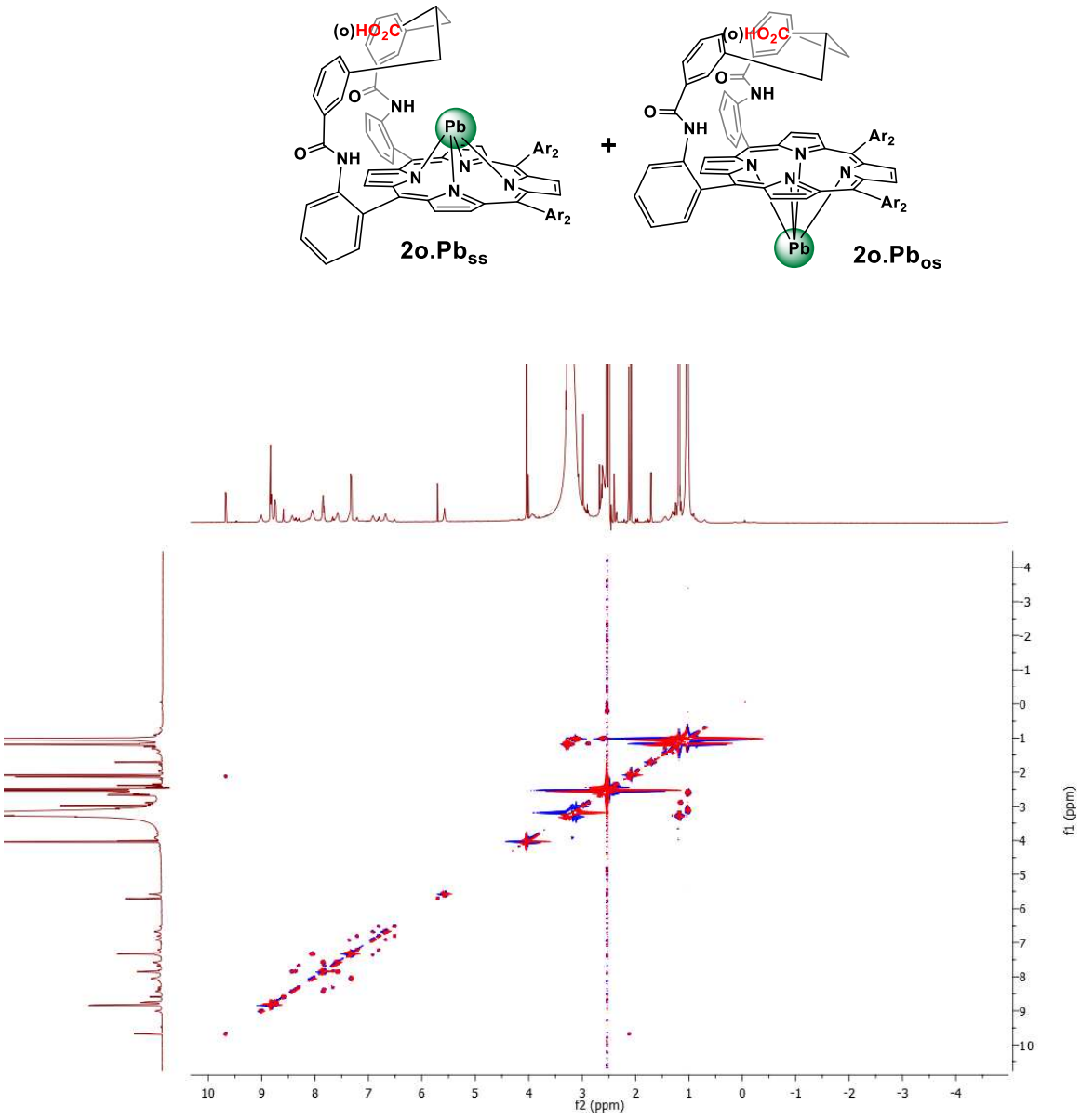

Figure S13. COSY NMR spectrum **2o.Pb** (DMSO-d_6, 500 MHz, 333 K).

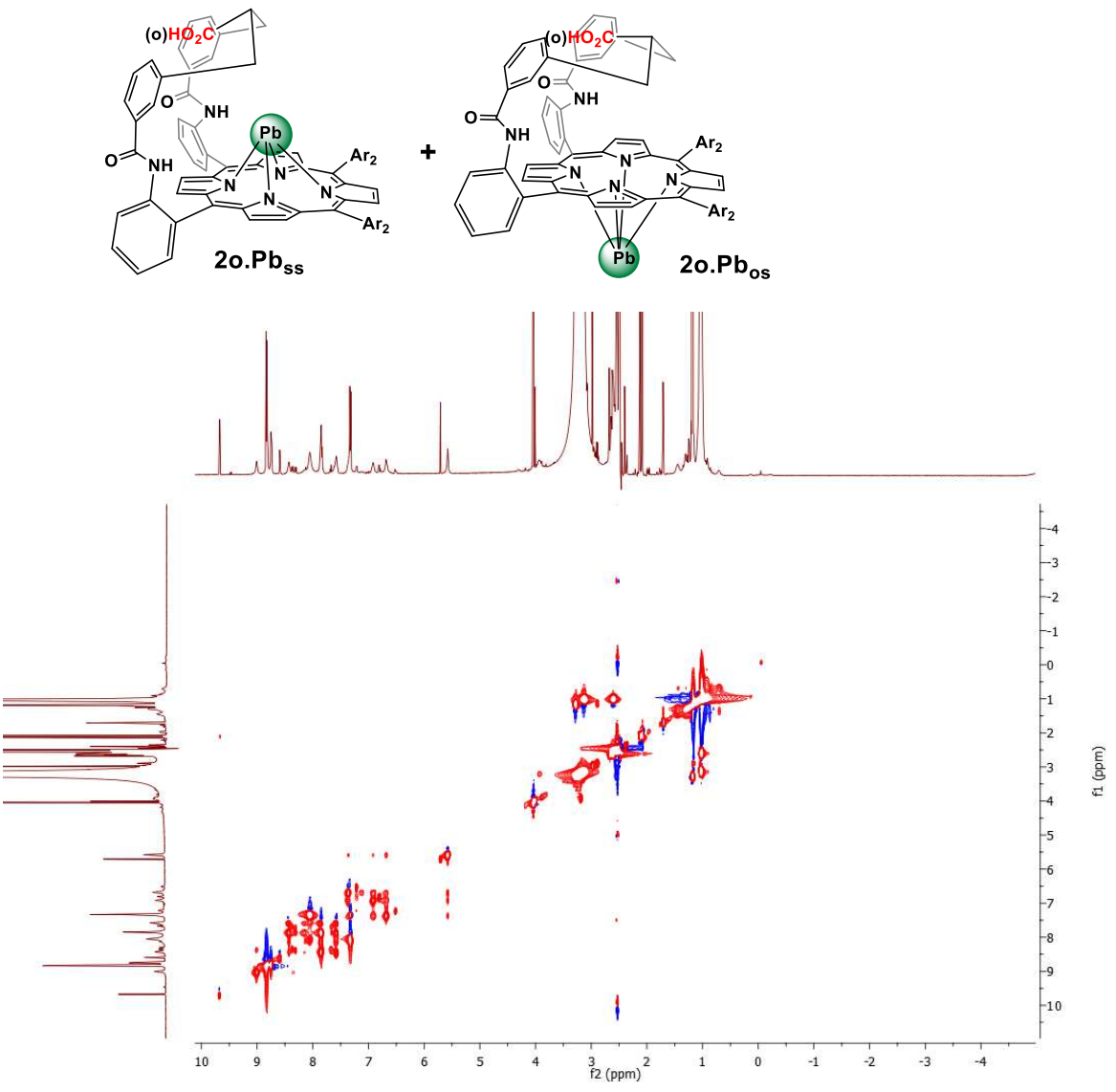

Figure S14. TOCSY NMR spectrum **2o.Pb** (DMSO-d_6, 500 MHz, 333 K).

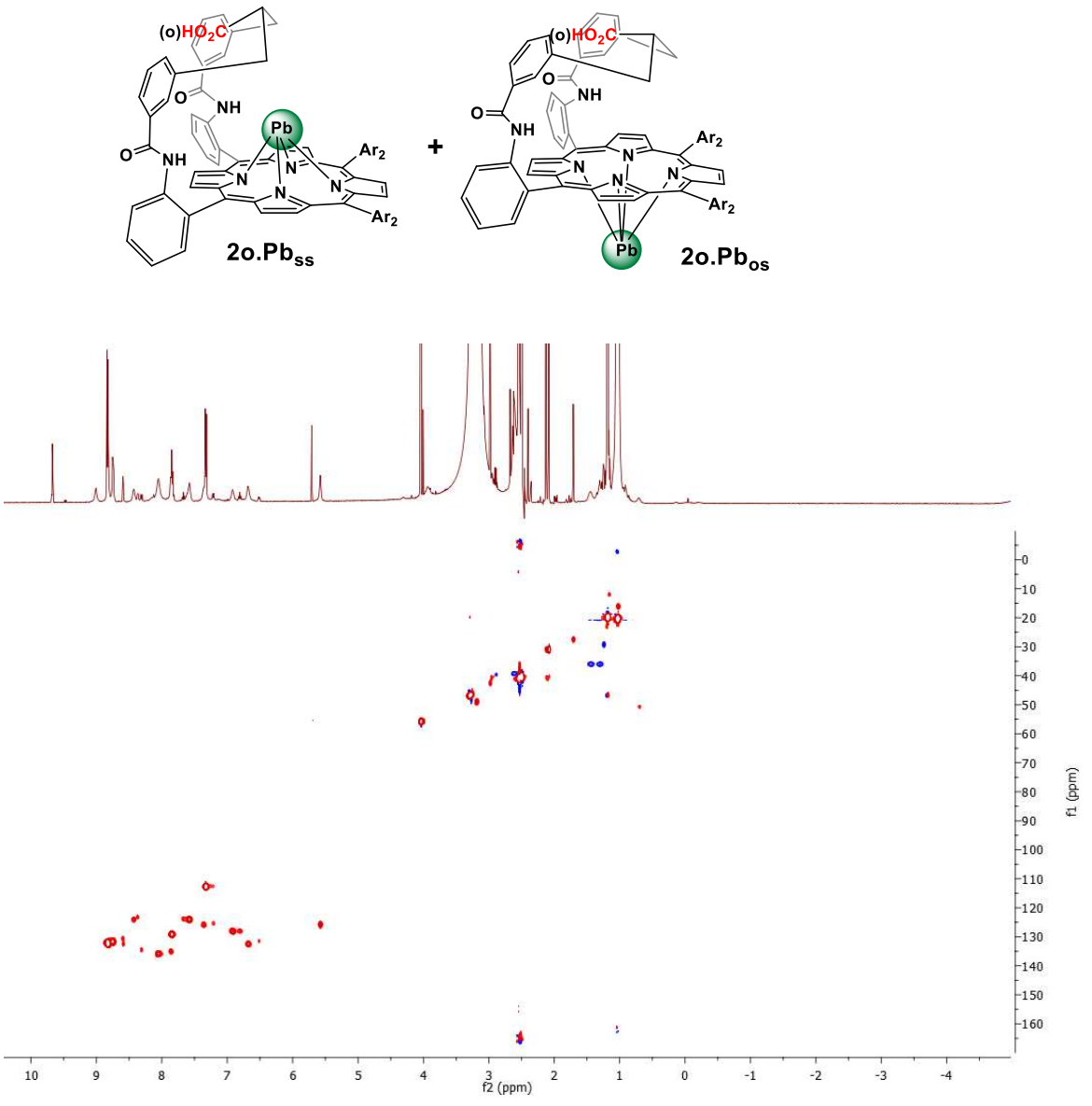

Figure S15. HSQC NMR spectrum **2o.Pb** (DMSO-d_6, 500 MHz, 333 K).

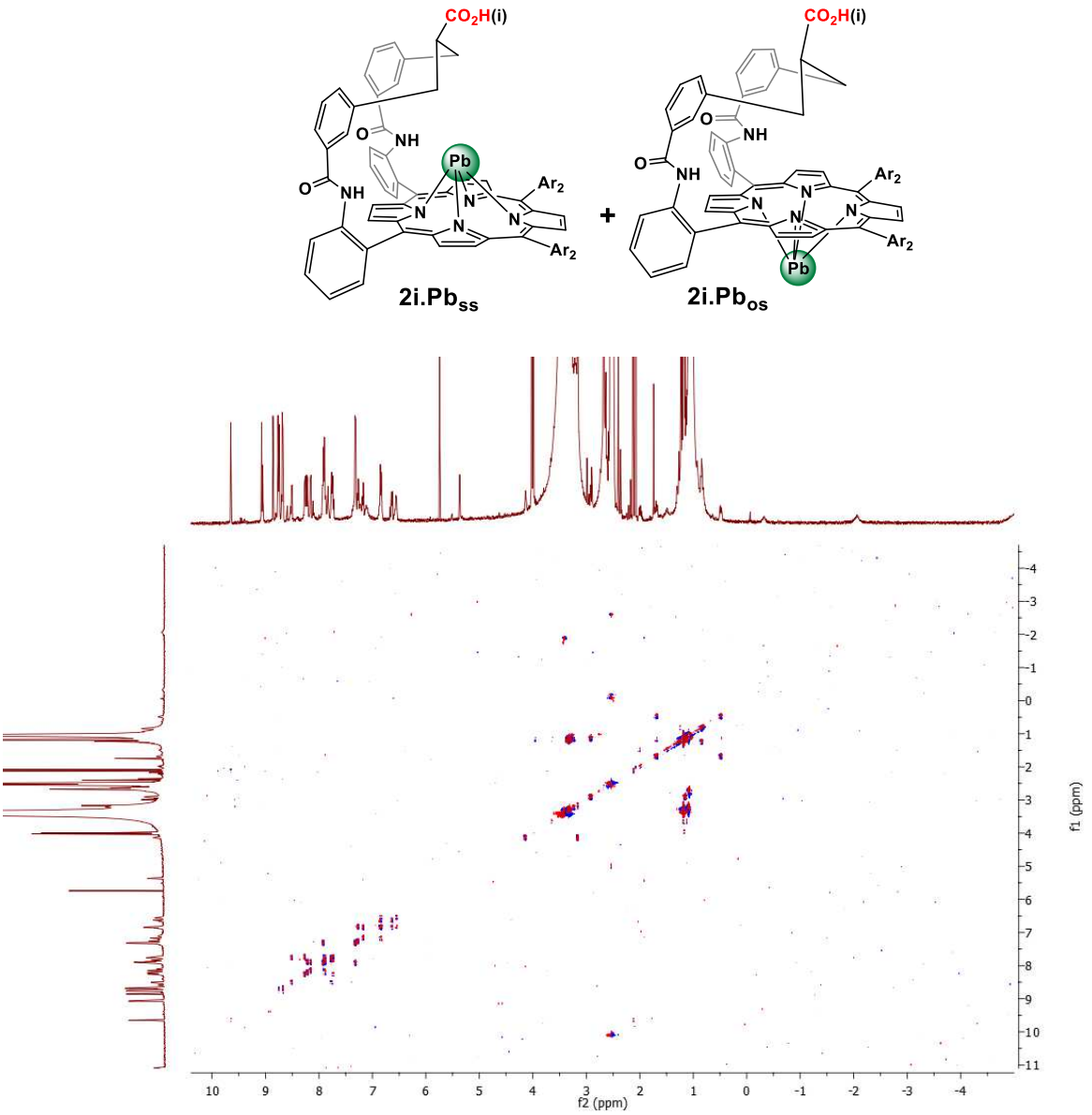

Figure S16. COSY NMR spectrum **2i.Pb** (DMSO-d_6, 500 MHz, 298 K).

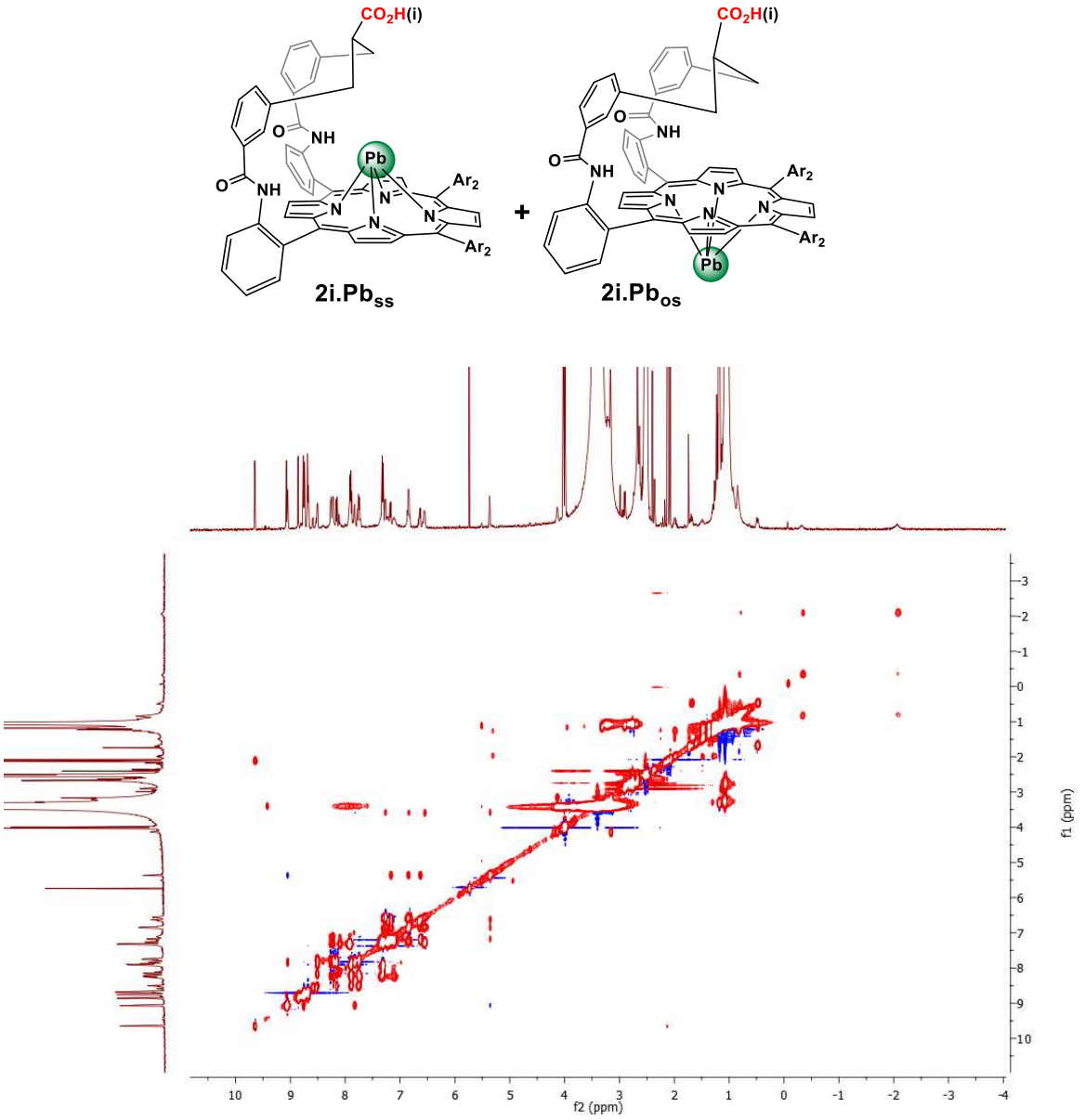

Figure S17. TOCSY NMR spectrum **2i.Pb** (DMSO-d_6, 500 MHz, 298 K).

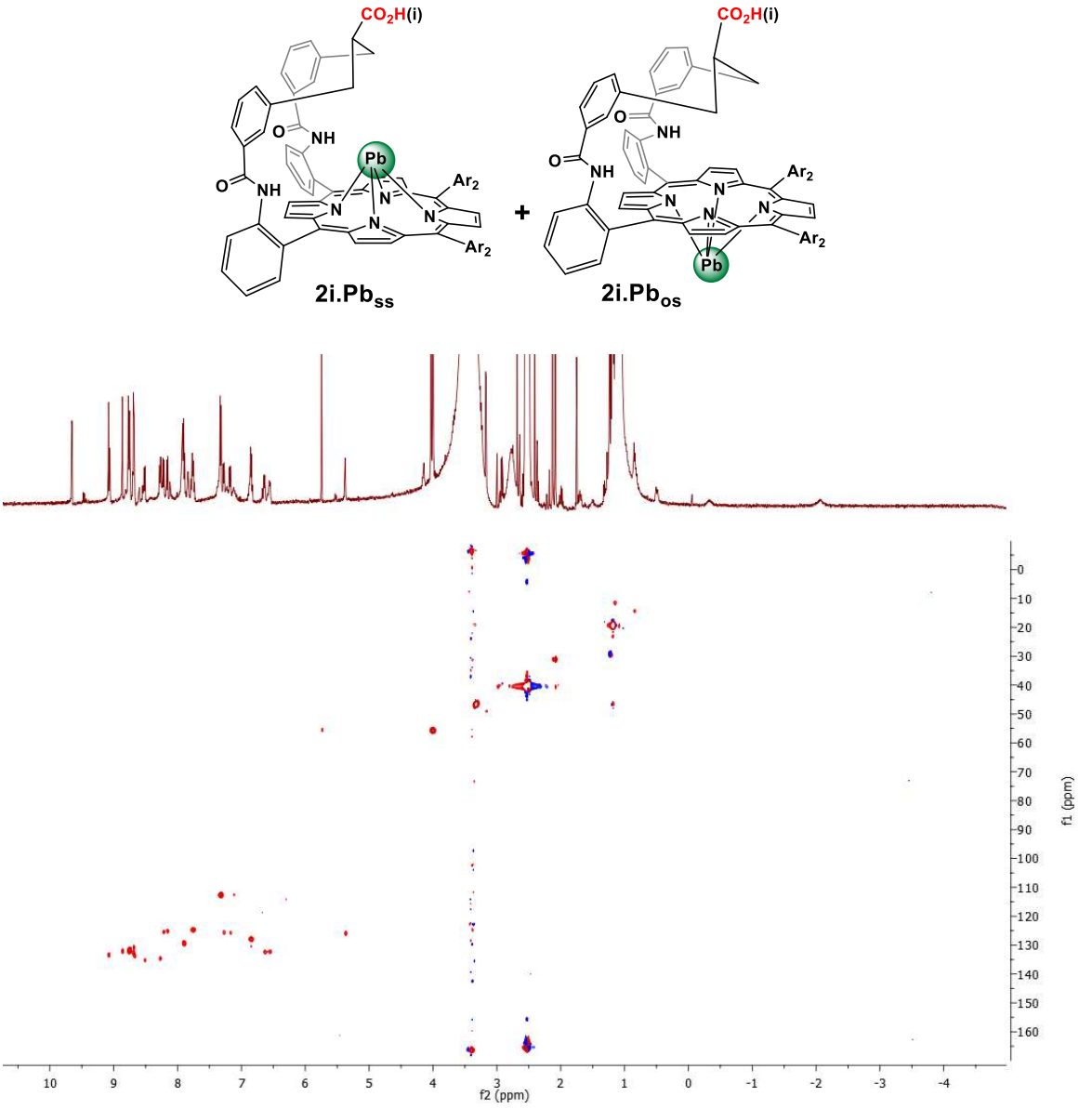

Figure S18. HSQC NMR spectrum **2i.Pb** (DMSO-d_6, 500 MHz, 298 K).

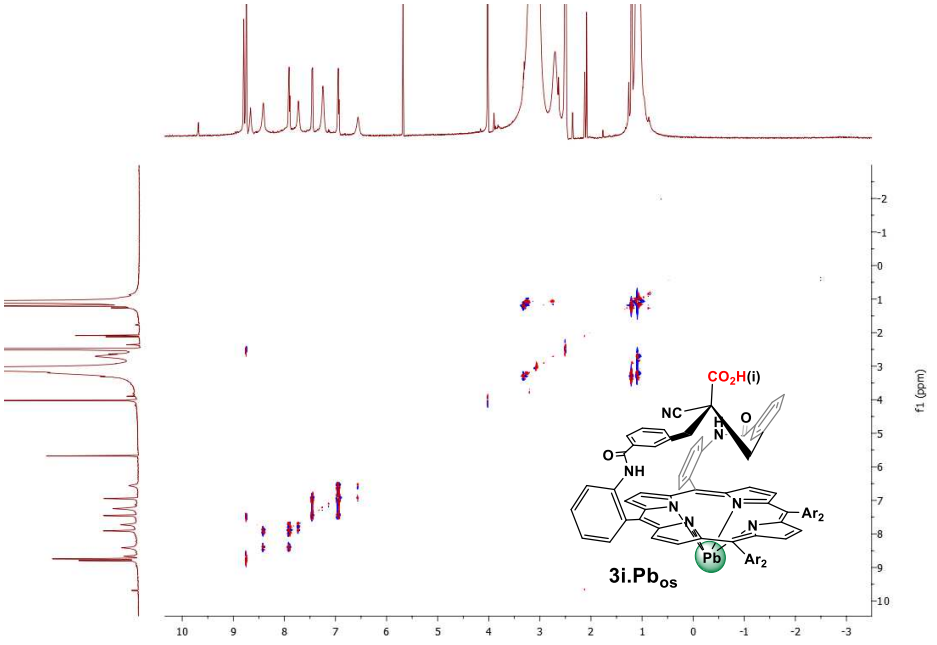

Figure S19. COSY NMR spectrum **3i.Pb$_{os}$** (DMSO-d$_6$, 500 MHz, 353 K).

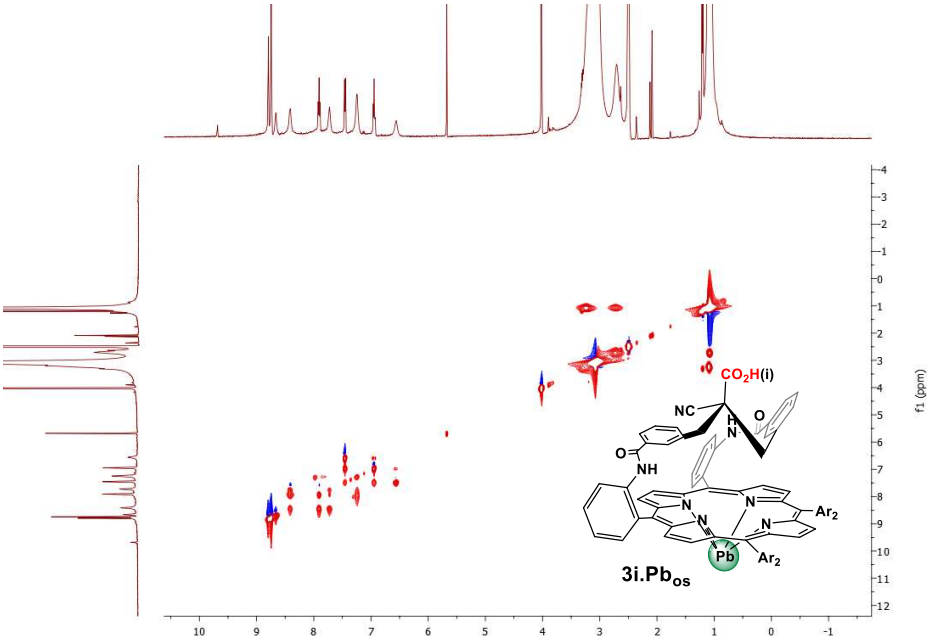

Figure S20. TOCSY NMR spectrum **3i.Pb$_{os}$** (DMSO-d$_6$, 500 MHz, 353 K).

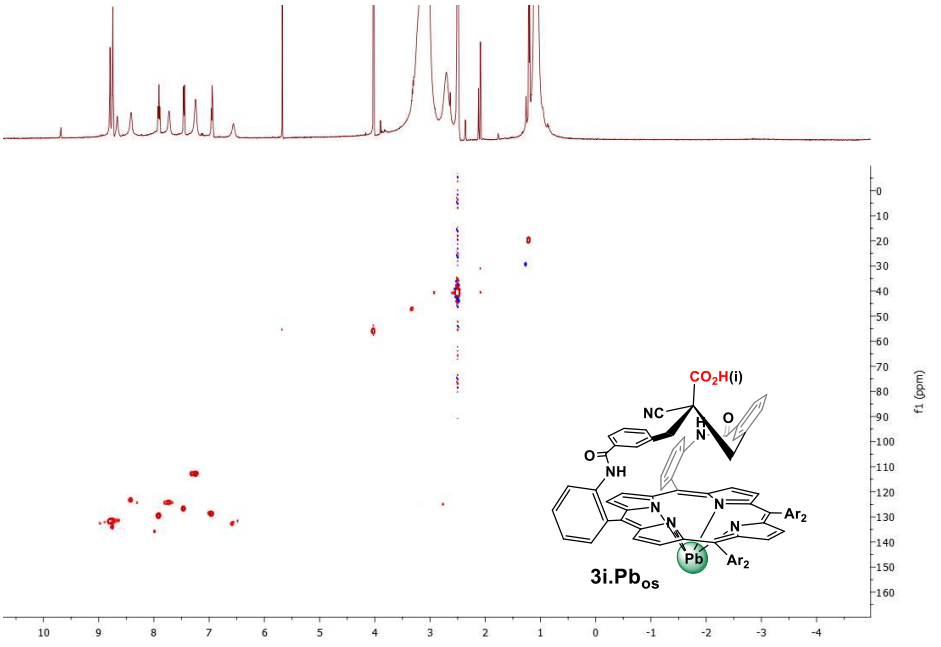

Figure S21. HSQC NMR spectrum **3i.Pb$_{os}$** (DMSO-d$_6$, 500 MHz, 353 K).

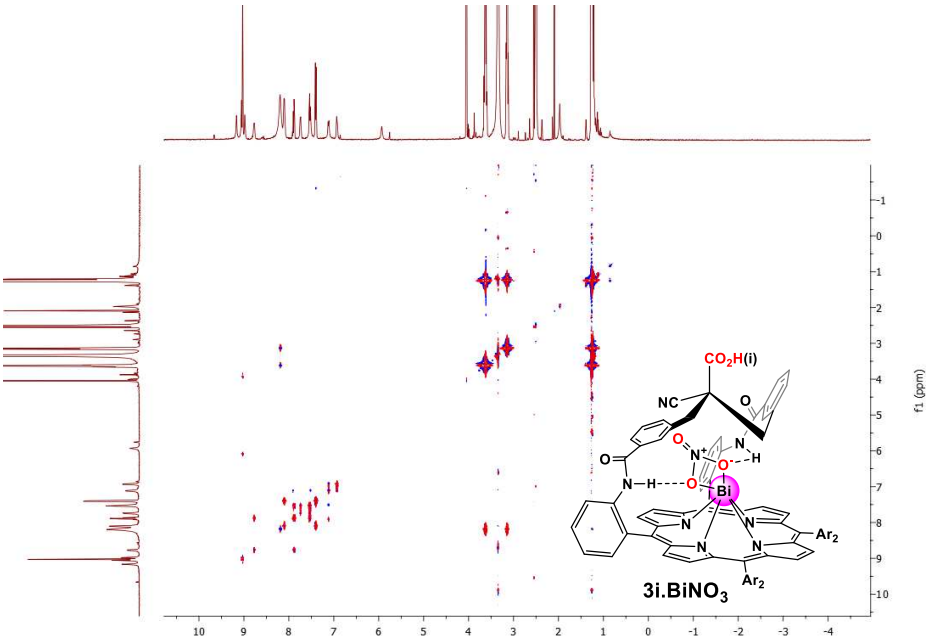

Figure S22. COSY NMR spectrum **3i.BiNO$_3$** (DMSO-d$_6$, 500 MHz, 298 K)

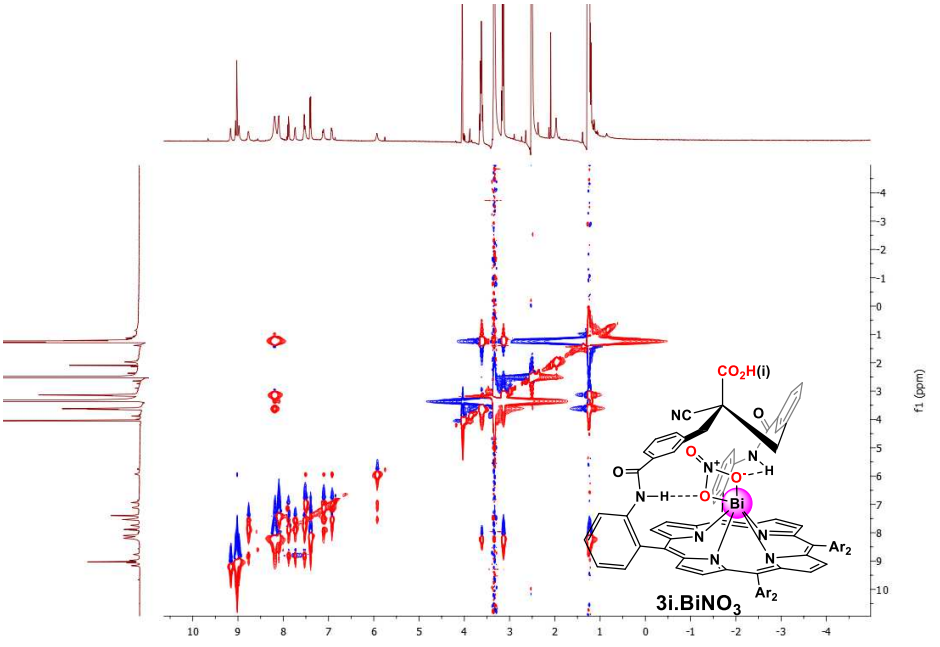

Figure S23. TOCSY NMR spectrum **3i.BiNO$_3$** (DMSO-d$_6$, 500 MHz, 298 K).

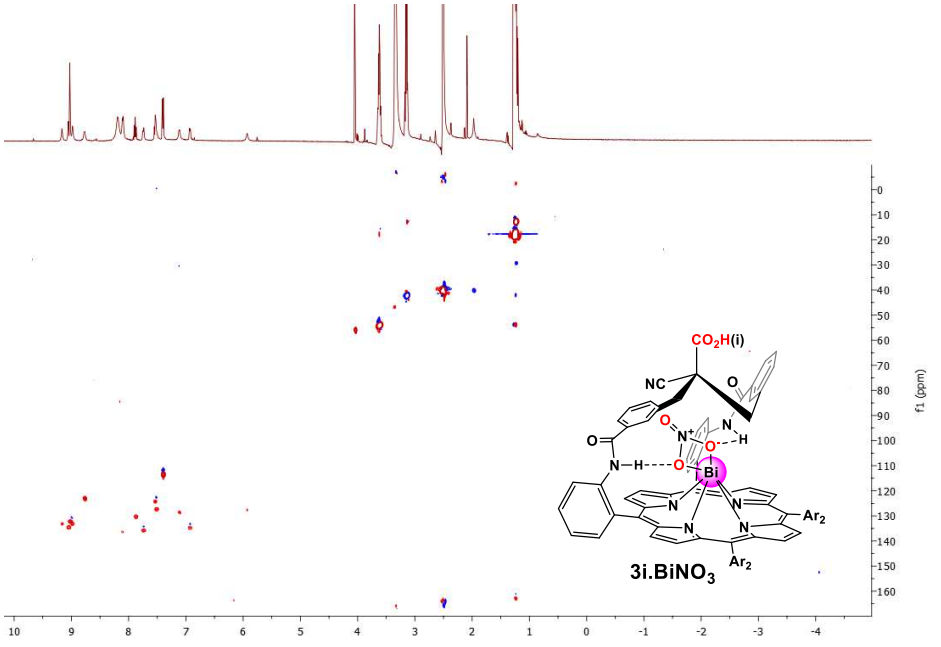

Figure S24. HSQC NMR spectrum **3i.BiNO$_3$** (DMSO-d$_6$, 500 MHz, 298 K).

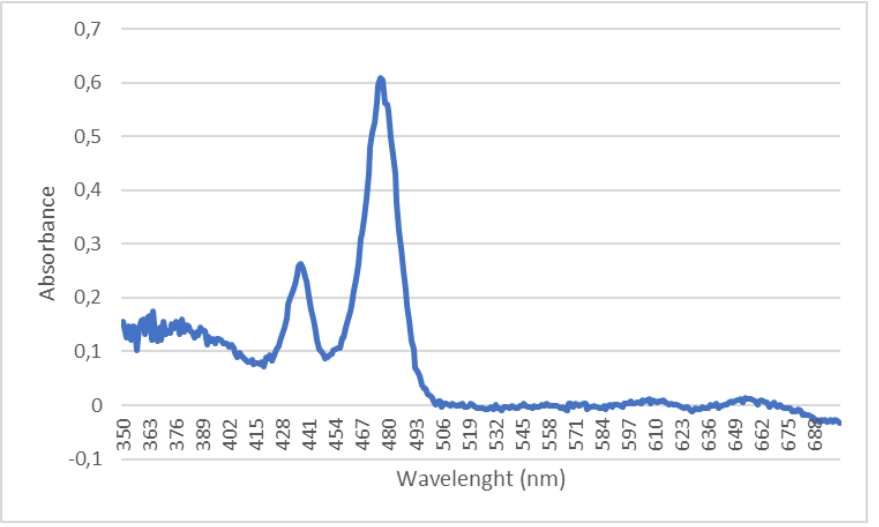

Figure S25. UV-vis. spectrum of **2o.Pb$_{os}$** (DMSO).

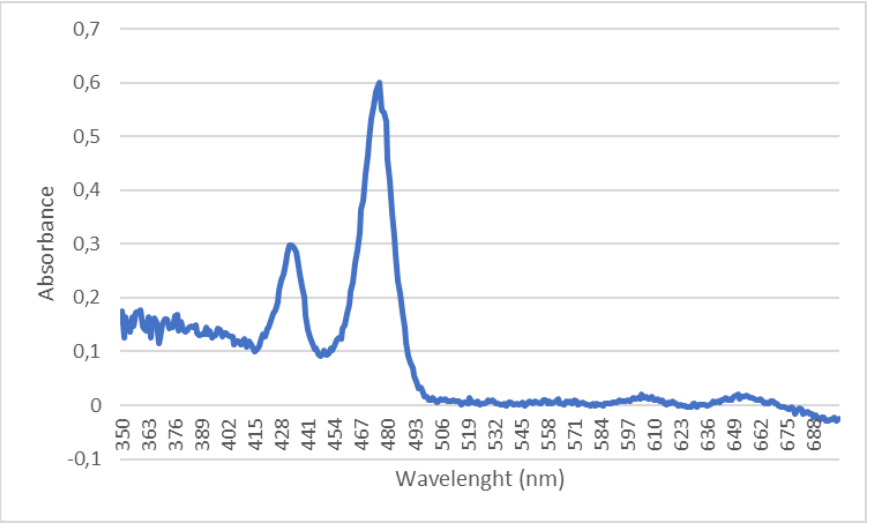

Figure S26. UV-vis. spectrum of **2i.Pb$_{os}$** (DMSO).

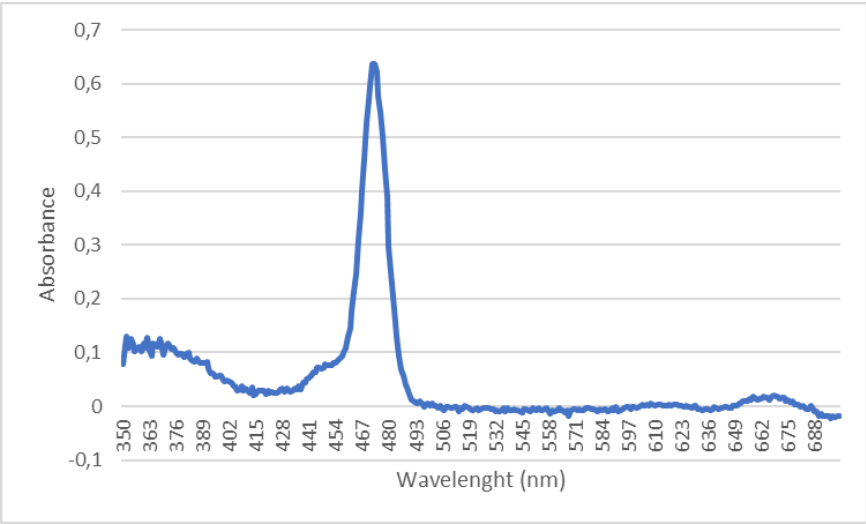

Figure S27. UV-vis. spectrum of **3i.Pb$_{os}$** (DMSO).

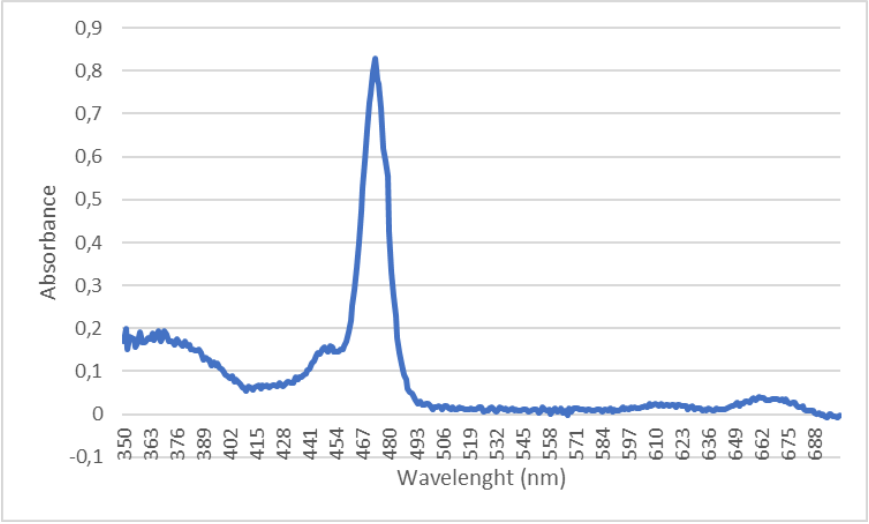

Figure S28. UV-vis. spectrum of **3i.BiNO$_3$** (DMSO).