

A Comparative Analysis of the In Vitro Anticancer Activity of Iridium(III) $\{\eta^5\text{-C}_5\text{Me}_4\text{R}\}$ Complexes with Variable R Groups

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Supporting Information

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Figure S1. ^1H NMR spectrum (401 MHz, CDCl_3) of **2b**

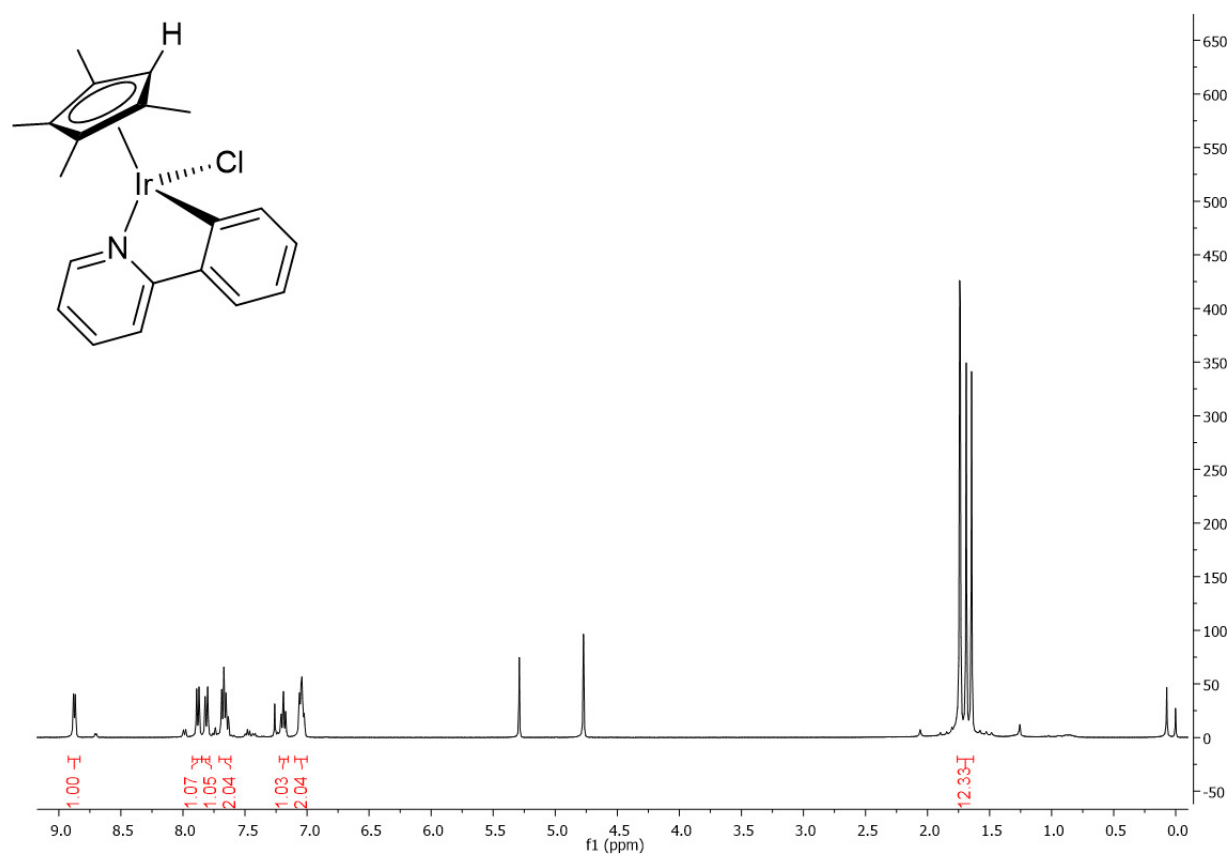


Figure S2. $^{13}\text{C}\{^1\text{H}\}$ NMR spectrum (101 MHz, CDCl_3) of **2b**.

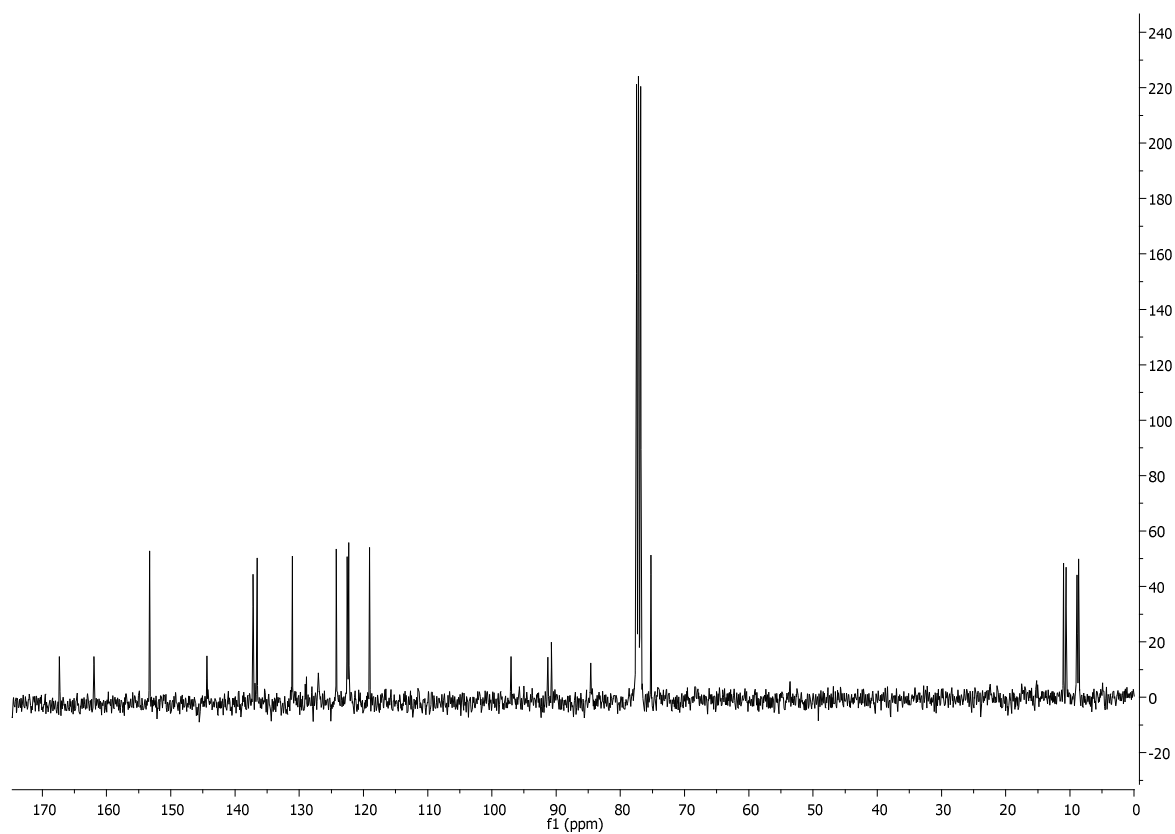


Figure S3. ^1H NMR spectrum (401 MHz, CDCl_3) of 2c.

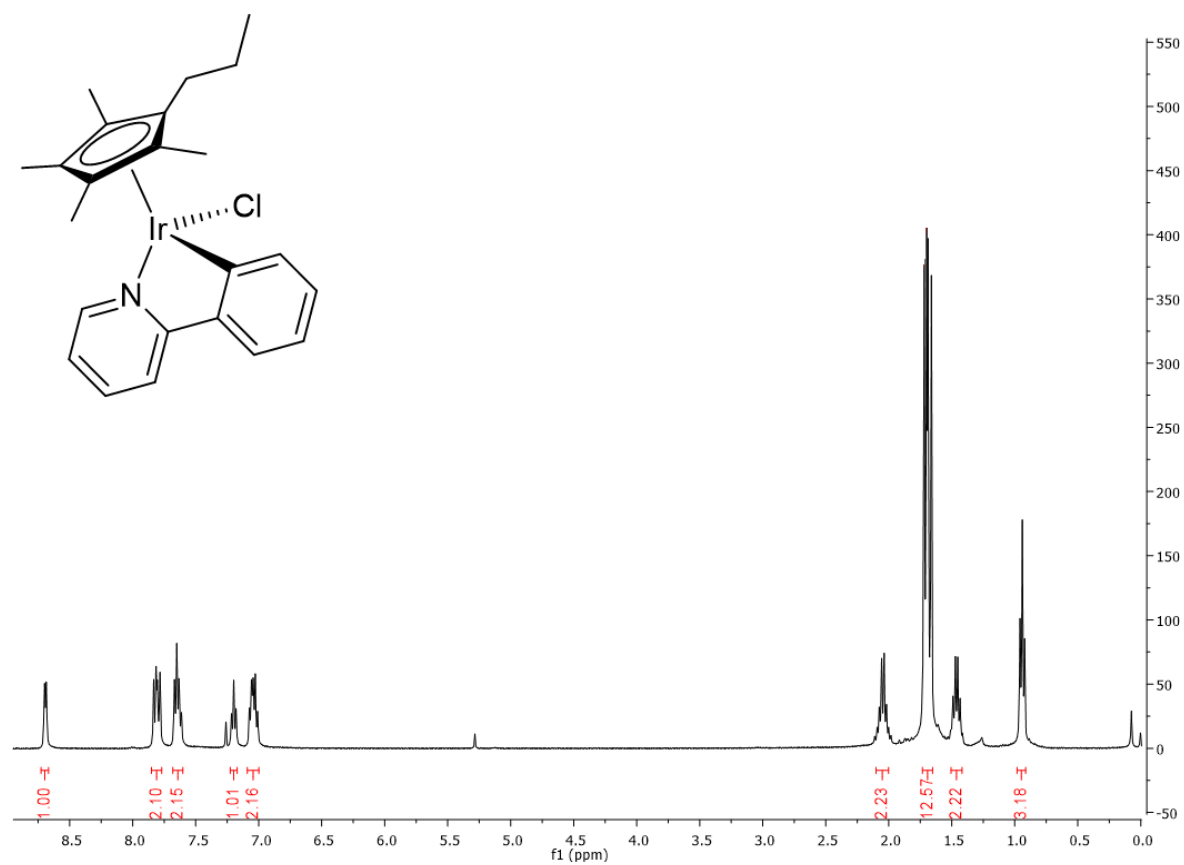


Figure S4. $^{13}\text{C}\{^1\text{H}\}$ NMR spectrum (101 MHz, CDCl_3) of 2c.

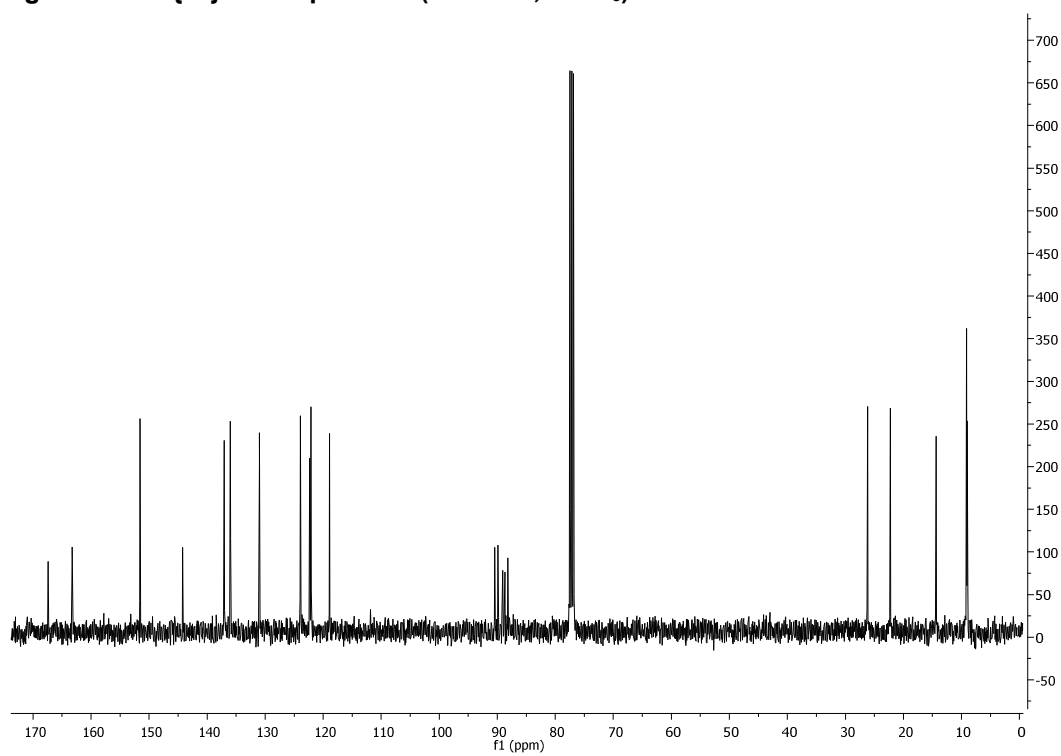


Figure S5. ^1H NMR spectrum (401 MHz, CDCl_3) of 2d.

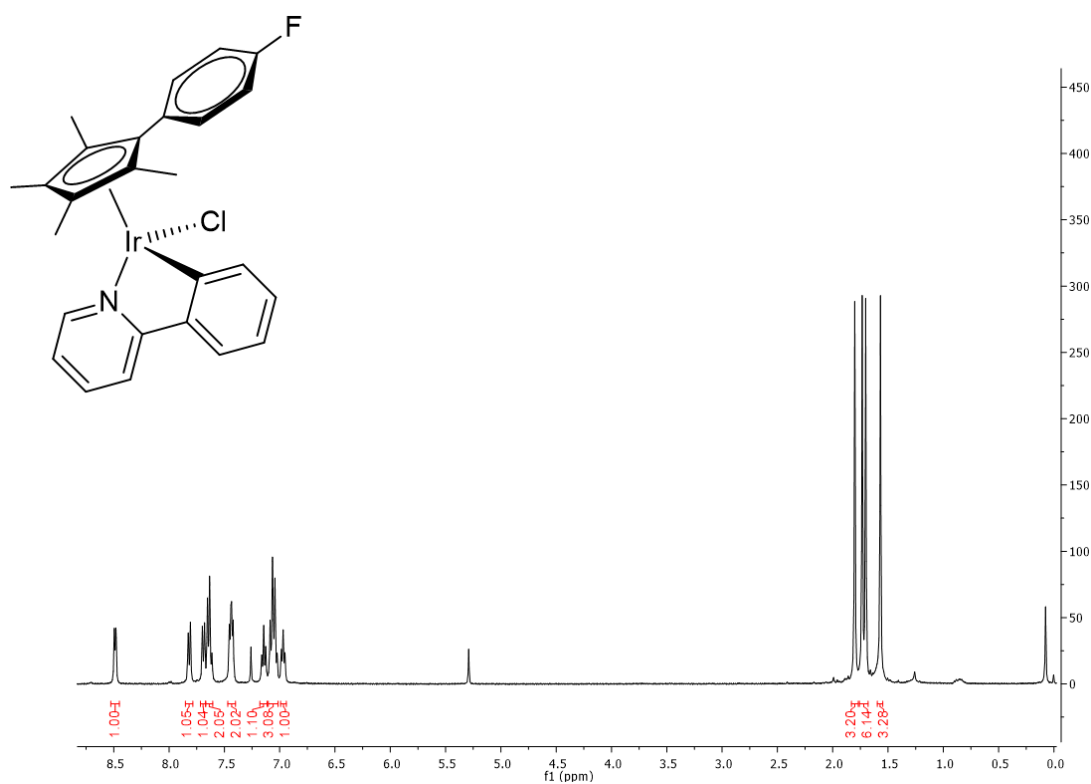


Figure S6. $^{13}\text{C}\{^1\text{H}\}$ NMR spectrum (101 MHz, CDCl_3) of 2d.

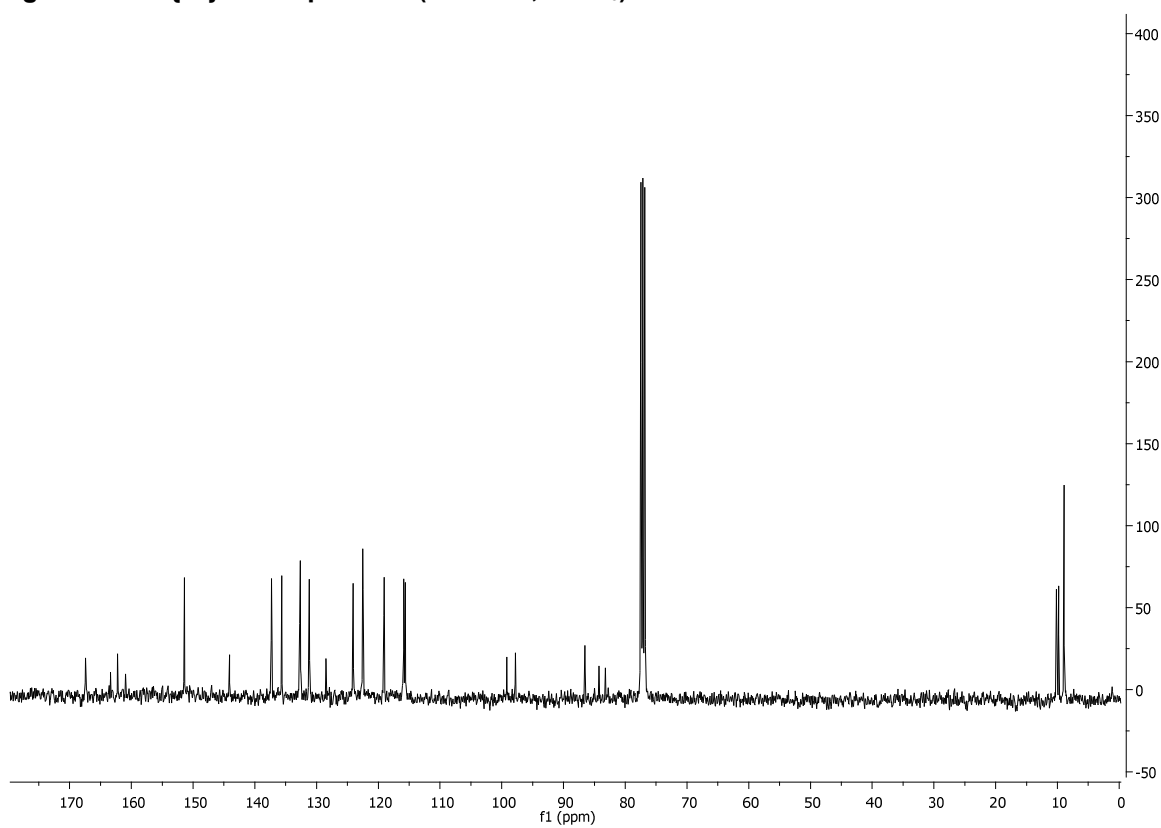


Figure S7. $^{19}\text{F}\{^1\text{H}\}$ NMR spectrum (378 MHz, CDCl_3) of 2d. Inset shows the -110 / -120 ppm region.

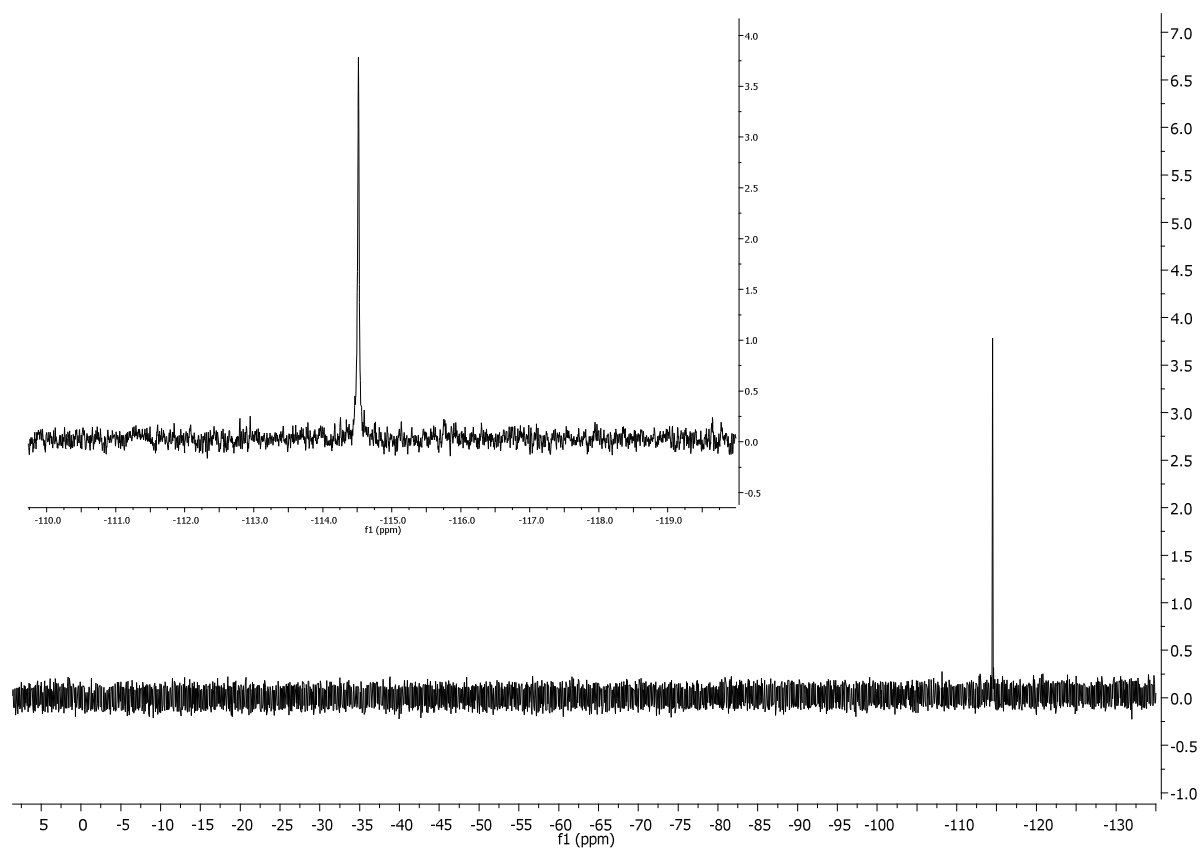


Figure S8. ^1H NMR spectrum (401 MHz, CDCl_3) of 3.

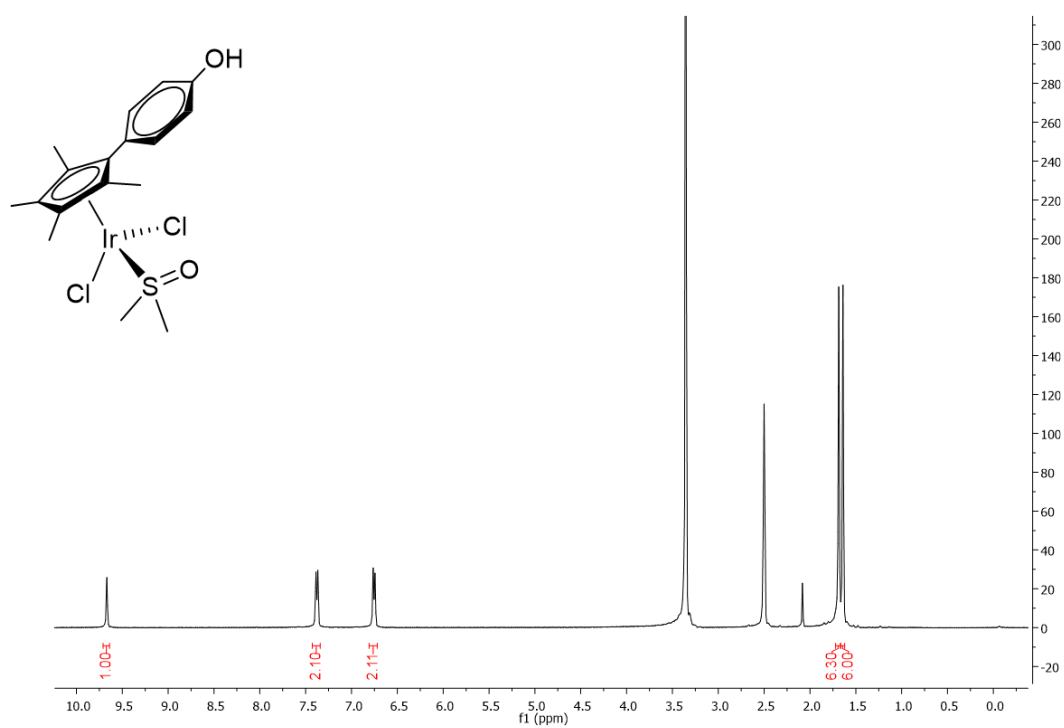


Figure S9. $^{13}\text{C}\{^1\text{H}\}$ NMR spectrum (101 MHz, CDCl_3) of 3.

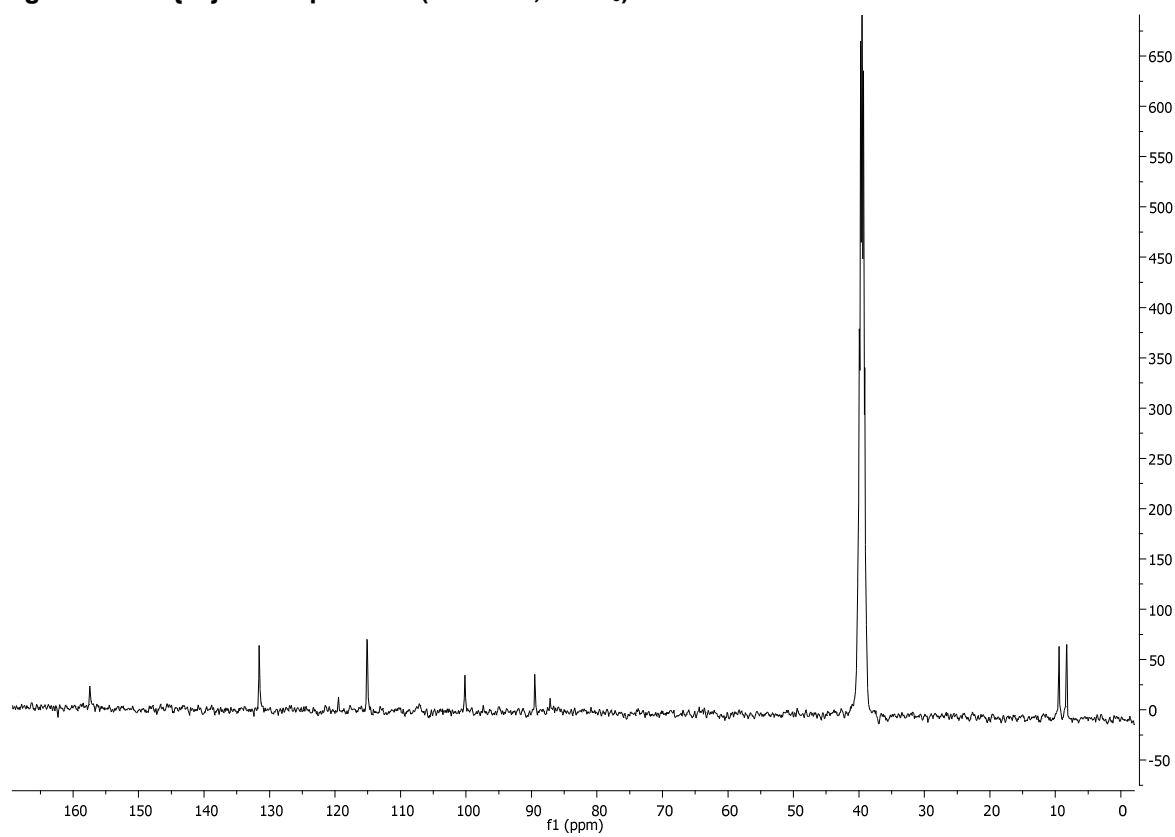


Figure S10. ^1H NMR spectrum (401 MHz, $\text{dms}\text{-d}_6/\text{D}_2\text{O}$) of **2a**.

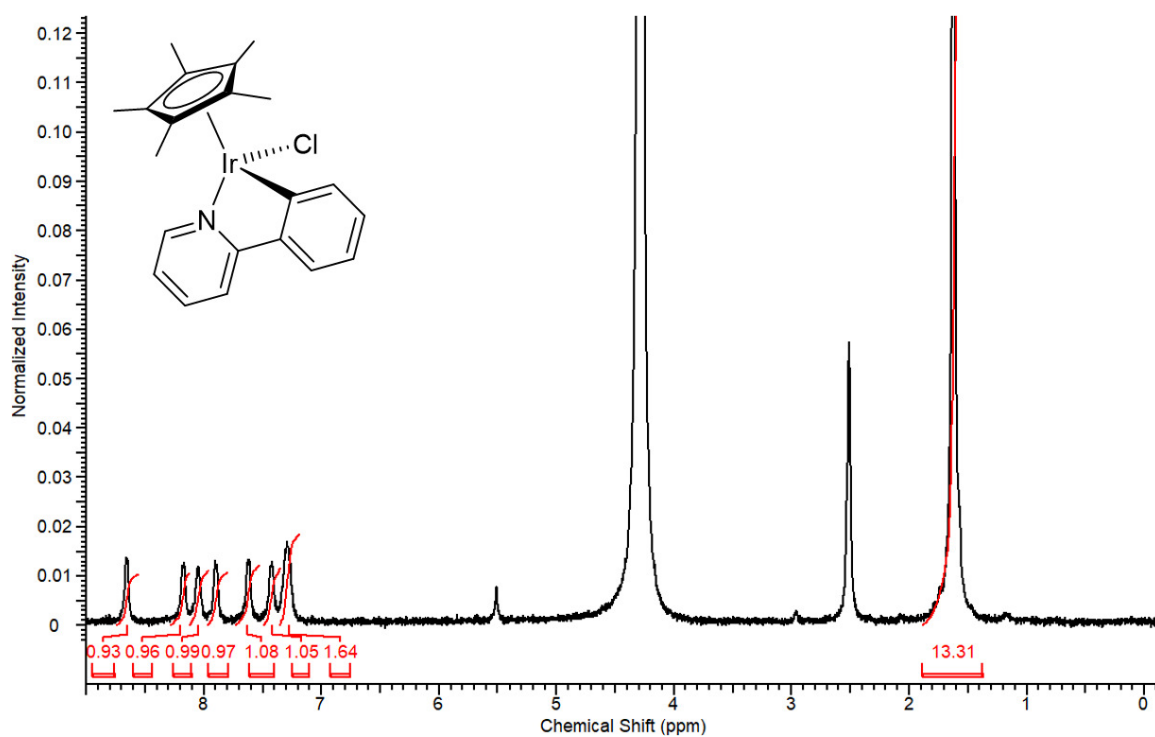


Figure S11. ^1H NMR spectrum (401 MHz, $\text{dms}\text{-d}_6/\text{D}_2\text{O}$) of **2b**.

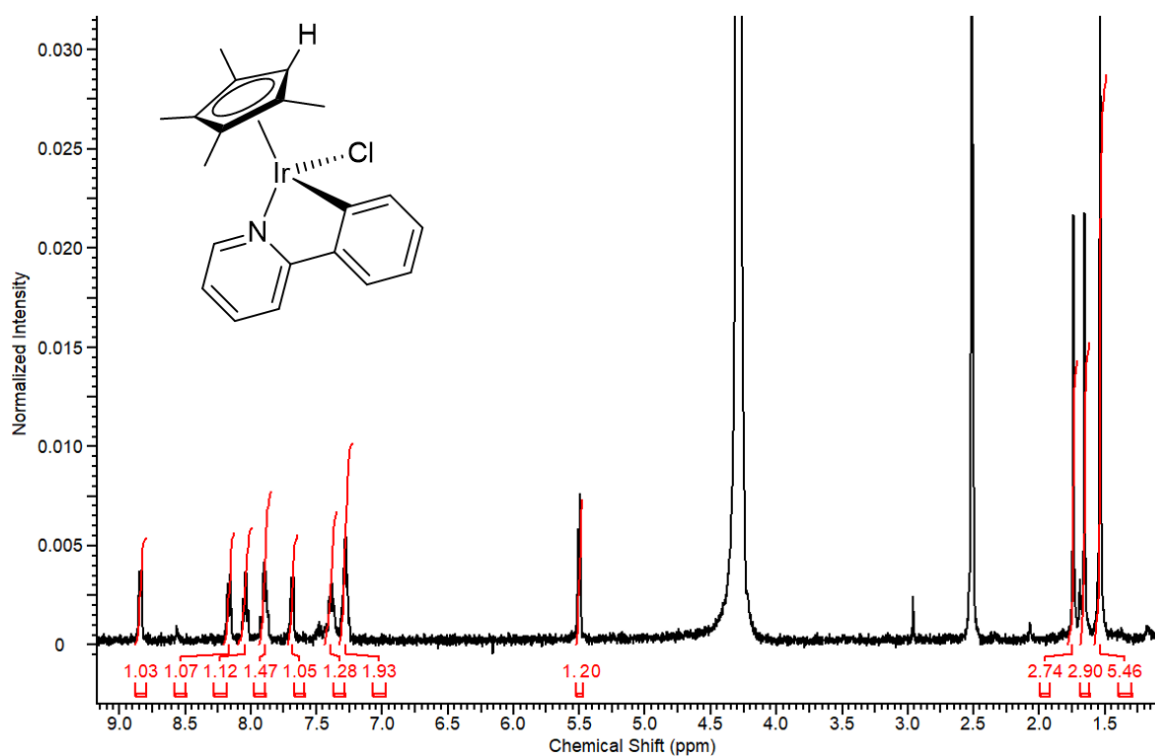


Figure S12. ^1H NMR spectrum (401 MHz, $\text{dms}\text{-d}_6/\text{D}_2\text{O}$) of 2c.

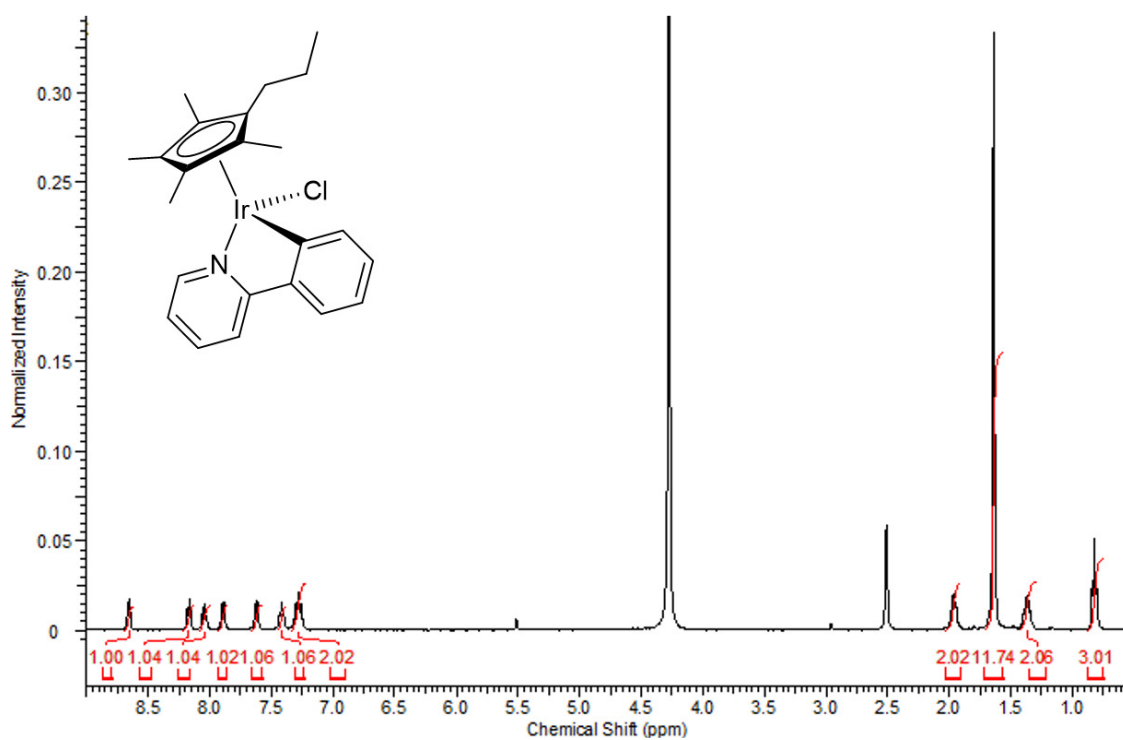


Figure S13. ^1H NMR spectrum (401 MHz, $\text{dms}\text{-d}_6/\text{D}_2\text{O}$) of 2d.

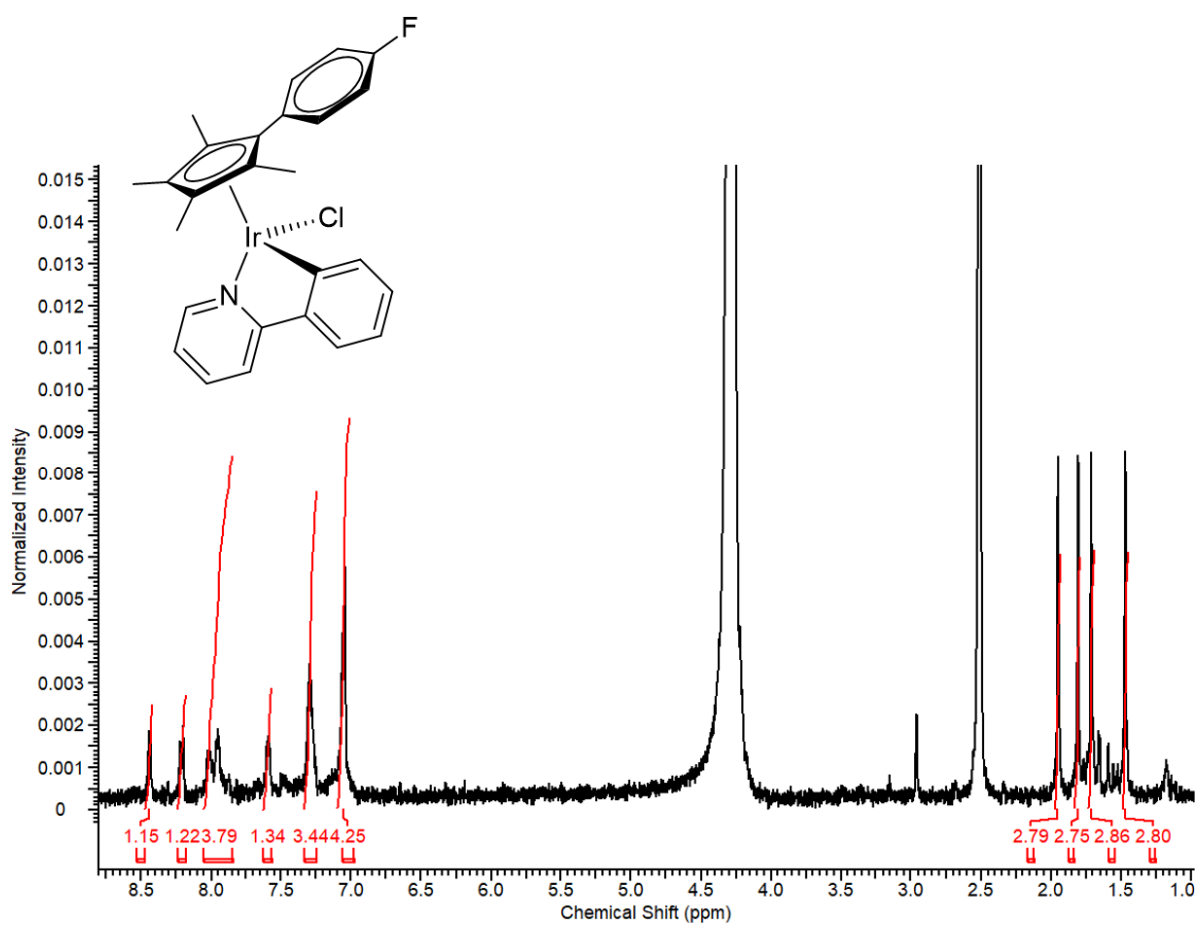


Figure S14. $^{19}\text{F}\{^1\text{H}\}$ NMR spectrum (378 MHz, $\text{dms}\text{-d}_6/\text{D}_2\text{O}$) of 2d.

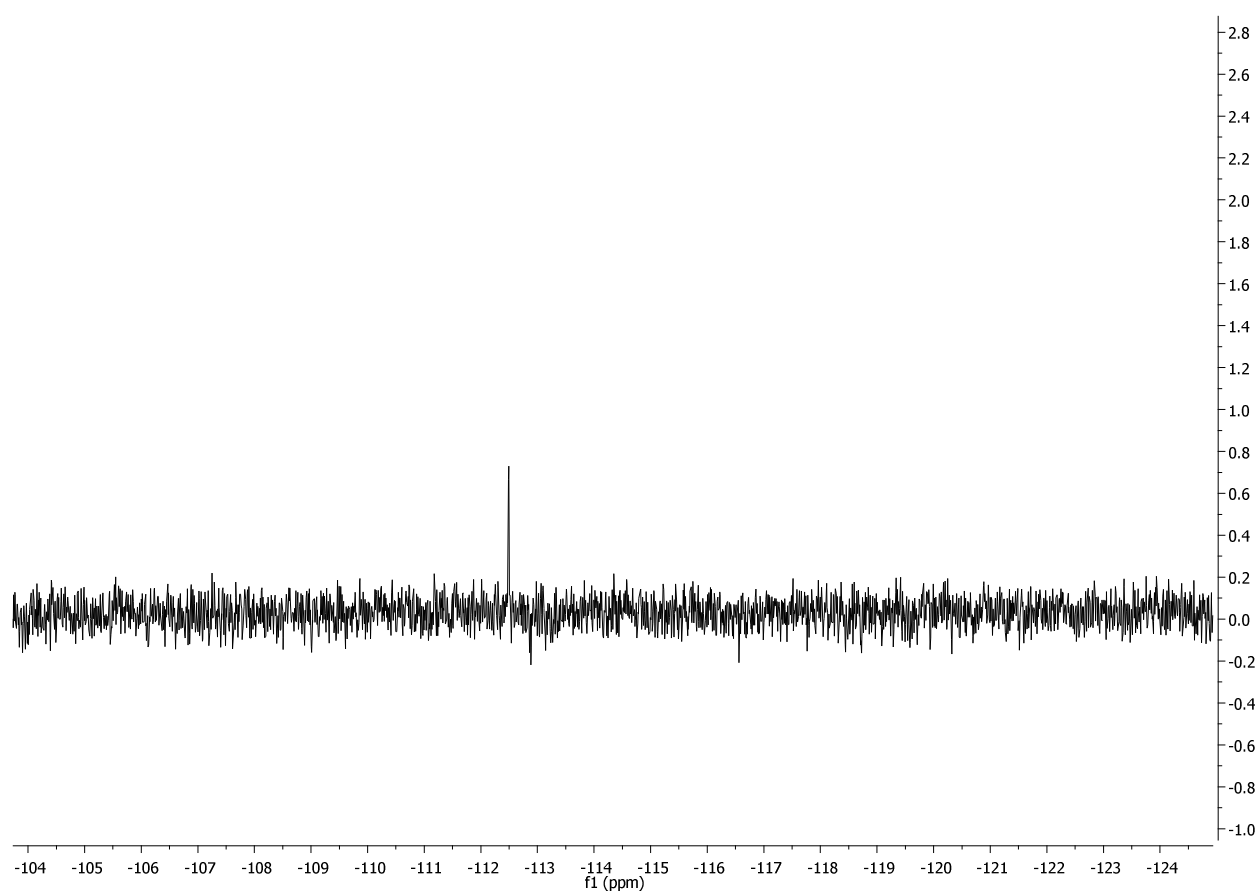


Figure S15. ^1H NMR spectrum (401 MHz, $\text{dms}\text{-d}_6/\text{D}_2\text{O}$) of 3.

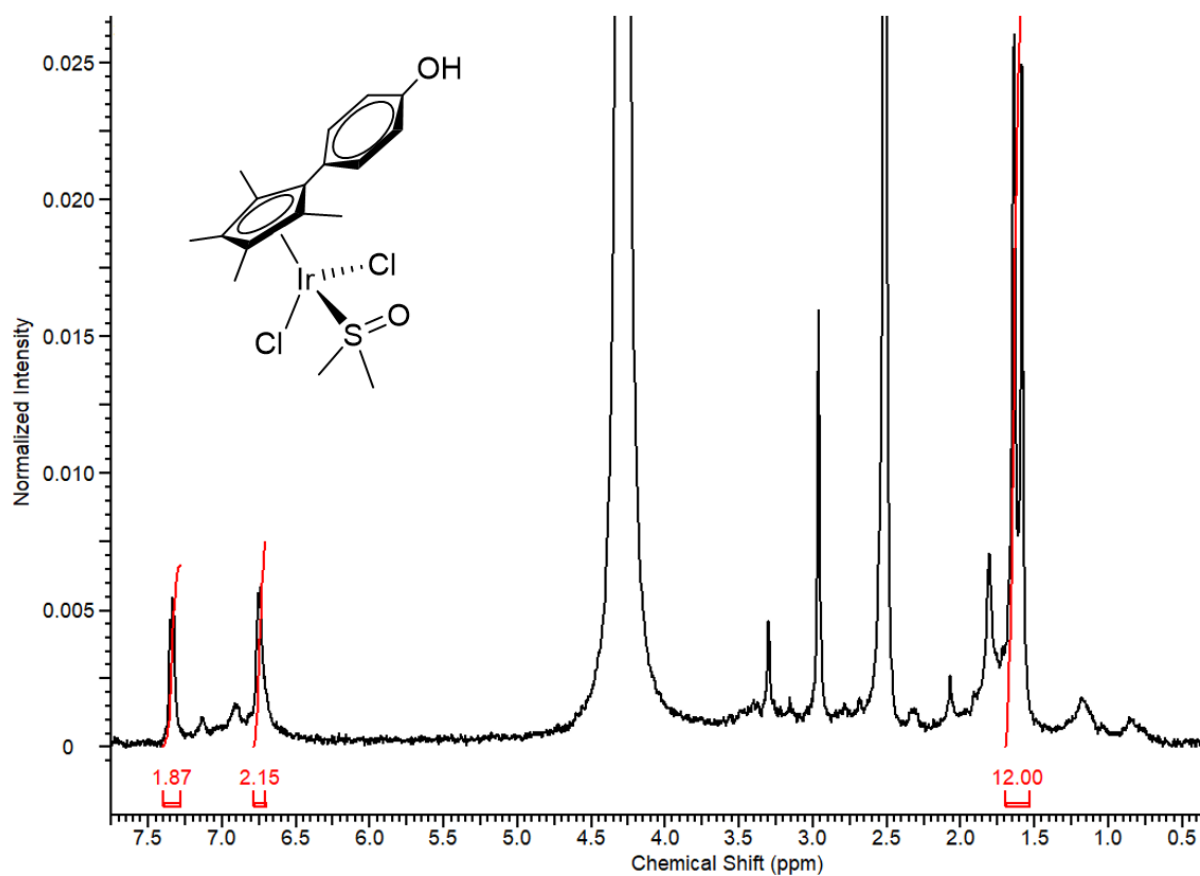


Figure S16. Effect of **1b,c-e** on viability of A2780 cells (left panel – MTT assay, right panel – CV assay; * $p < 0.05$ refers to untreated culture).

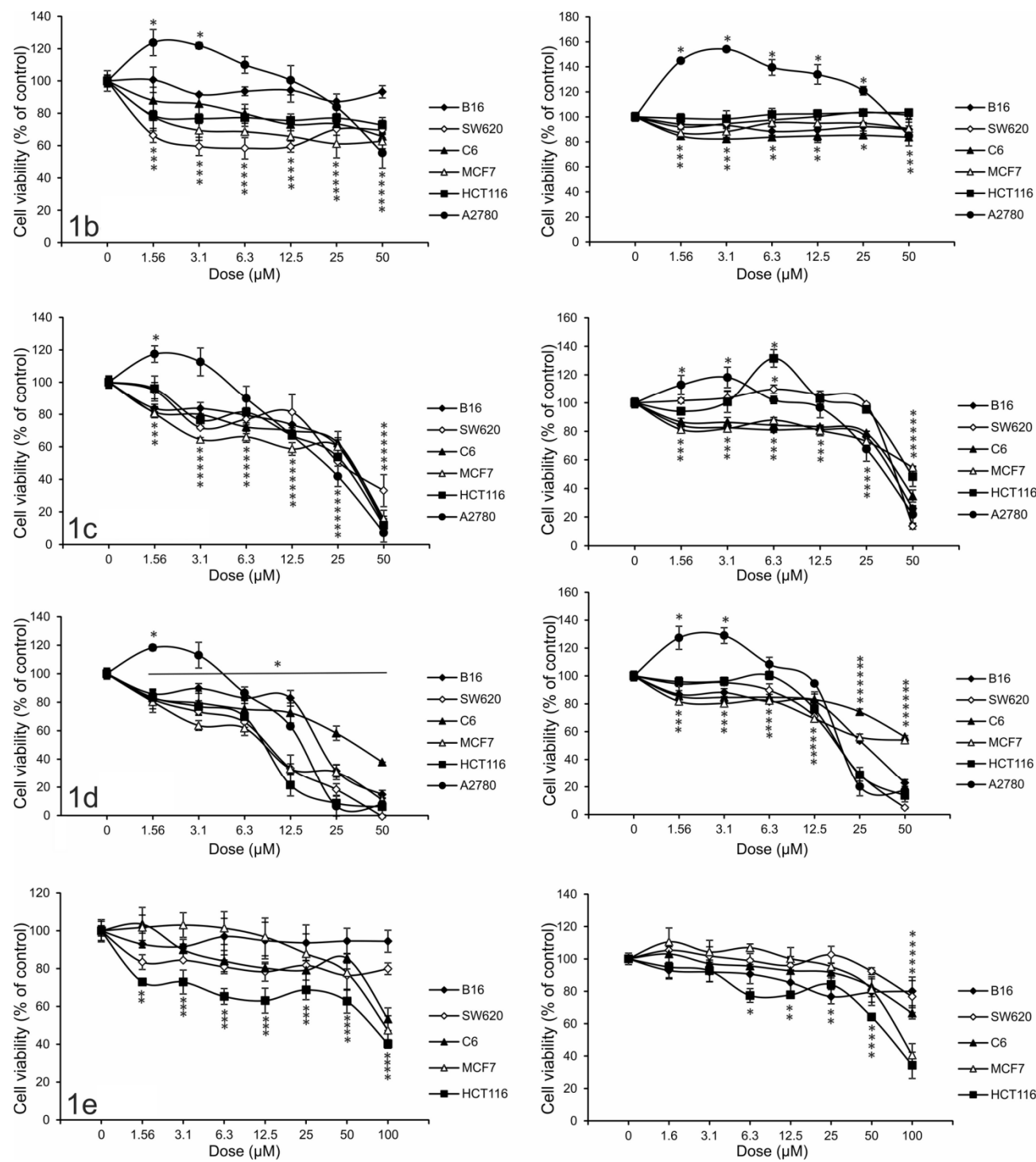


Figure S17. Effect of **2a-d** and **3** on viability of A2780 cells (left panel – MTT assay, right panel – CV assay; * $p < 0.05$ refers to untreated cultures).

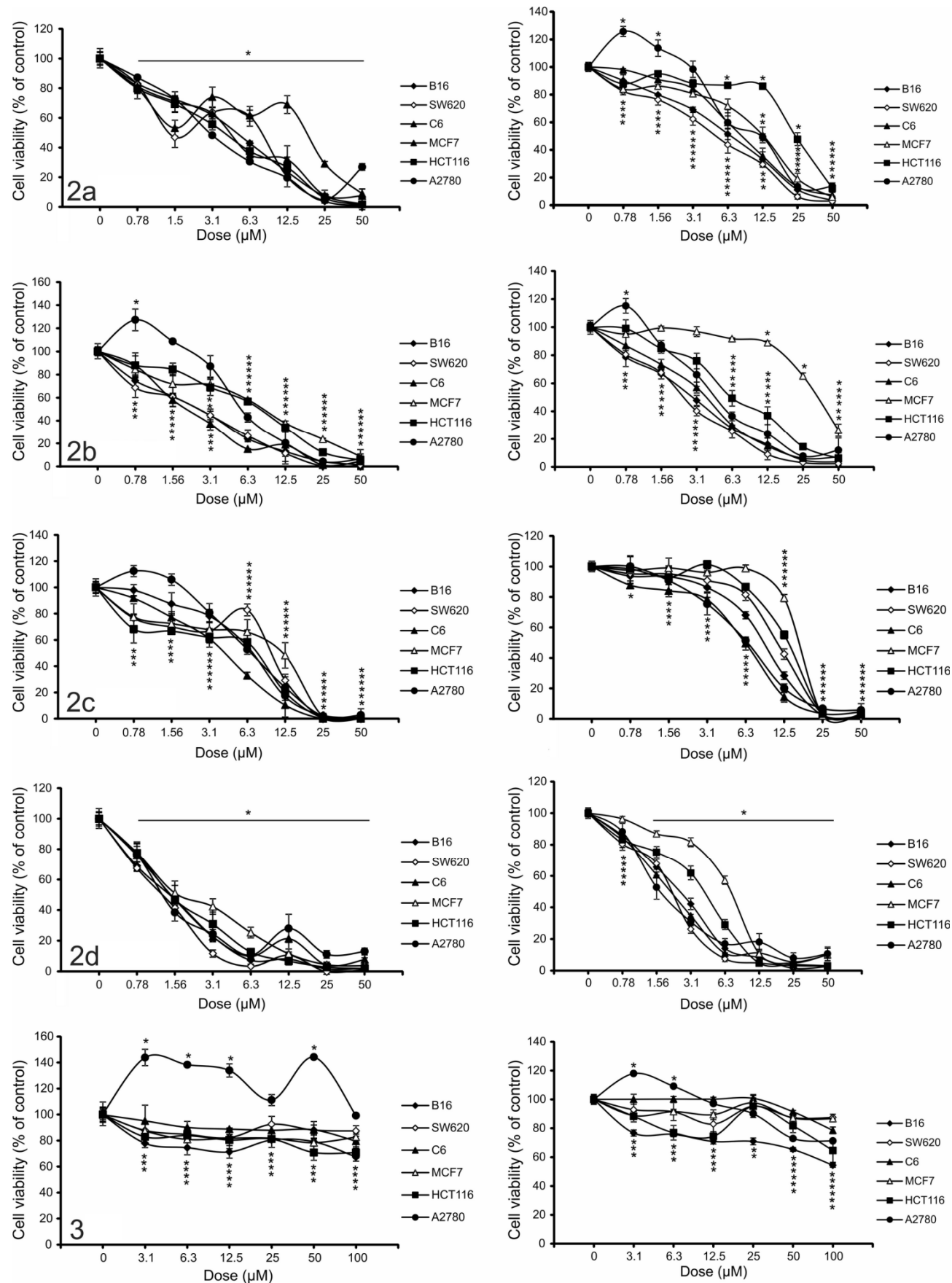


Figure S18. Effect of **2b** and **2d** on viability of macrophages (CV assay; * p < 0.05 refers to untreated culture).

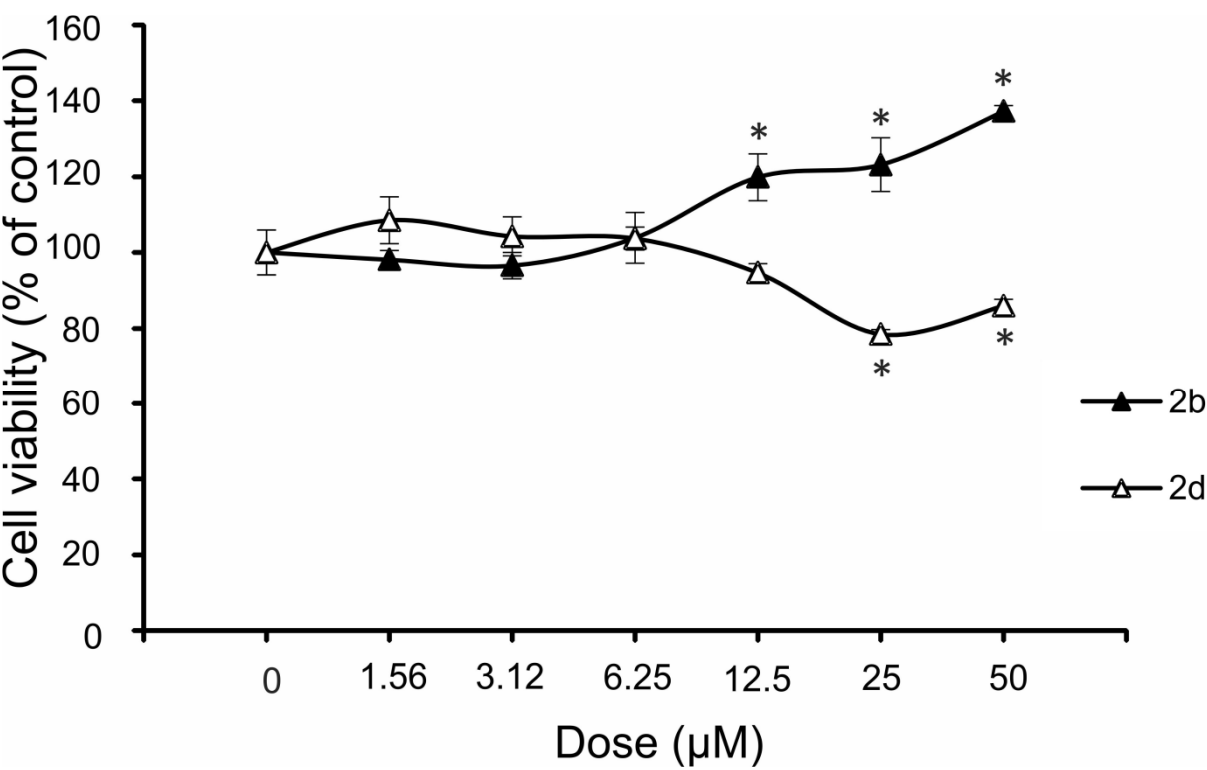


Figure S19. Autophagosomes presence (AO assay) in A2780 cells treated with **2b** and **2d**.

