pharmaceutics

MDPI

Suplementary Materials: Dual Emissive Ir(III) Complexes for Photodynamic Therapy and Bioimaging

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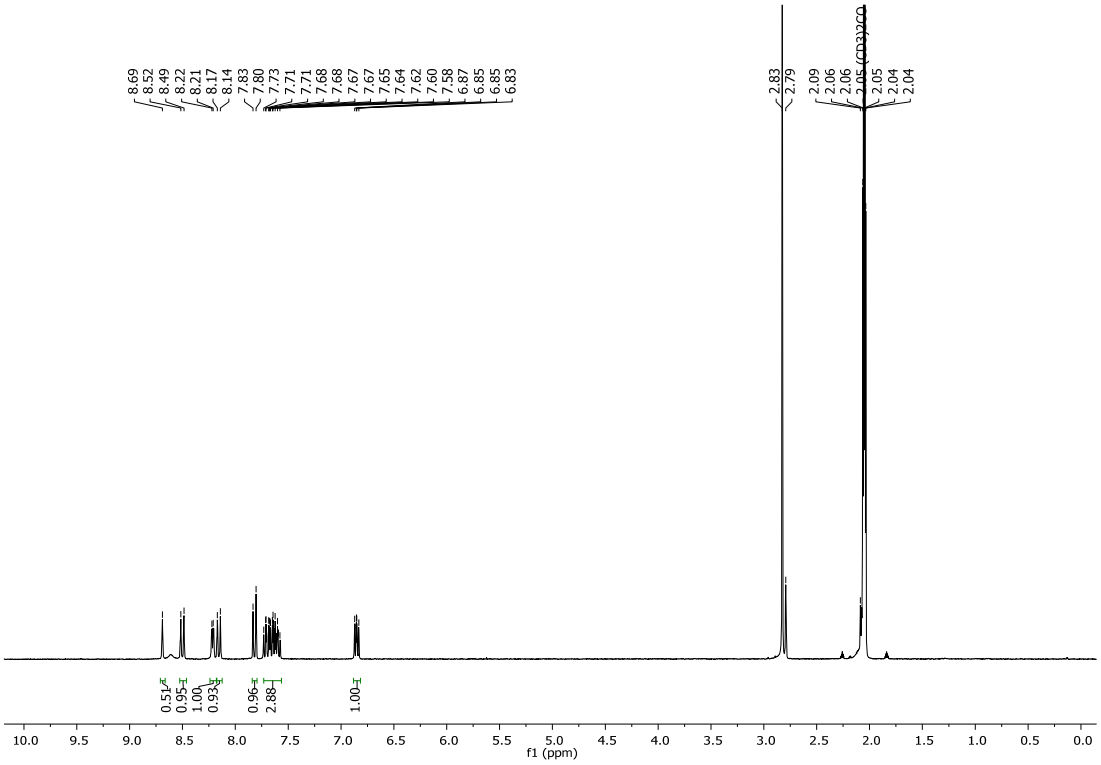


Figure S1. ^{1}H-NMR spectrum of compound **L1**.

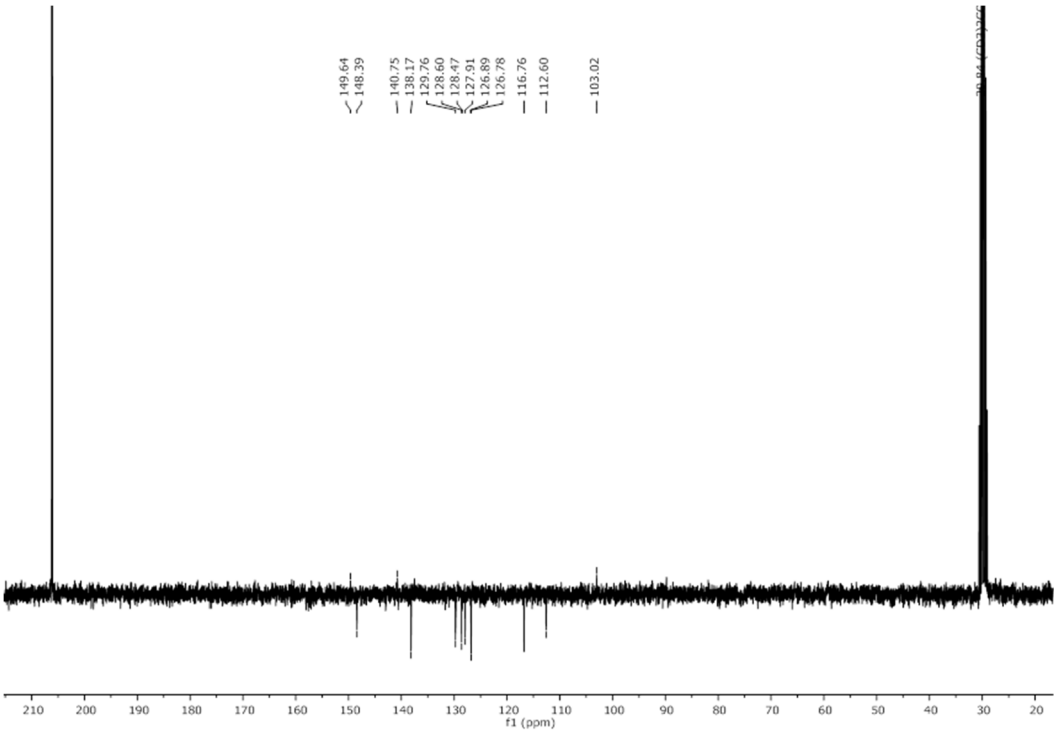


Figure S2. APT-NMR spectrum of compound **L1**.

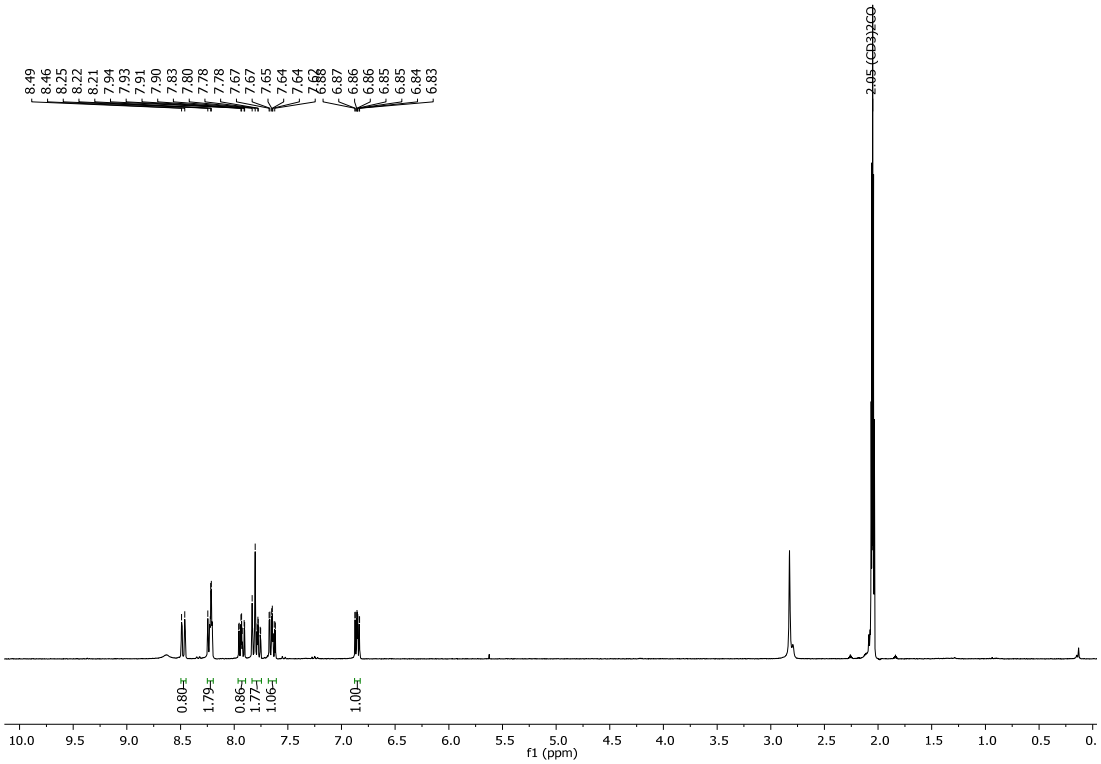


Figure S3. ^{1}H-NMR spectrum of compound **L2**.

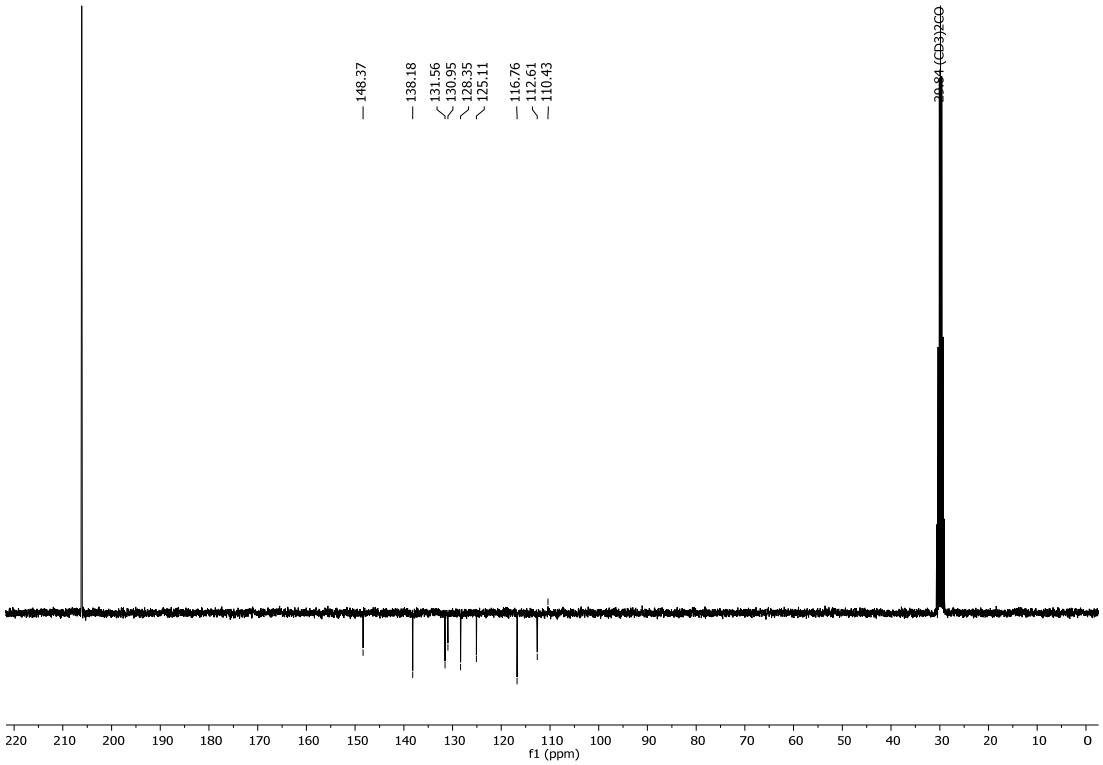


Figure S4. APT-NMR spectrum of compound **L2.**

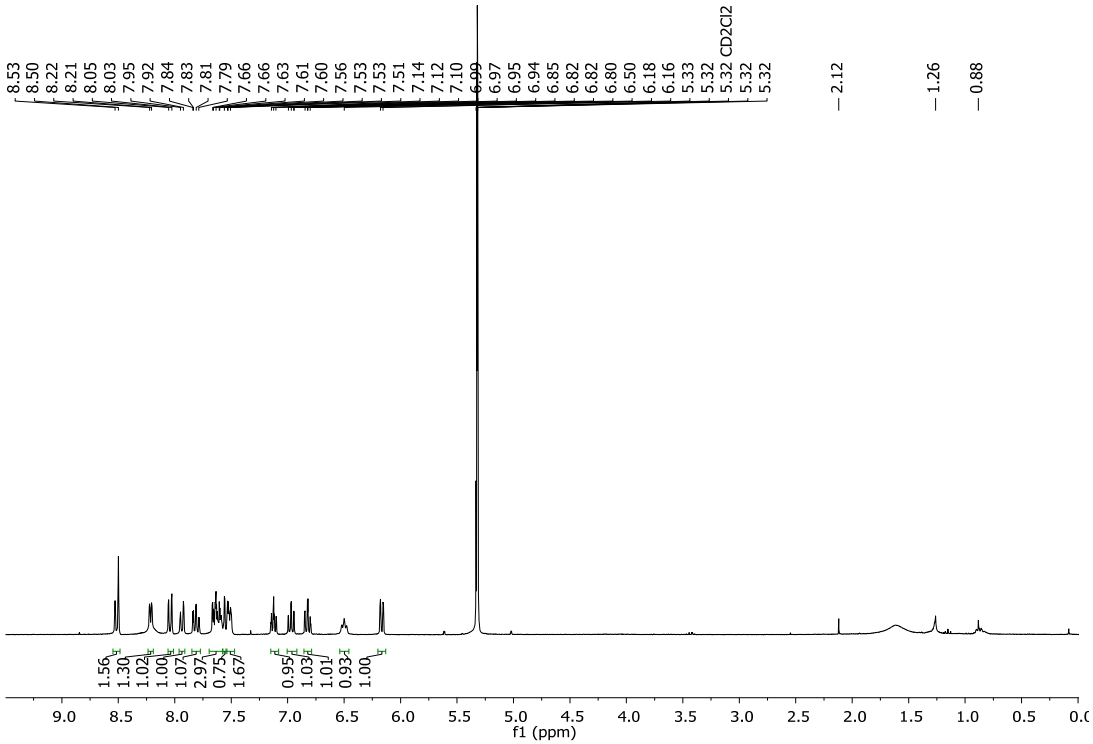


Figure S5. ^{1}H-NMR spectrum of complex **1**.

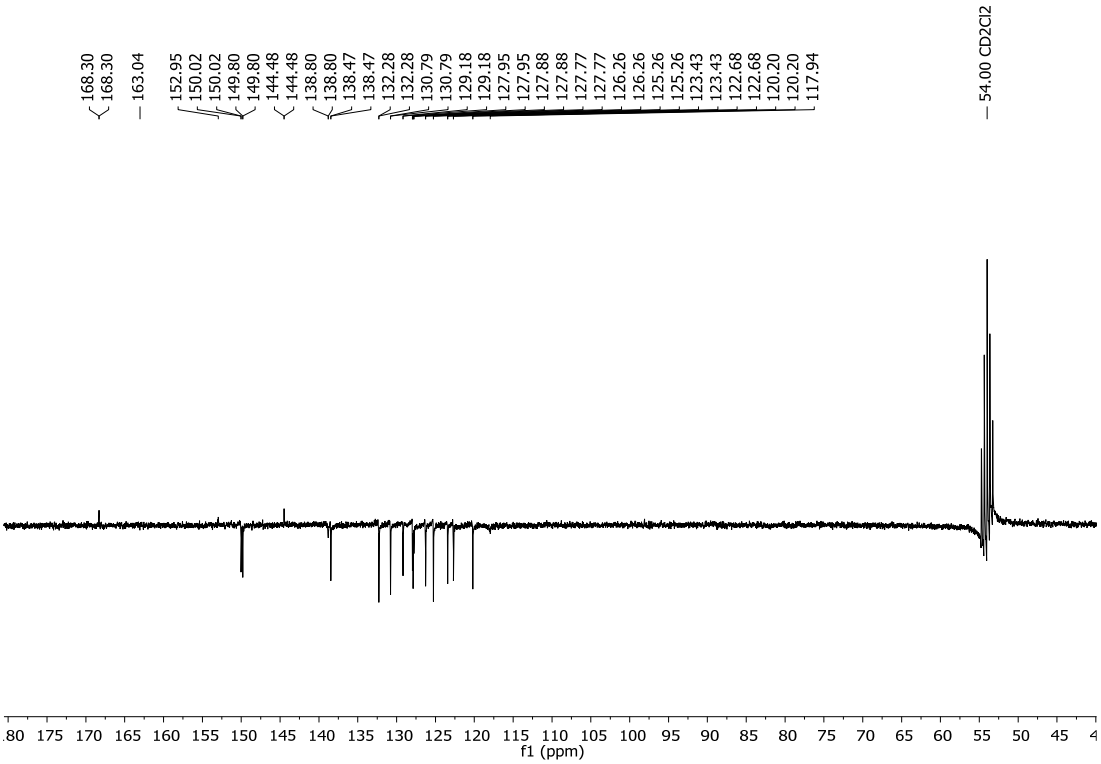


Figure S6. APT-NMR spectrum of complex **1.**

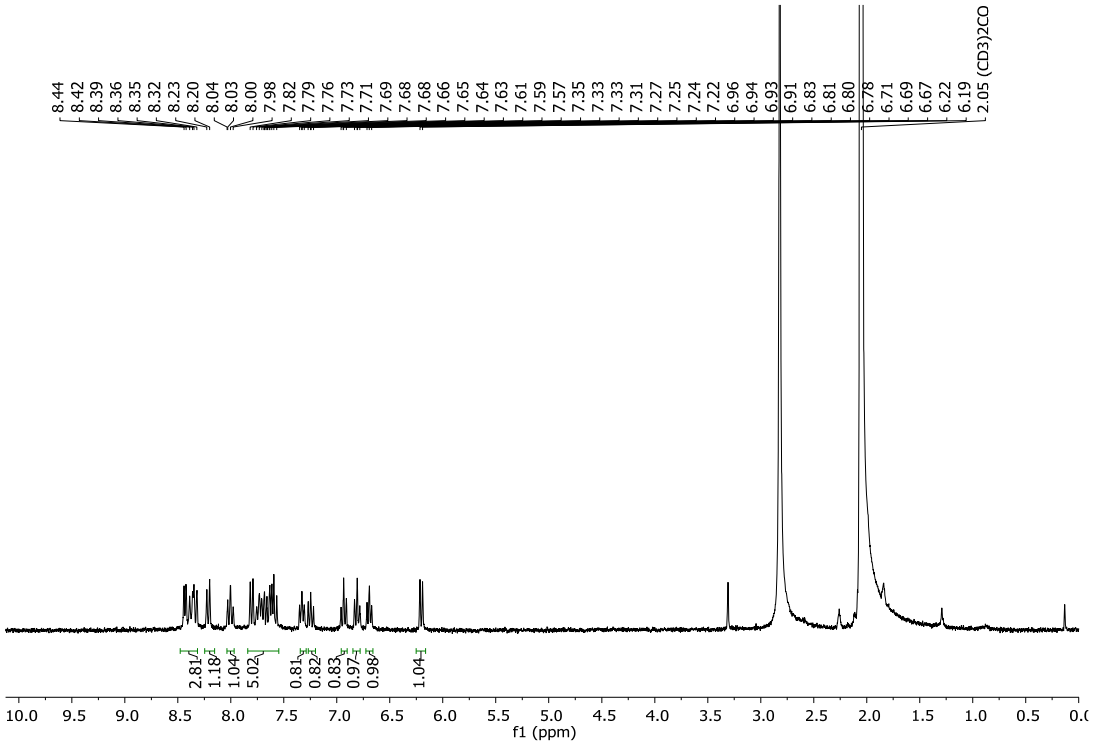


Figure S7. [1]H-NMR spectrum of complex **2**.

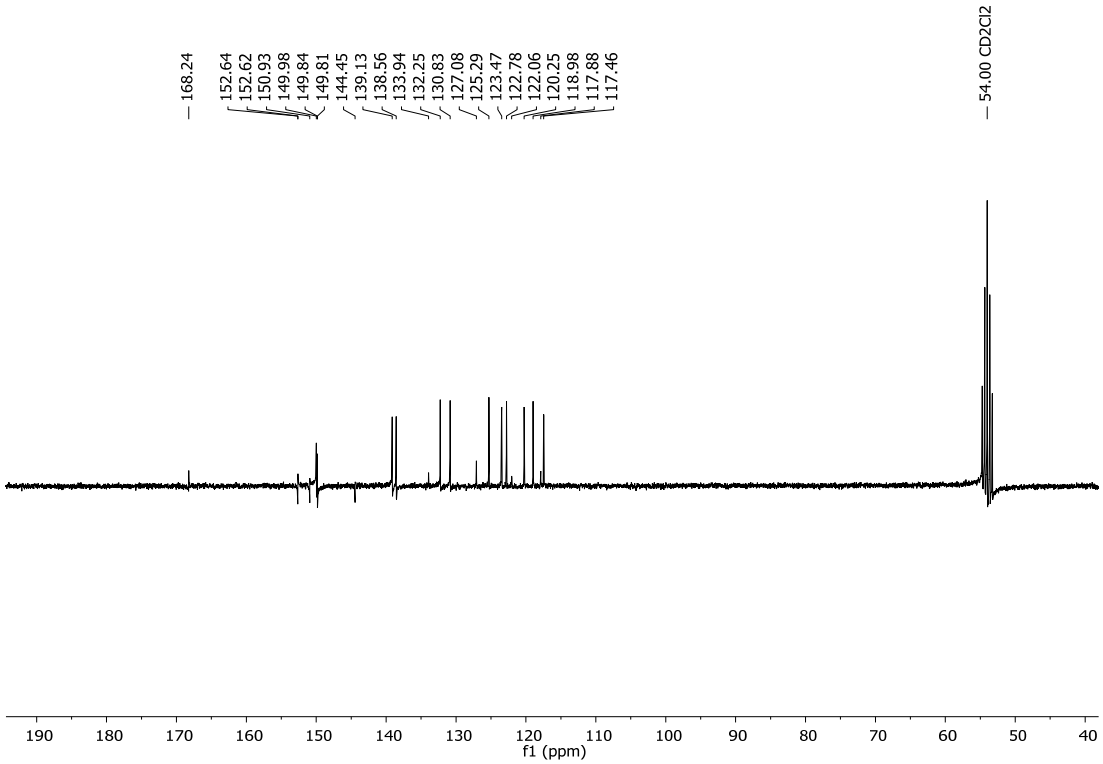


Figure S8. APT-NMR spectrum of complex **2**.

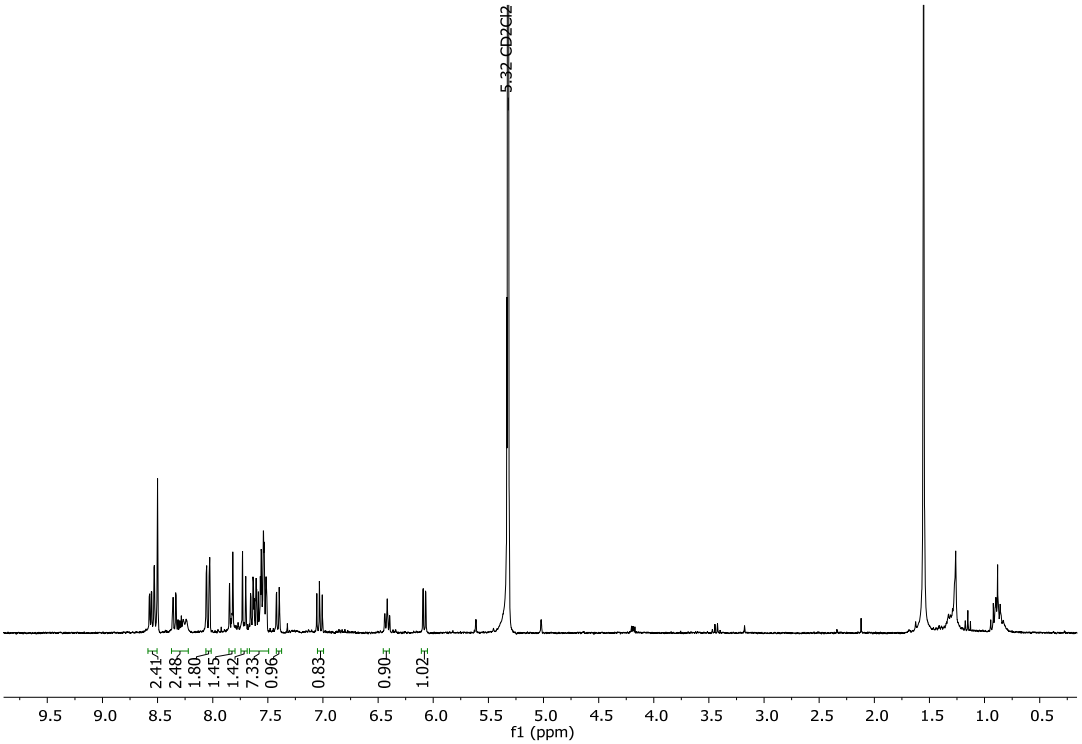


Figure S9. [1]H-NMR spectrum of complex **3**.

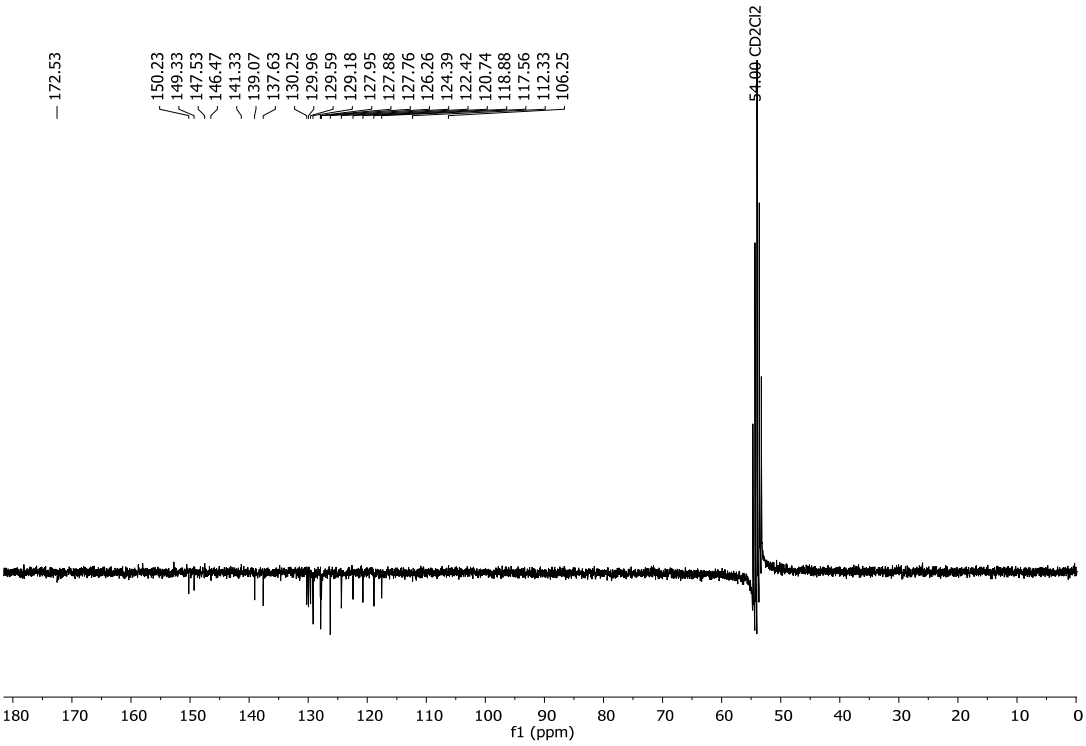


Figure S10. APT-NMR spectrum of complex **3**.

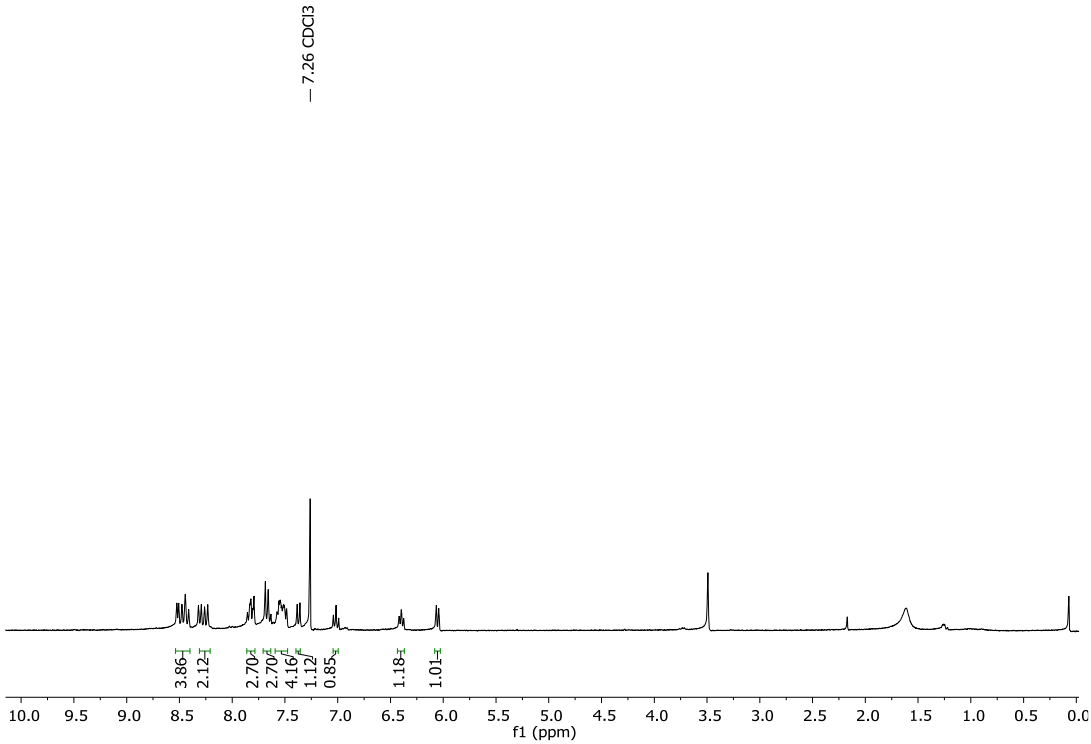


Figure S11. ^{1}H-NMR spectrum of complex **4**.

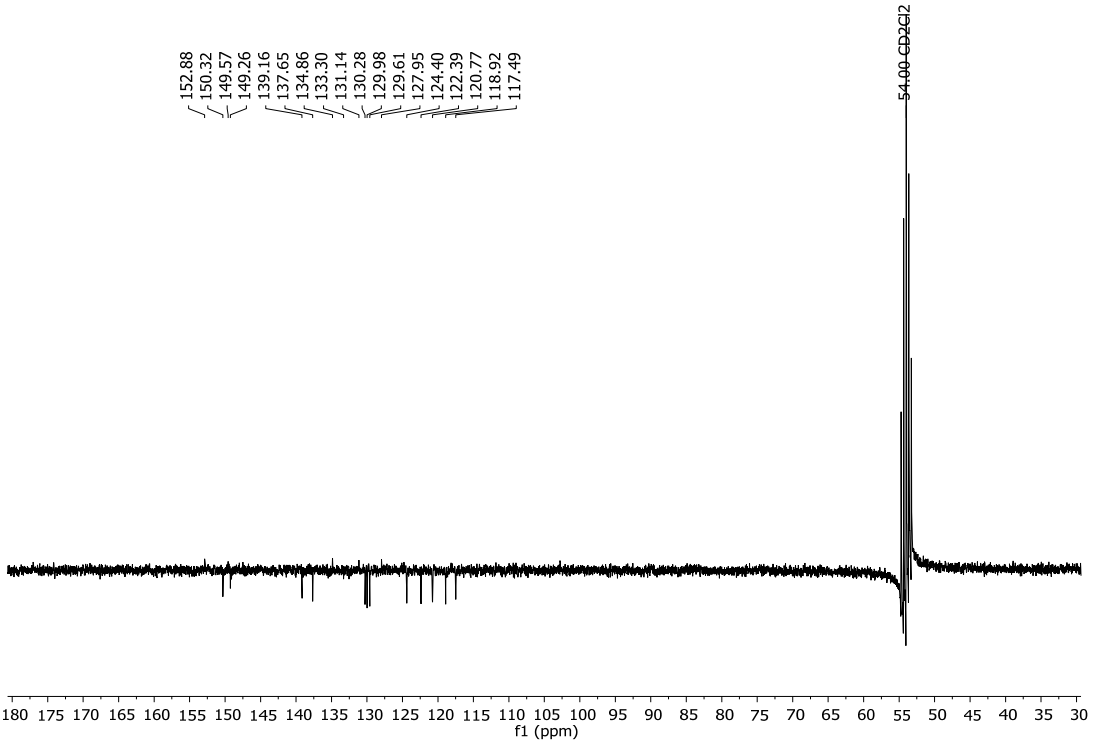


Figure S12. APT-NMR spectrum of complex **4**.

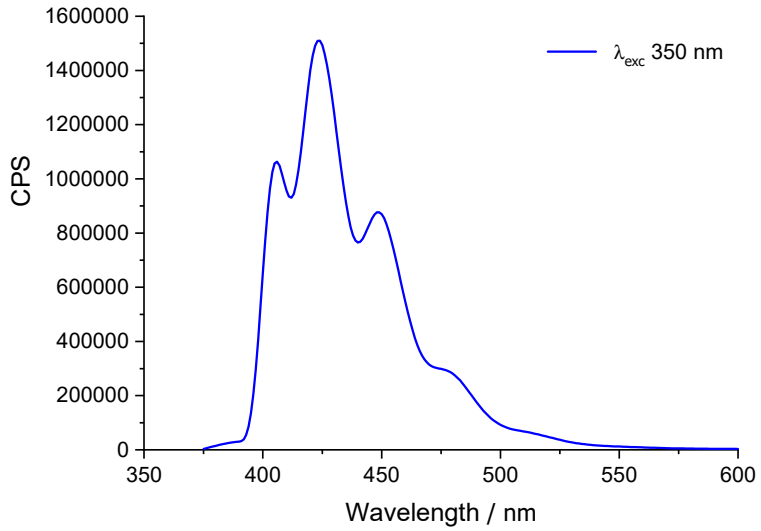


Figure S13. Emission-spectra of **L1** measured in DMSO solution.

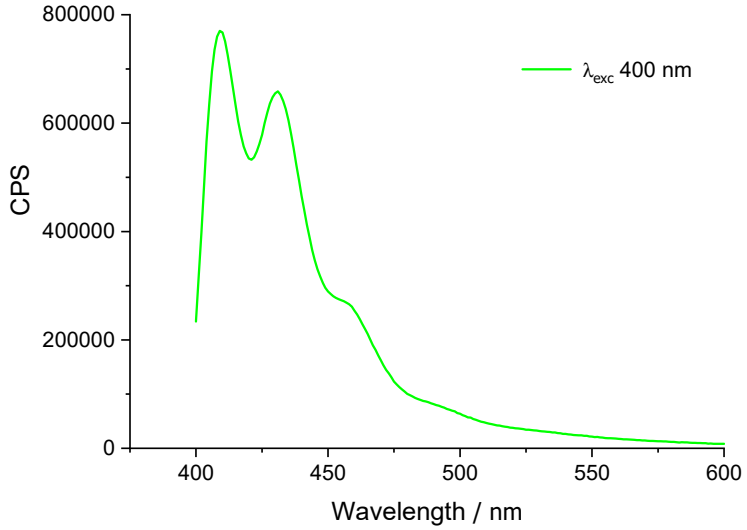


Figure S14. Emission-spectra of **L2** measured in DMSO solution.

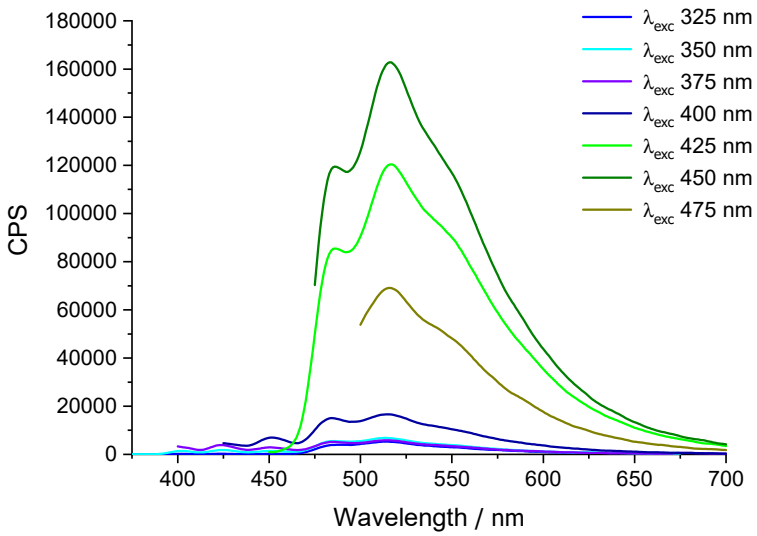


Figure S15. Emission-spectra of **1** measured in DMSO solution.

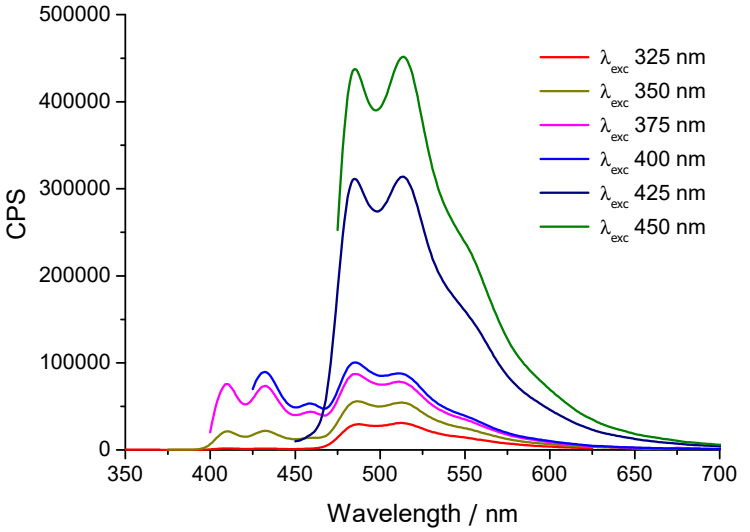


Figure S16. Emission-spectra of **2** measured in DMSO solution.

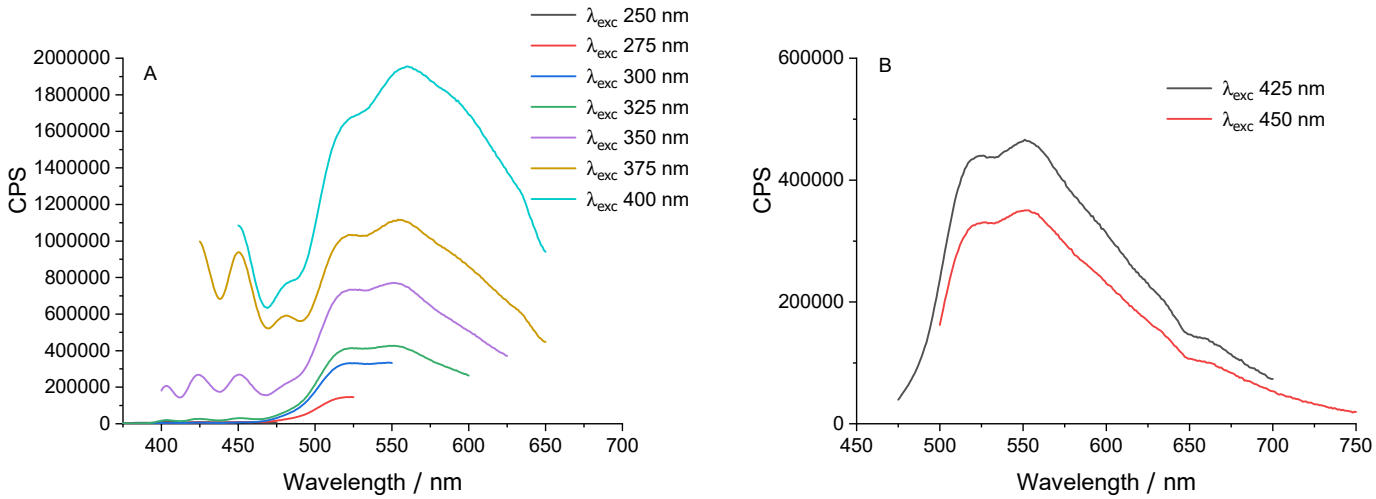


Figure S17. Emission-spectra of **3** measured in DMSO solution. A) Slit: 5nm, B) Slit: 3nm.

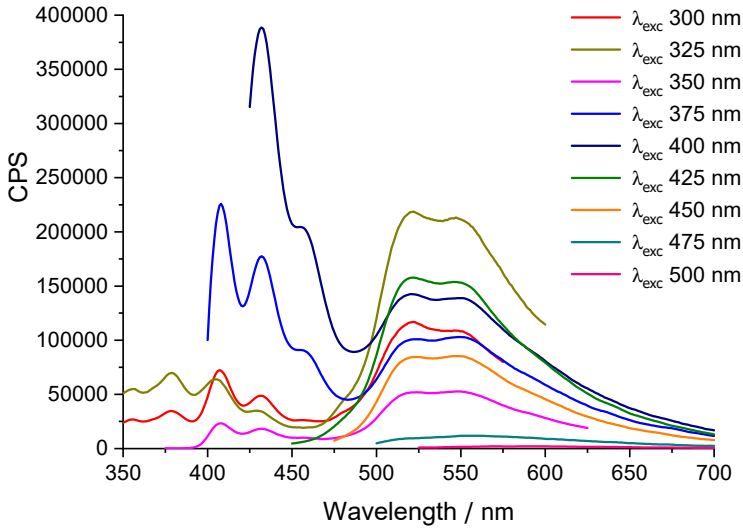


Figure S18. Emission-spectra of **4** measured in DMSO solution.

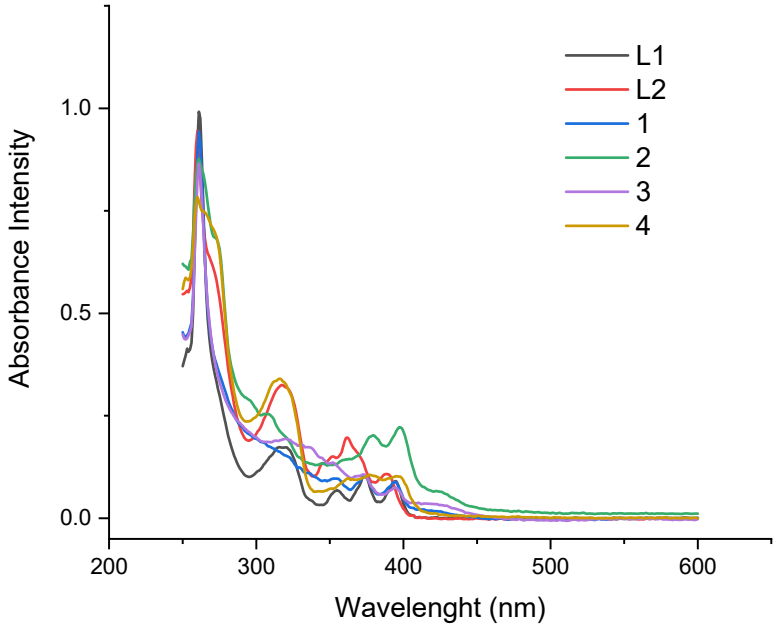


Figure S19. Absorption spectra in DMSO solution. **L1** and **L2** at $2 \cdot 10^{-5}$M and complexes **1-4** at 10^{-5}M.

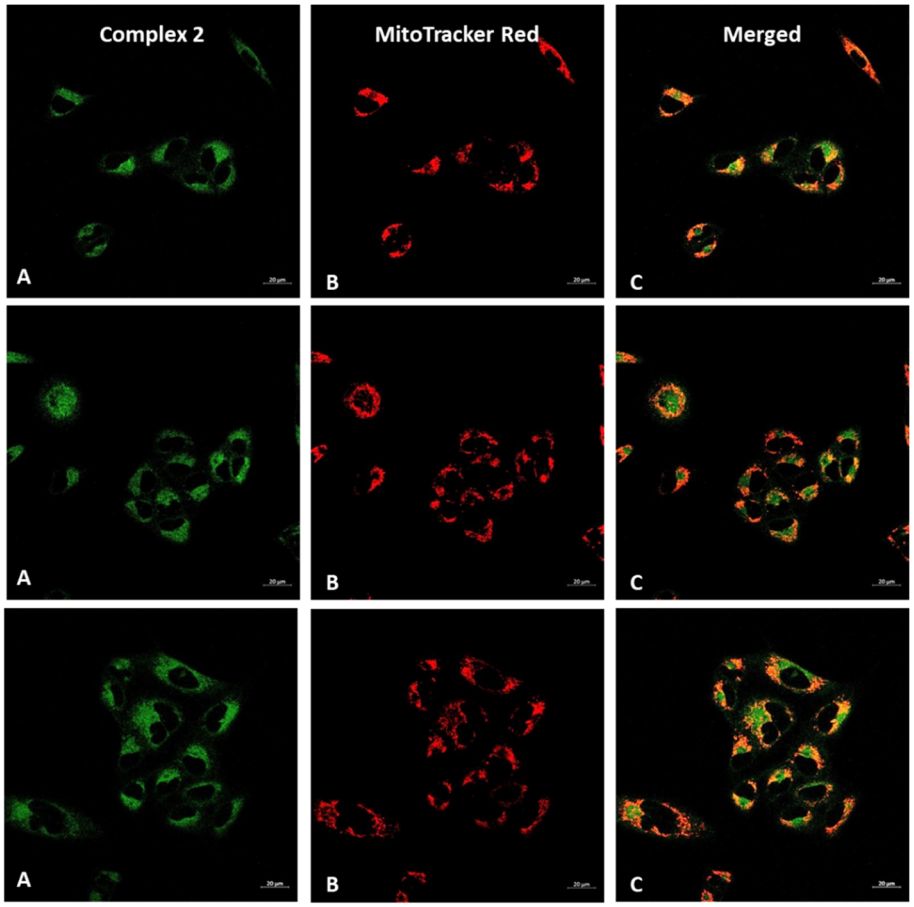


Figure S20. Fluorescence confocal microscopy images of A549 cells incubated with **2** (2h) and stained with MTR. (A) Image after irradiation at 458 nm; (B) after irradiation at 588 nm; (C) superimposition picture of A, B; Green: complex **2**, Red: MTR.

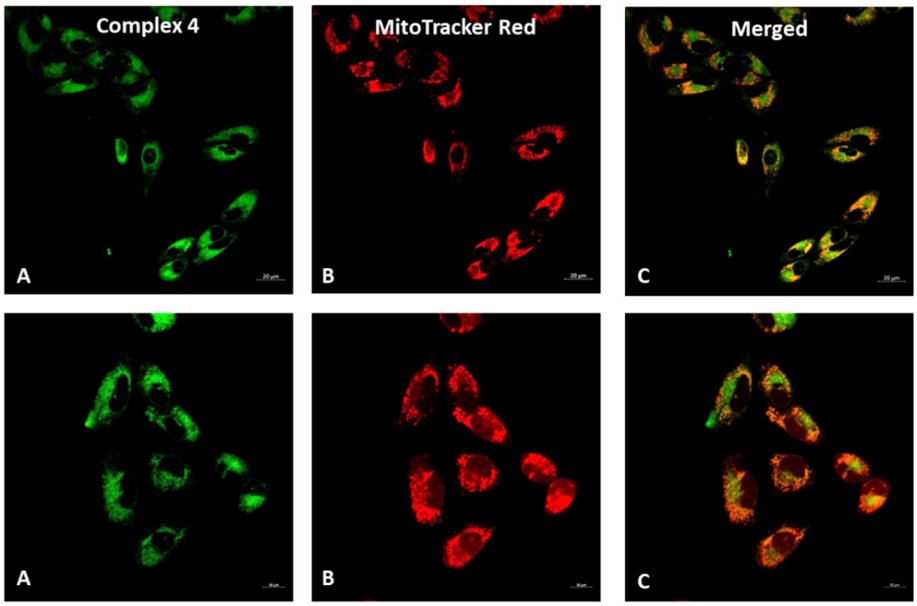


Figure S21. Fluorescence confocal microscopy images of A549 cells incubated with **3** (2h) and stained with MTR. (A) Image after irradiation at 458 nm; (B) after irradiation at 588 nm; (C) superimposition picture of A, B; Green: complex **3**, Red: MTR.

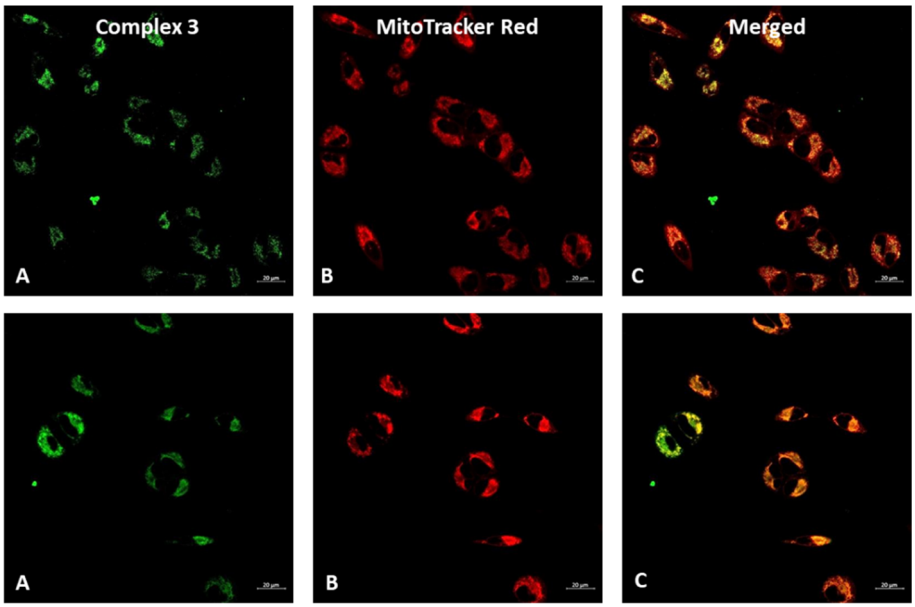


Figure S22. Fluorescence confocal microscopy images of A549 cells incubated with **4** (2h) and stained with MTR. (A) Image after irradiation at 458 nm; (B) after irradiation at 588 nm; (C) superimposition picture of A, B; Green: complex **4**, Red: MTR.