Supplementary material on:

Synthesis and evaluation of antioxidant properties of 2-substituted quinazolin-4(*3H*)-ones

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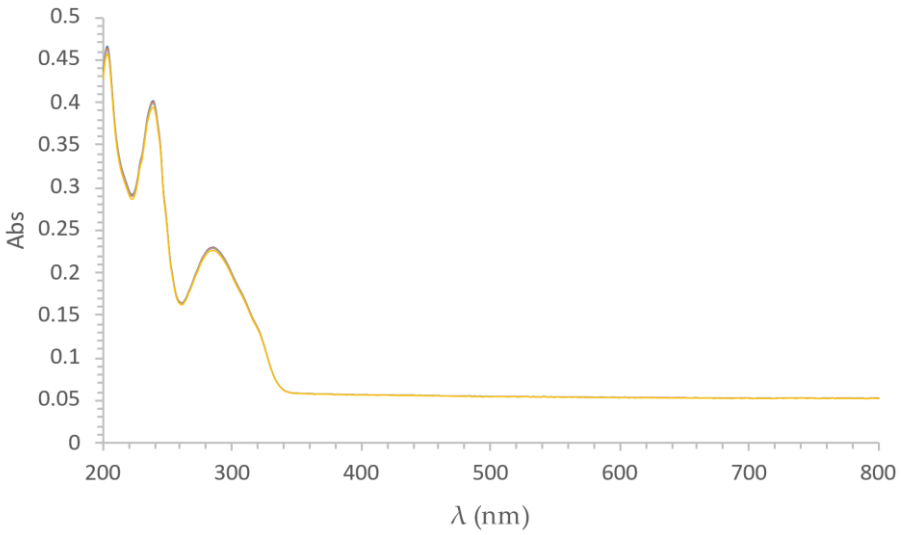

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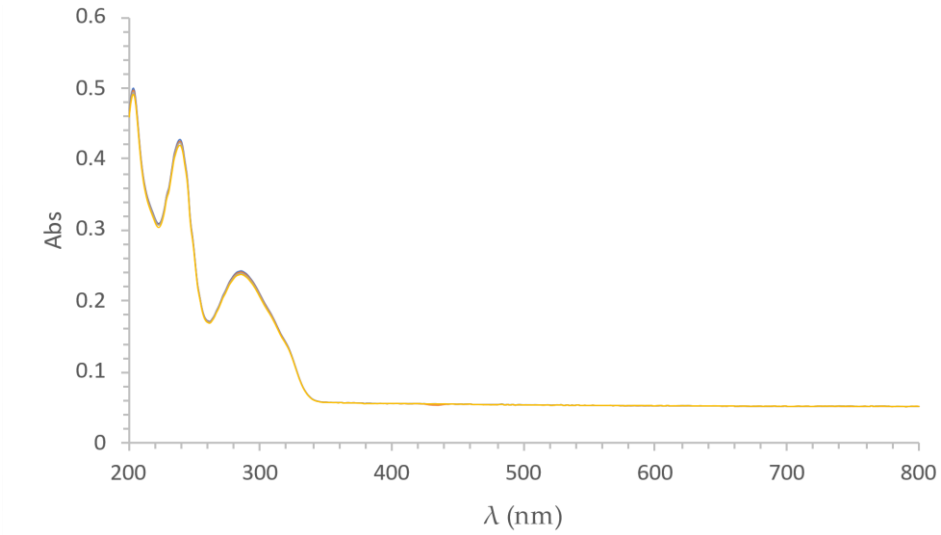
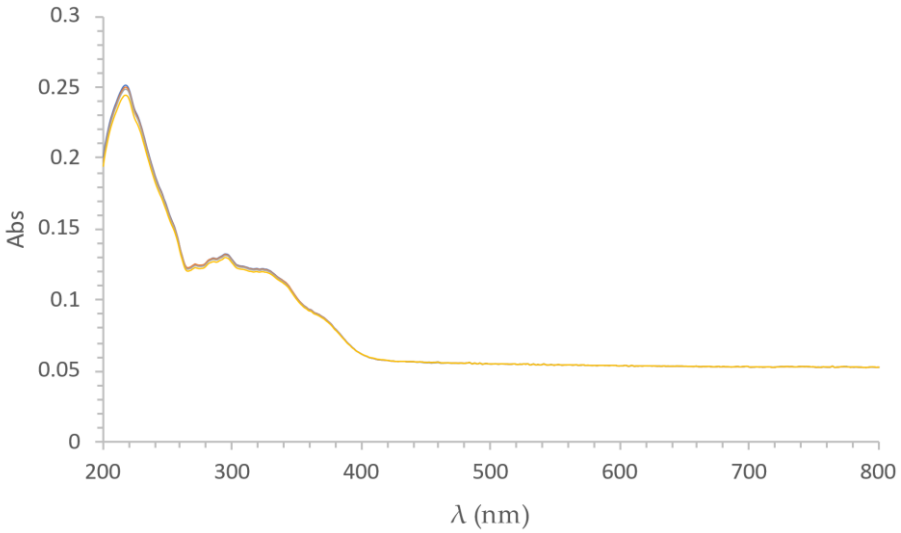


Figure S1. Spectrophotometric titration of 10 μM **21a** with Cu^{2+} (a) and Fe^{2+} (b) (0 (blue), 5 (orange), 10 (gray), 20 (ocher) μM) in 20 mM KPB buffer, pH 7.2, 25 °C).

(a)



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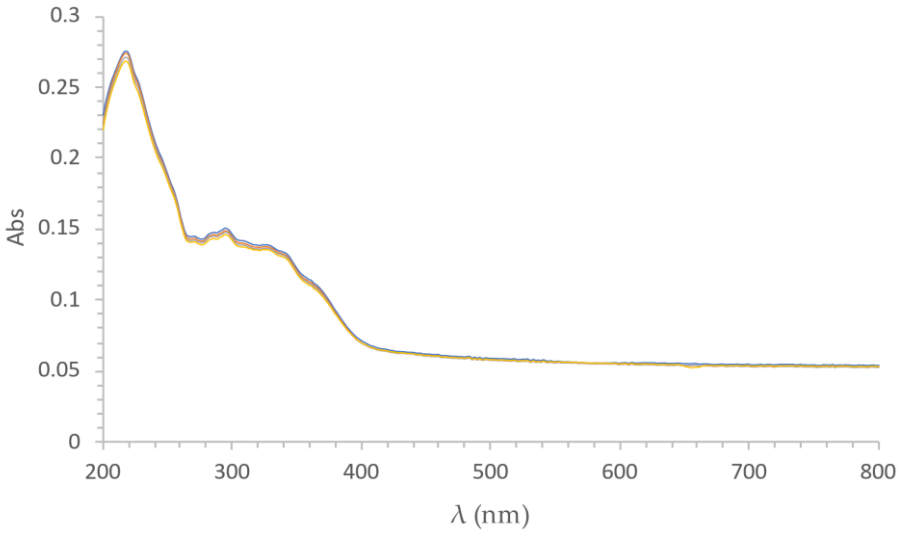
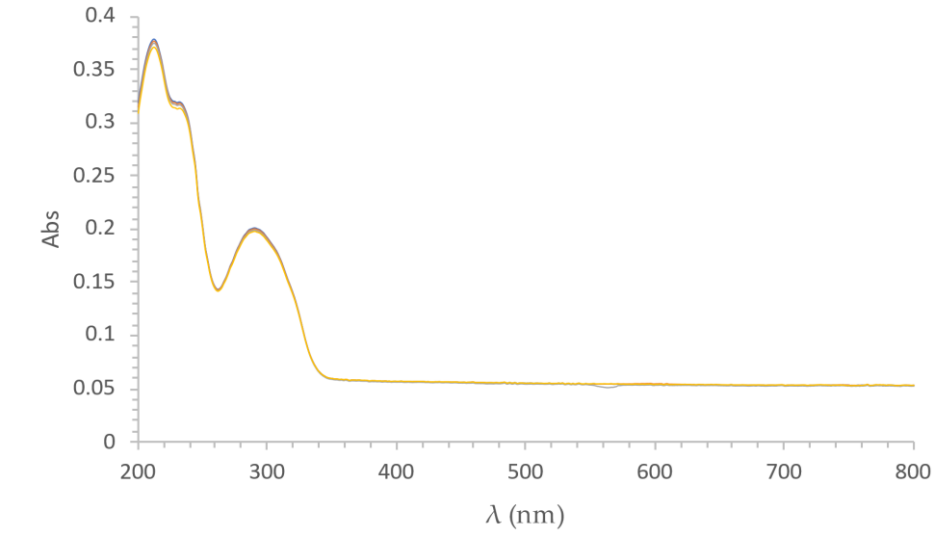


Figure S2. Spectrophotometric titration of 10 μM **21b** with Cu^{2+} (a) and Fe^{2+} (b) (0 (blue), 5 (orange), 10 (gray), 20 (ocher) μM) in 20 mM KPB buffer, pH 7.2, 25 °C).

(a)



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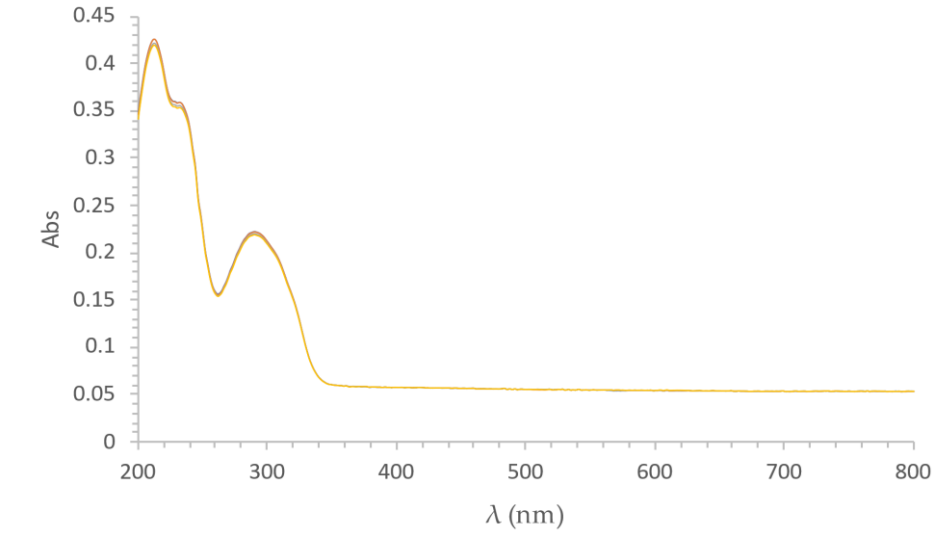
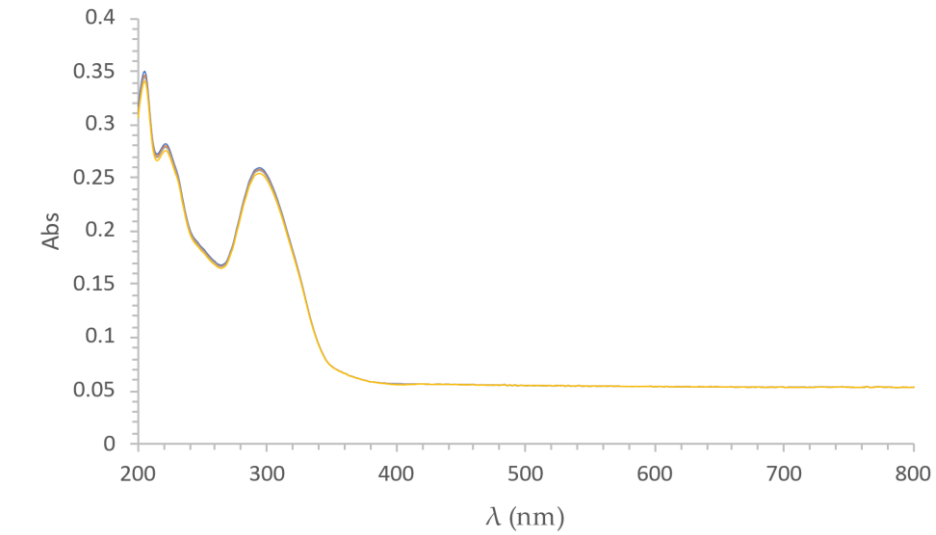


Figure S3. Spectrophotometric titration of 10 μM **21c** with Cu^{2+} (a) and Fe^{2+} (b) (0 (blue), 5 (orange), 10 (gray), 20 (ocher) μM) in 20 mM KPB buffer, pH 7.2, 25 °C).

(a)



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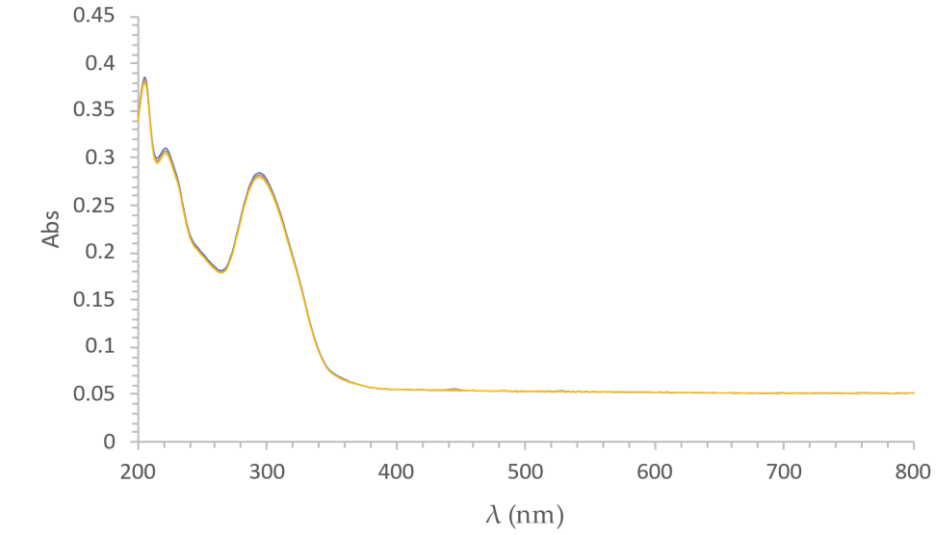
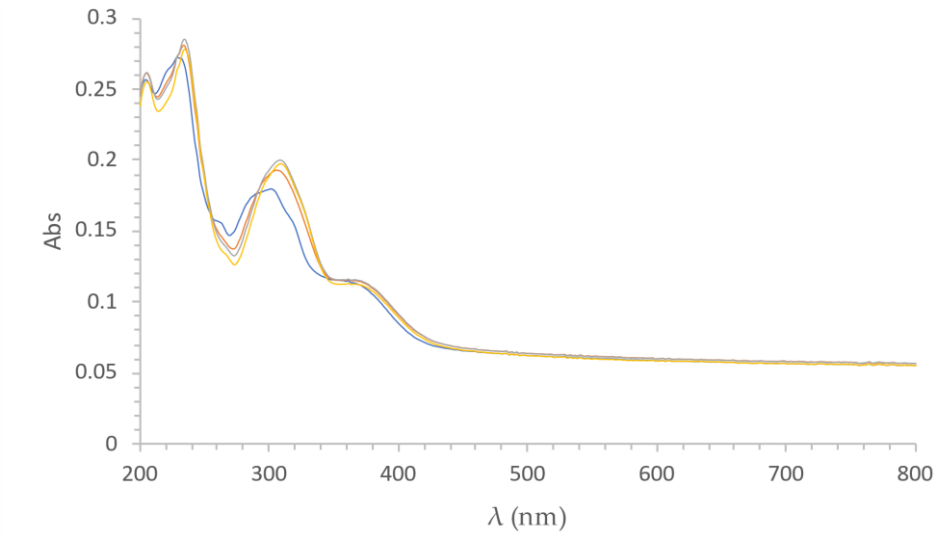


Figure S4. Spectrophotometric titration of 10 μM **21d** with Cu^{2+} (a) and Fe^{2+} (b) (0 (blue), 5 (orange), 10 (gray), 20 (ocher) μM) in 20 mM KPB buffer, pH 7.2, 25 °C).

(a)



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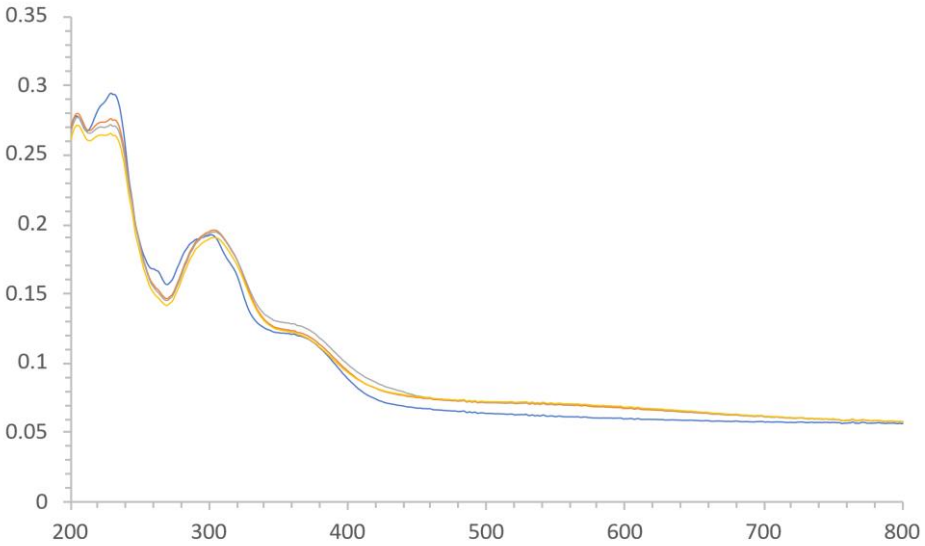
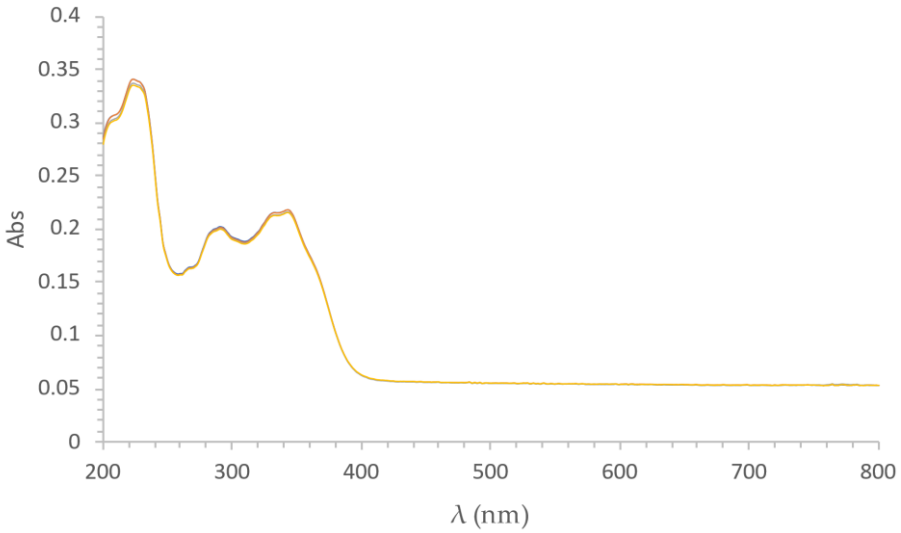


Figure S5. Spectrophotometric titration of 10 μM **21e** with Cu^{2+} (a) and Fe^{2+} (b) (0 (blue), 5 (orange), 10 (gray), 20 (ocher) μM) in 20 mM KPB buffer, pH 7.2, 25 °C).

(a)



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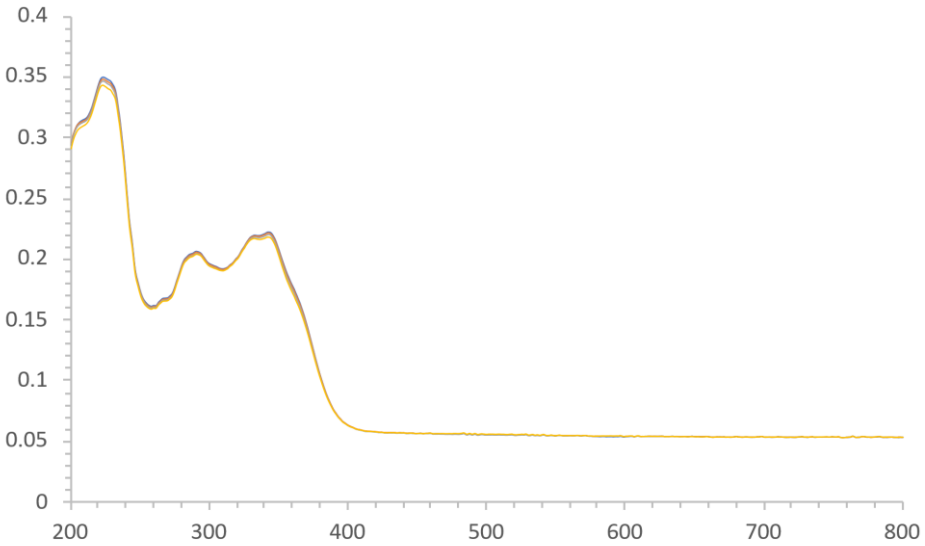
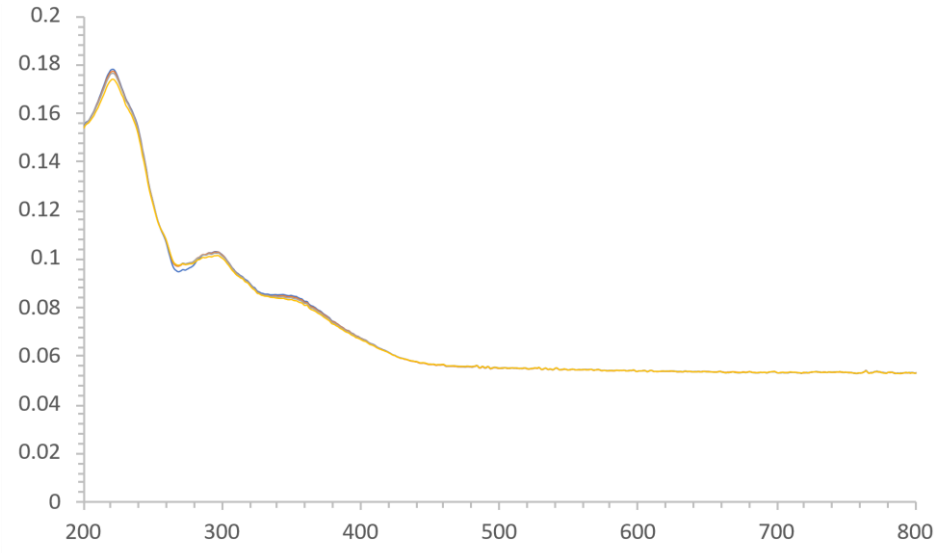


Figure S6. Spectrophotometric titration of 10 μM **21f** with Cu^{2+} (a) and Fe^{2+} (b) (0 (blue), 5 (orange), 10 (gray), 20 (ocher) μM) in 20 mM KPB buffer, pH 7.2, 25 °C).

(a)



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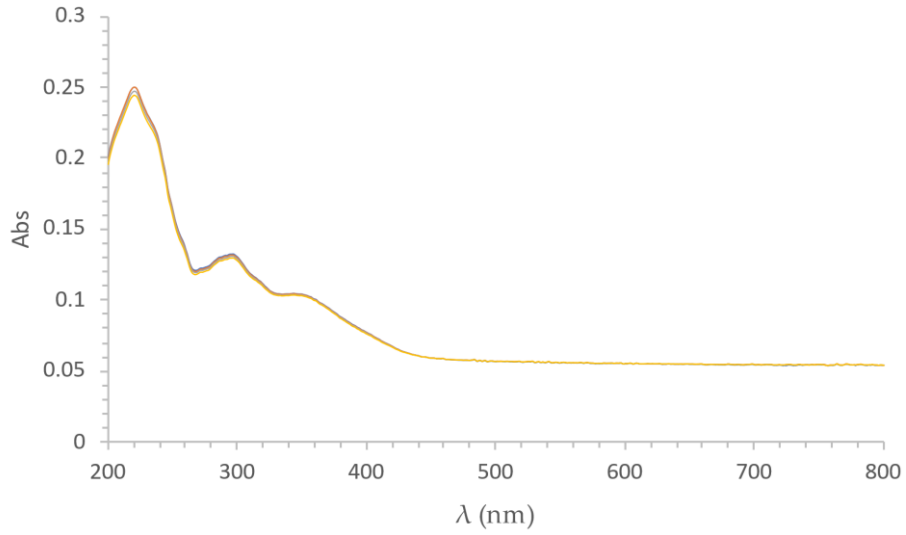
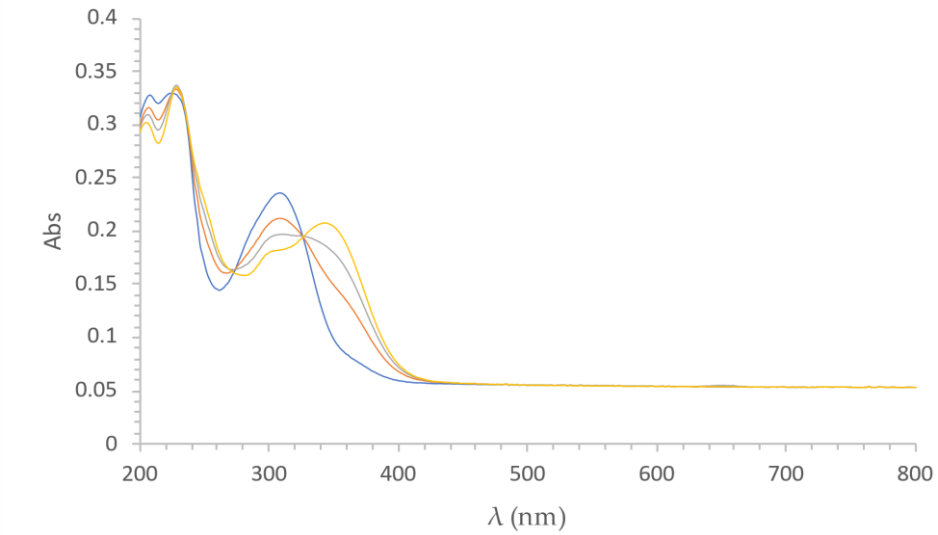


Figure S7. Spectrophotometric titration of 10 μM **21g** with Cu^{2+} (a) and Fe^{2+} (b) (0 (blue), 5 (orange), 10 (gray), 20 (ocher) μM) in 20 mM KPB buffer, pH 7.2, 25 °C).

(a)



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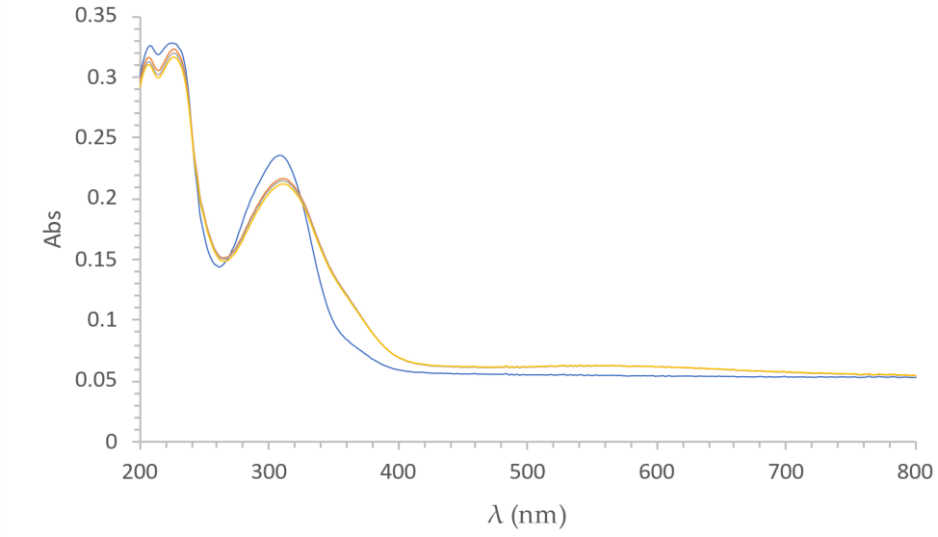
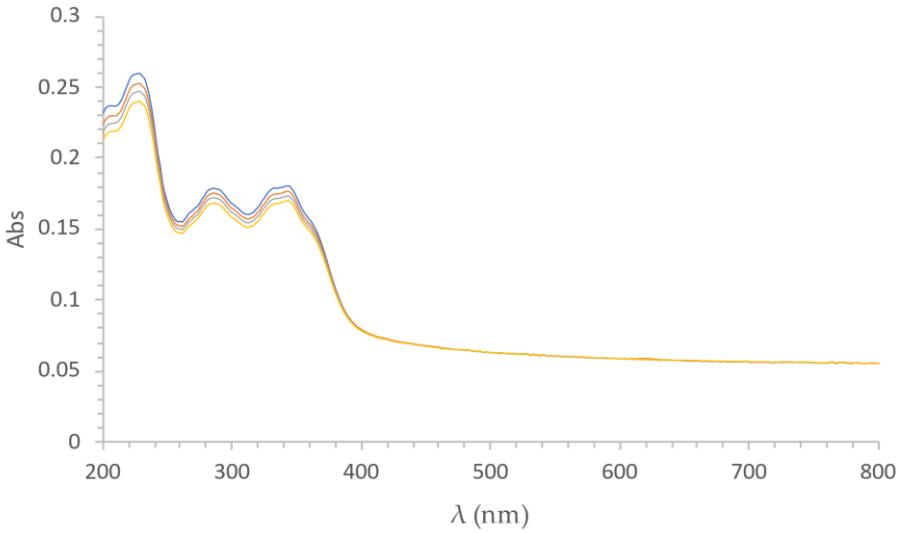


Figure S8. Spectrophotometric titration of 10 μM **21h** with Cu^{2+} (a) and Fe^{2+} (b) (0 (blue), 5 (orange), 10 (gray), 20 (ocher) μM) in 20 mM KPB buffer, pH 7.2, 25 °C).

(a)



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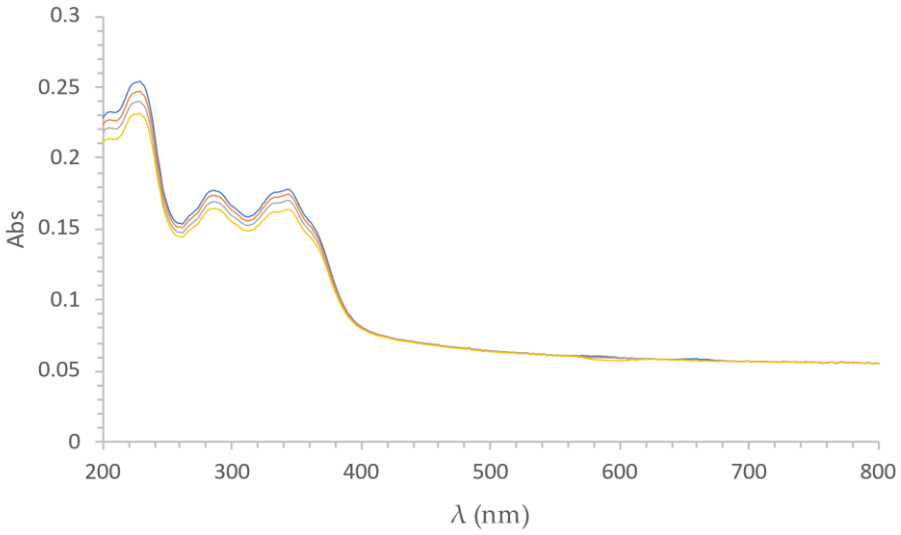
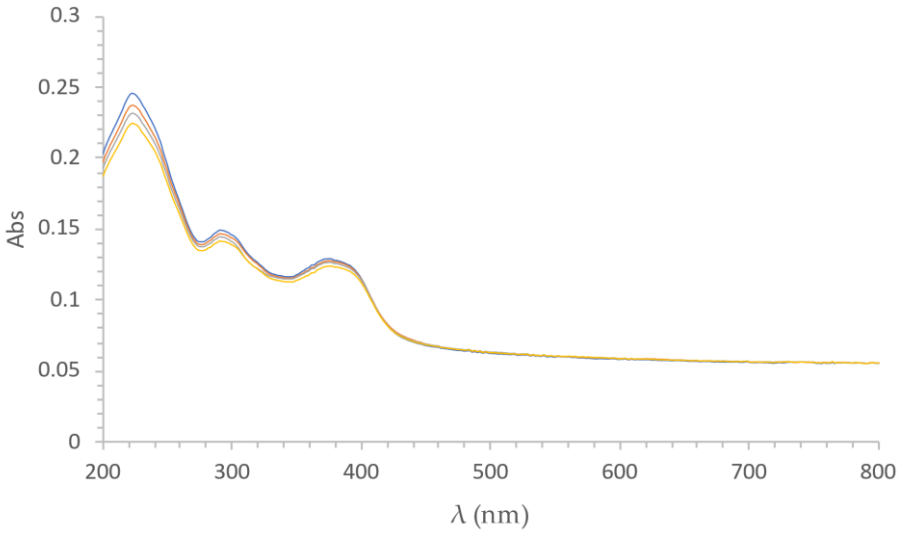


Figure S9. Spectrophotometric titration of 10 μM **21i** with Cu^{2+} (a) and Fe^{2+} (b) (0 (blue), 5 (orange), 10 (gray), 20 (ocher) μM) in 20 mM KPB buffer, pH 7.2, 25 °C).

(a)



(b)

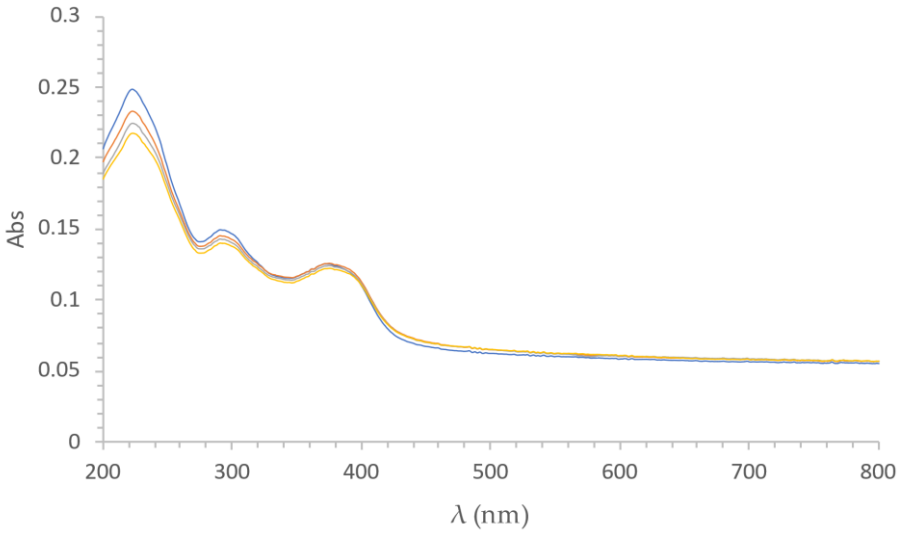
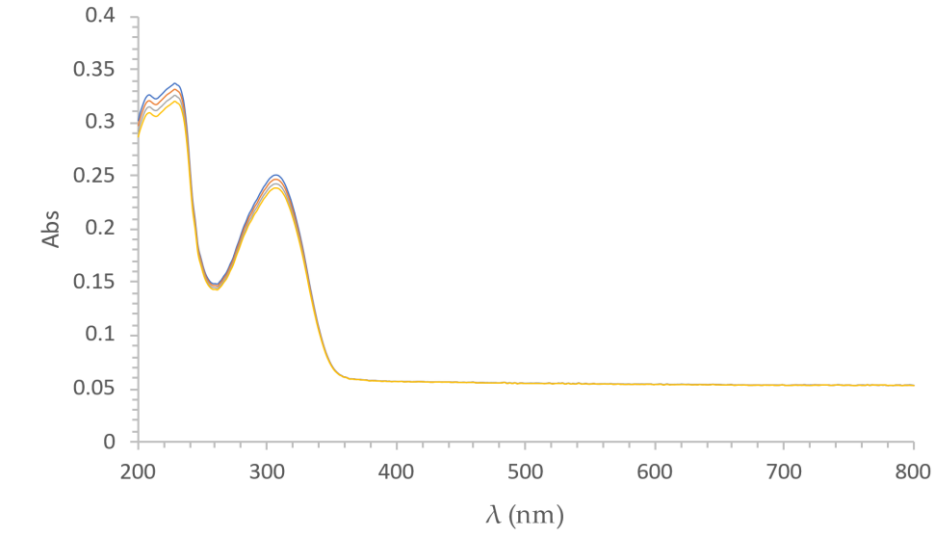


Figure S10. Spectrophotometric titration of 10 μM **21j** with Cu^{2+} (a) and Fe^{2+} (b) (0 (blue), 5 (orange), 10 (gray), 20 (ocher) μM) in 20 mM KPB buffer, pH 7.2, 25 °C).

(a)



(b)

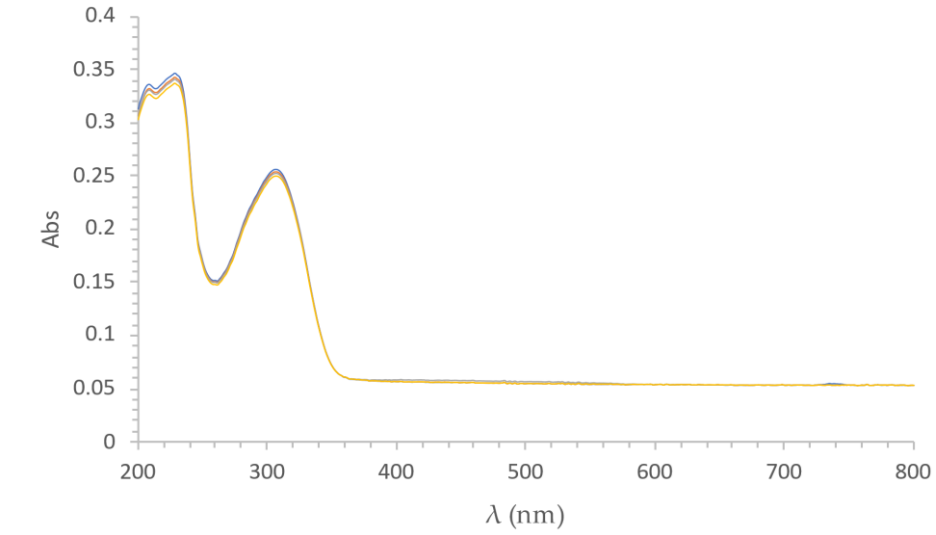
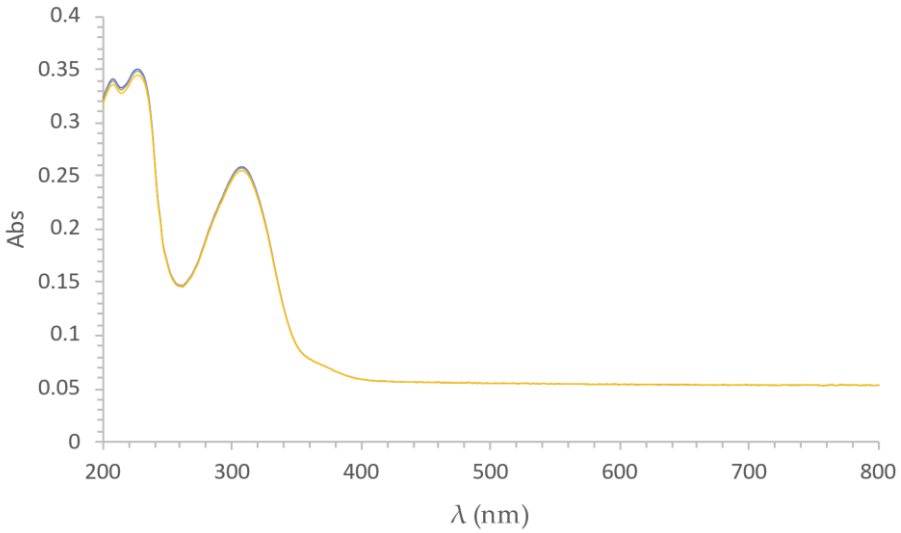


Figure S11. Spectrophotometric titration of 10 μM **21k** with Cu^{2+} (a) and Fe^{2+} (b) (0 (blue), 5 (orange), 10 (gray), 20 (ocher) μM) in 20 mM KPB buffer, pH 7.2, 25 °C).

(a)



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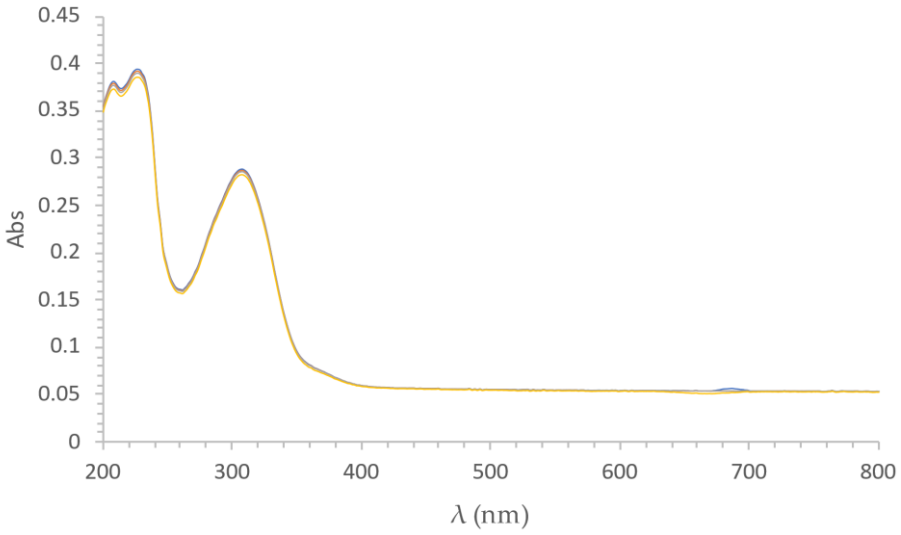
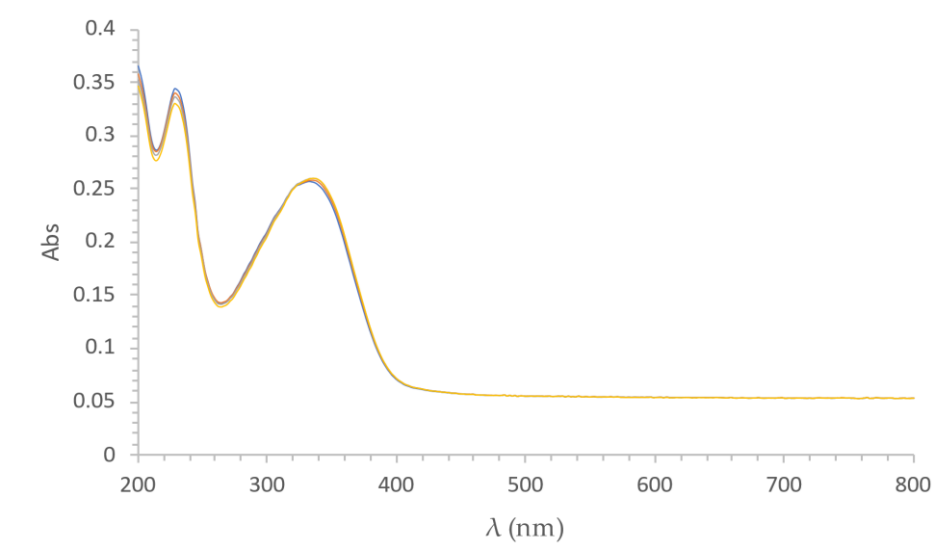


Figure S12. Spectrophotometric titration of 10 μM **21l** with Cu^{2+} (a) and Fe^{2+} (b) (0 (blue), 5 (orange), 10 (gray), 20 (ocher) μM) in 20 mM KPB buffer, pH 7.2, 25 °C).

(a)



(b)

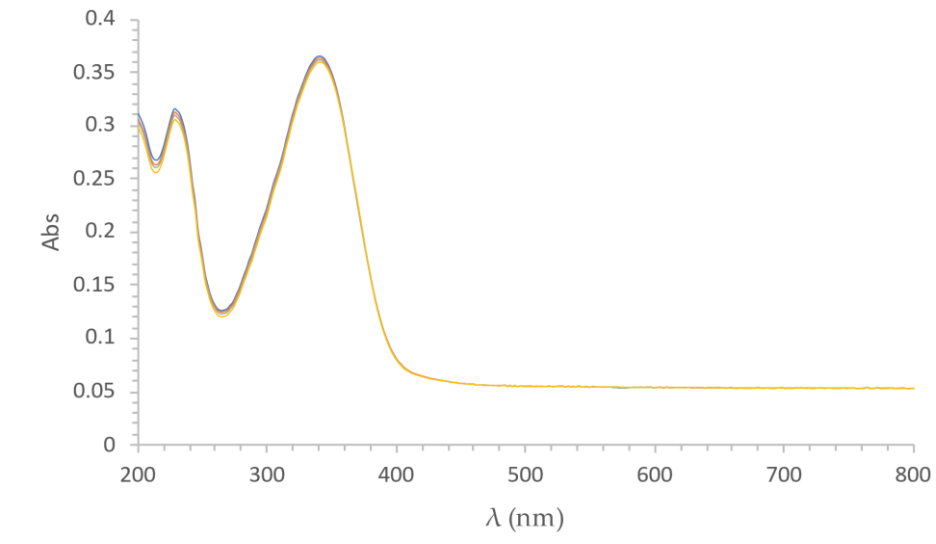
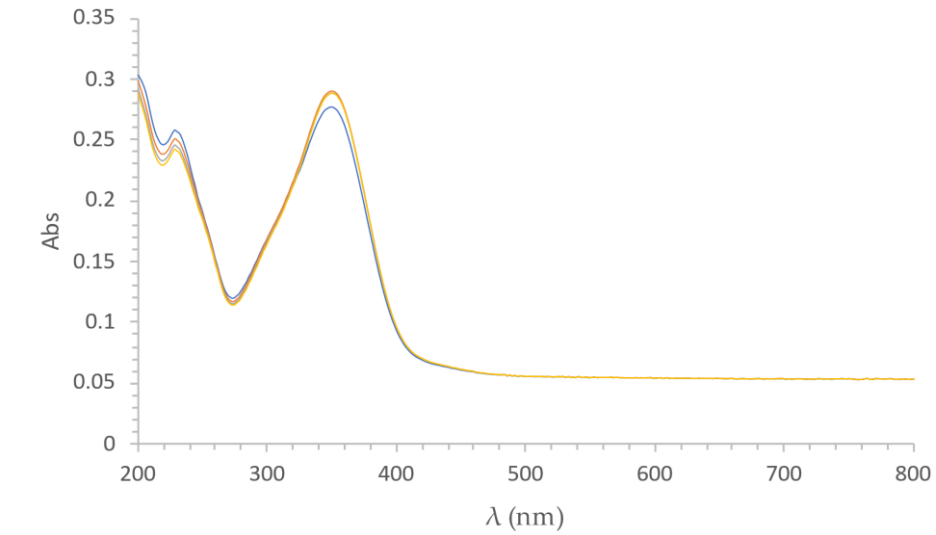


Figure S13. Spectrophotometric titration of 10 μM **25a** with Cu^{2+} (a) and Fe^{2+} (b) (0 (blue), 5 (orange), 10 (gray), 20 (ocher) μM) in 20 mM KPB buffer, pH 7.2, 25 °C).

(a)



(b)

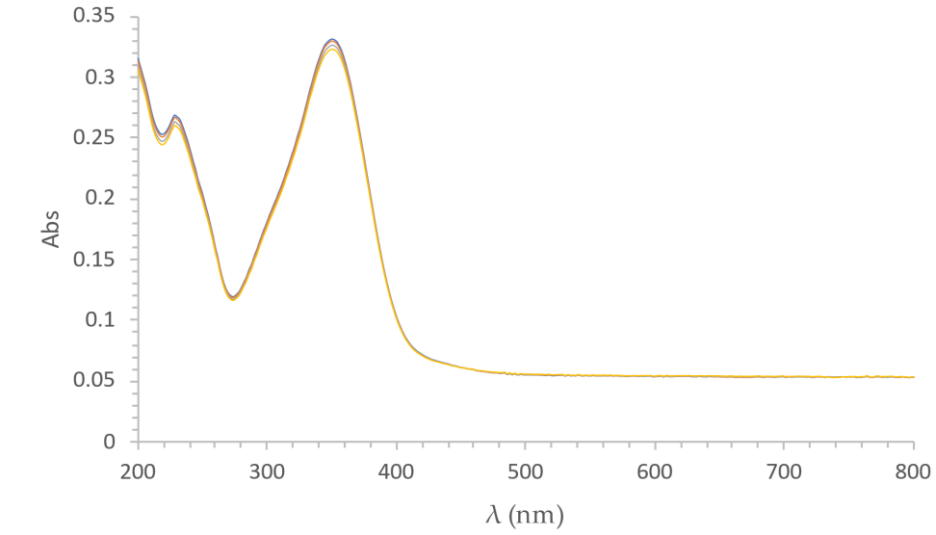


Figure S14. Spectrophotometric titration of 10 μM **25b** with Cu^{2+} (a) and Fe^{2+} (b) (0 (blue), 5 (orange), 10 (gray), 20 (ocher) μM) in 20 mM KPB buffer, pH 7.2, 25 °C).

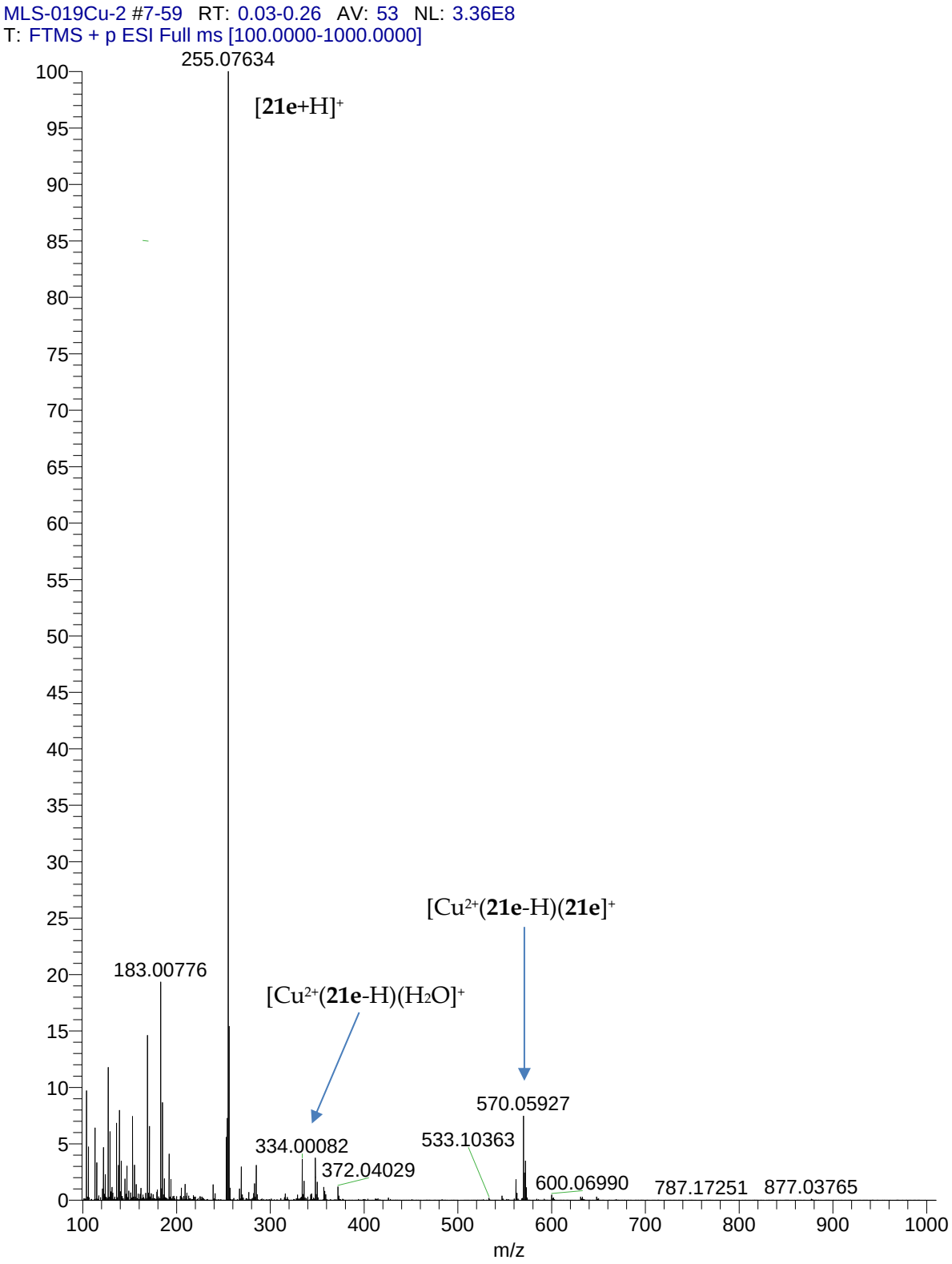


Figure S15. Electrospray mass spectrum of solution Cu^{2+} and **21e** (10 μM each, 1 : 1) in methanol/water (1 : 1, v/v).

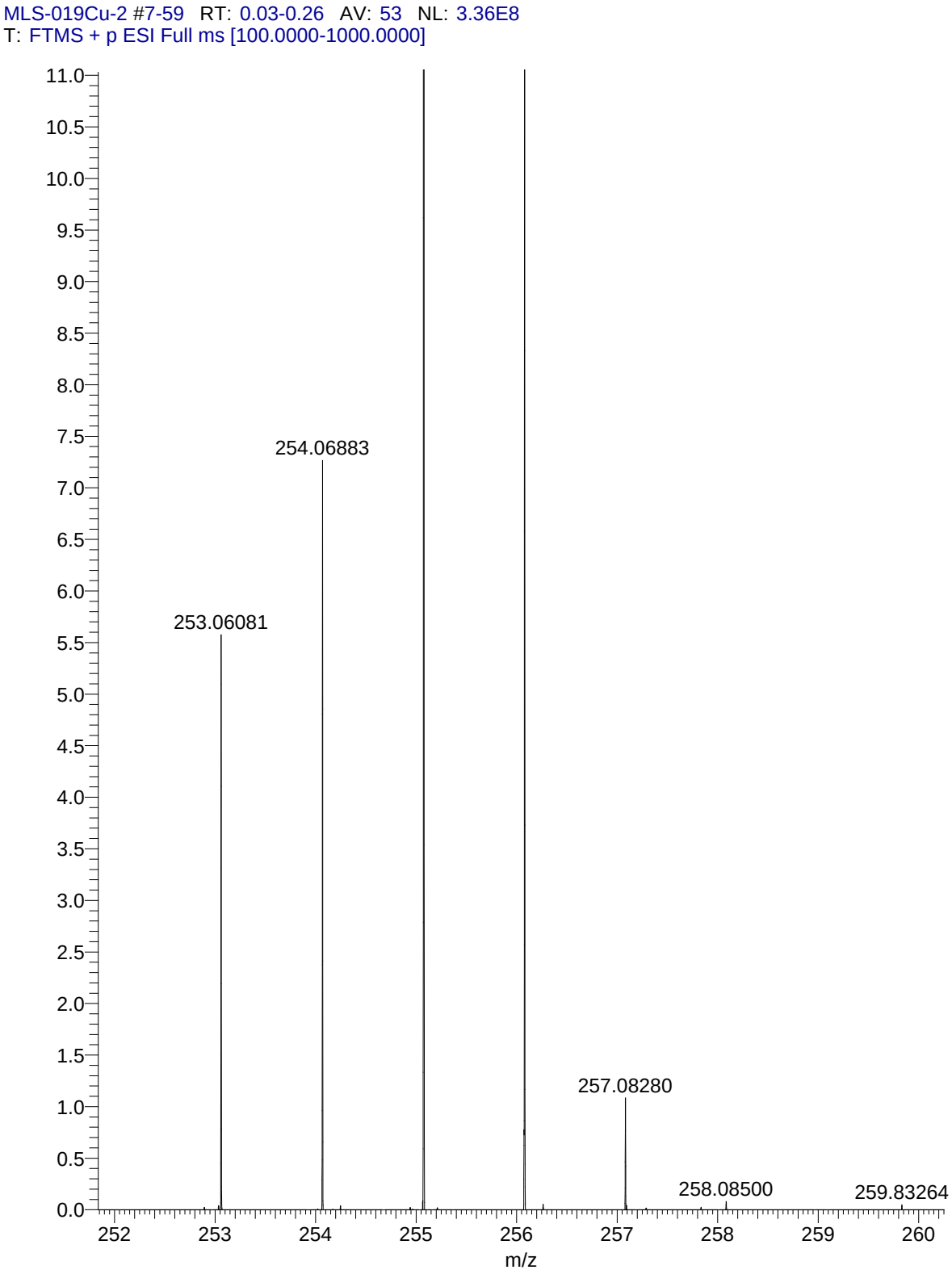


Figure S16. Electrospray mass spectrum of solution Cu^{2+} and **21e** (10 μM each, 1 : 1) in methanol/water (1 : 1, v/v). Peak at *m*/*z* = 253 belongs to oxidised **21e** orthoquinone.