

Supplementary Materials: DNA-Binding and Cytotoxicity of Copper(I) Complexes Containing Functionalized Dipyrroldiphenazine Ligands

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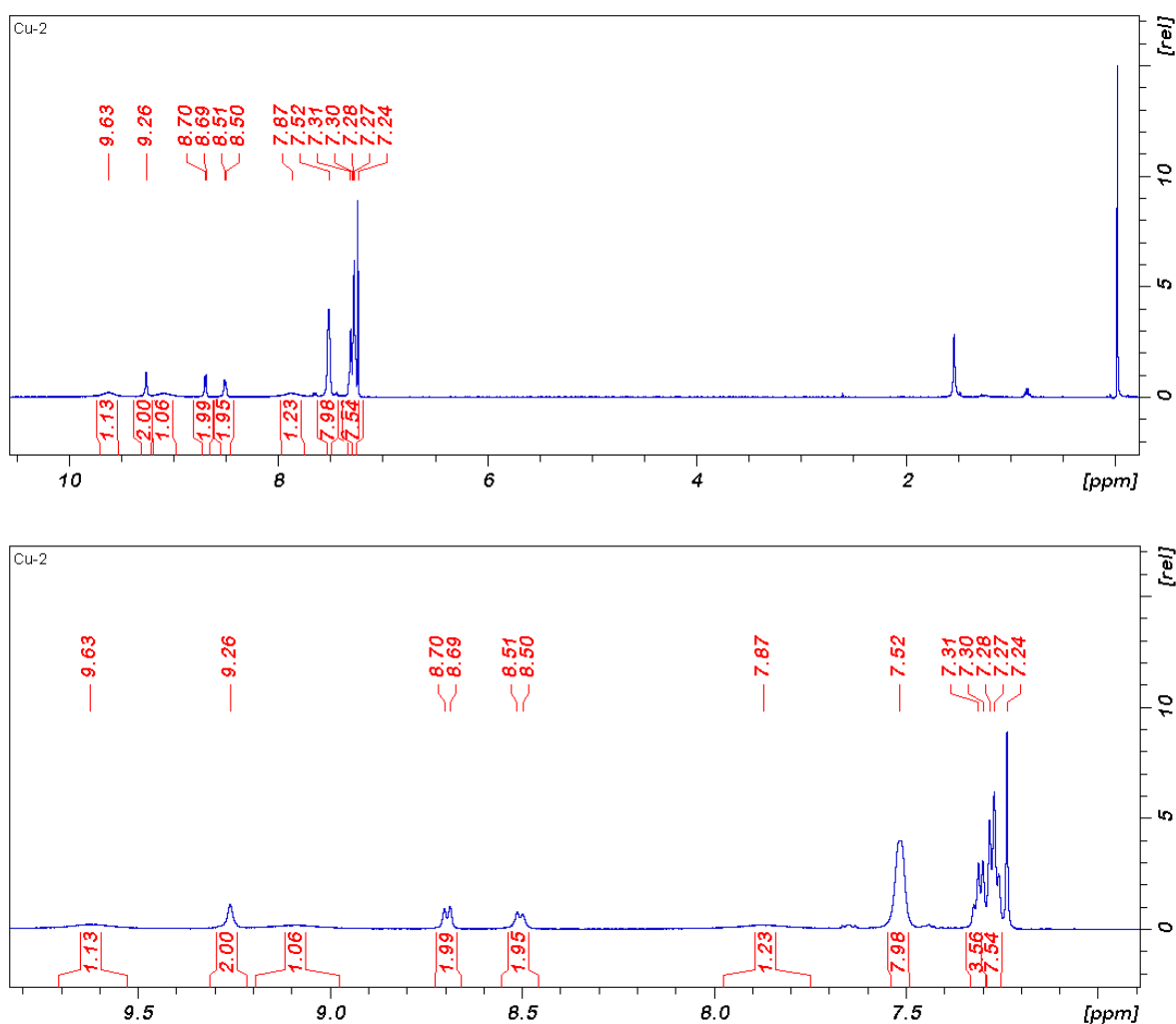
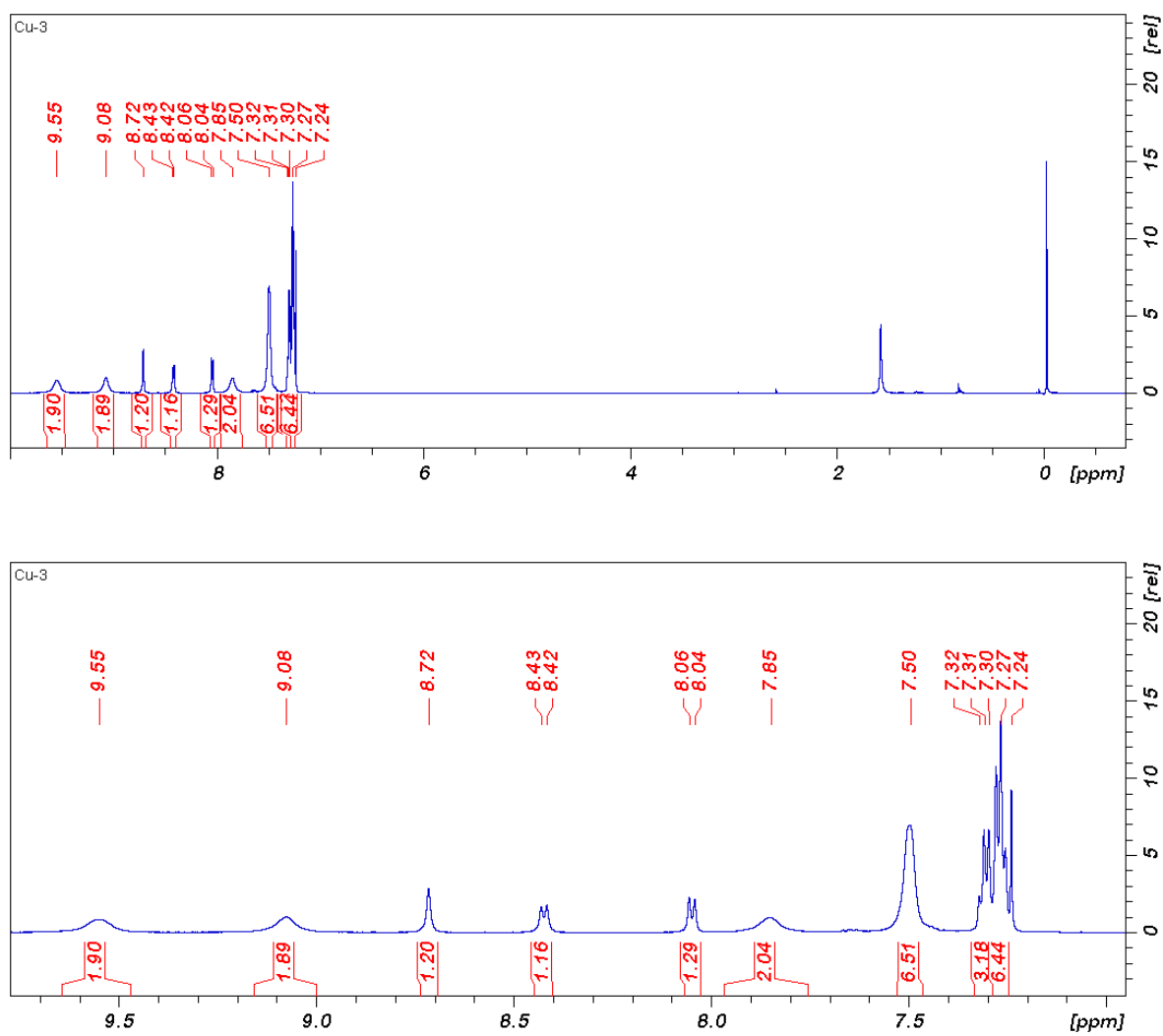
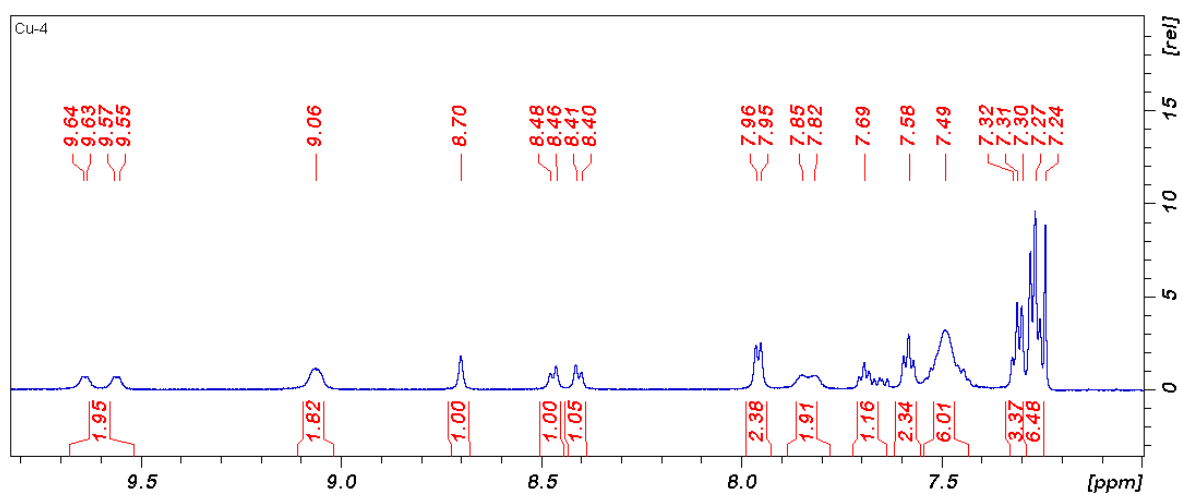
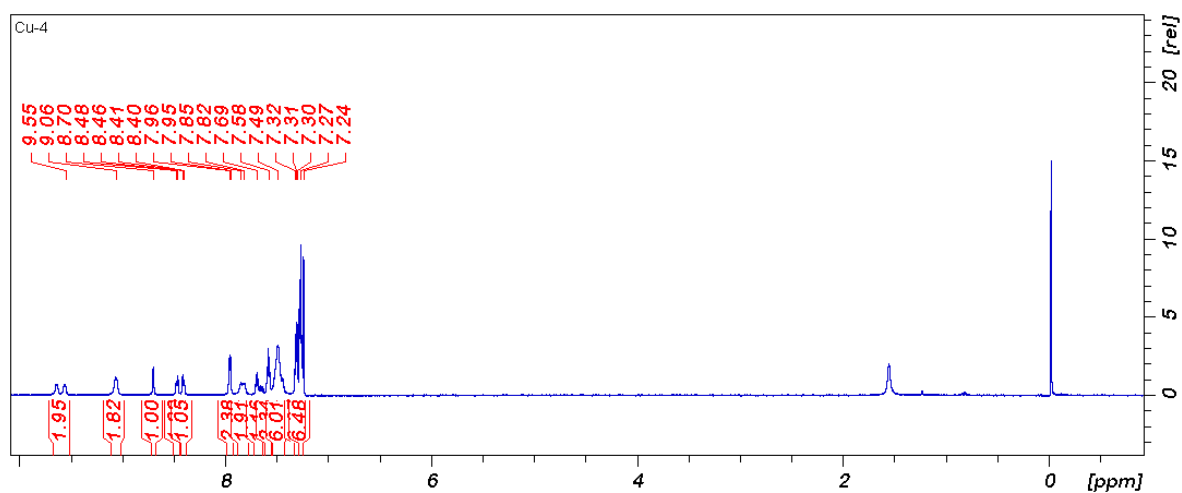
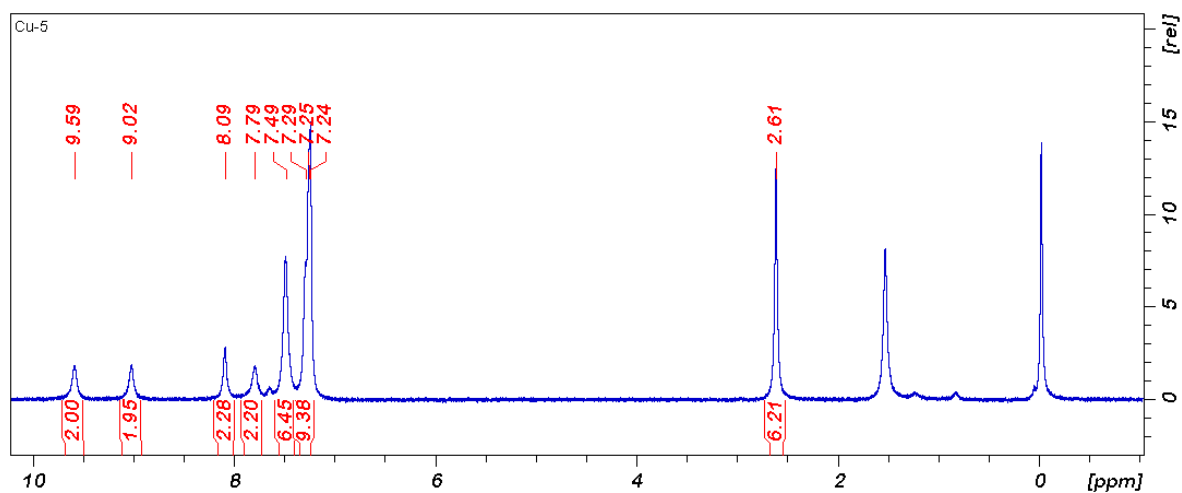


Figure S1. ^1H NMR of complex Cu-2.

Figure S2. ^1H NMR of complex Cu-3.

Figure S3. ^1H NMR of complex Cu-4.Figure S4. ^1H NMR of complex Cu-5.

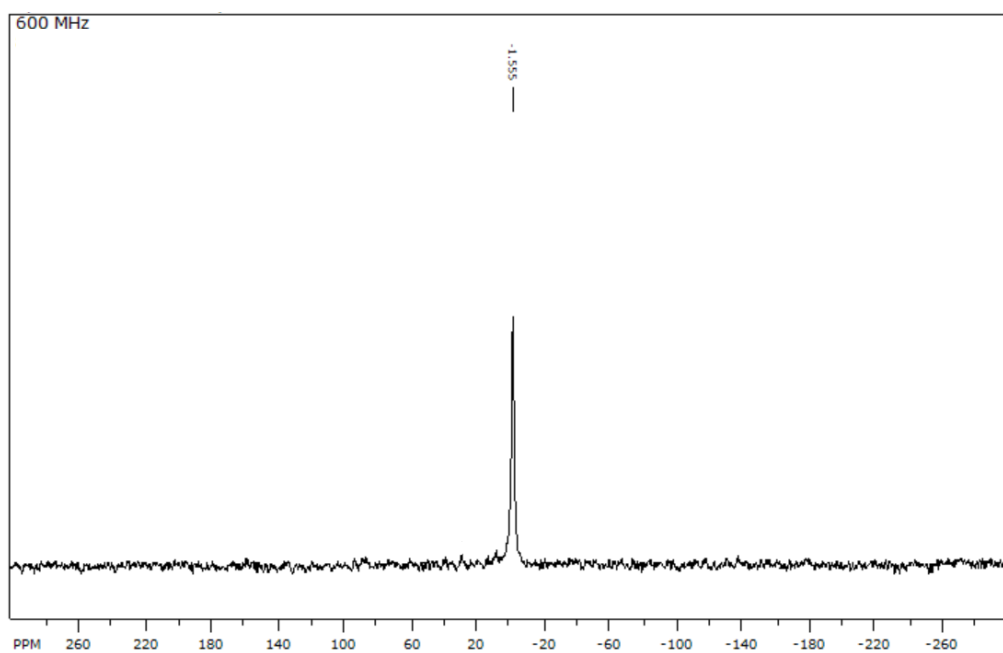


Figure S5. ^{31}P NMR of complex Cu-2.

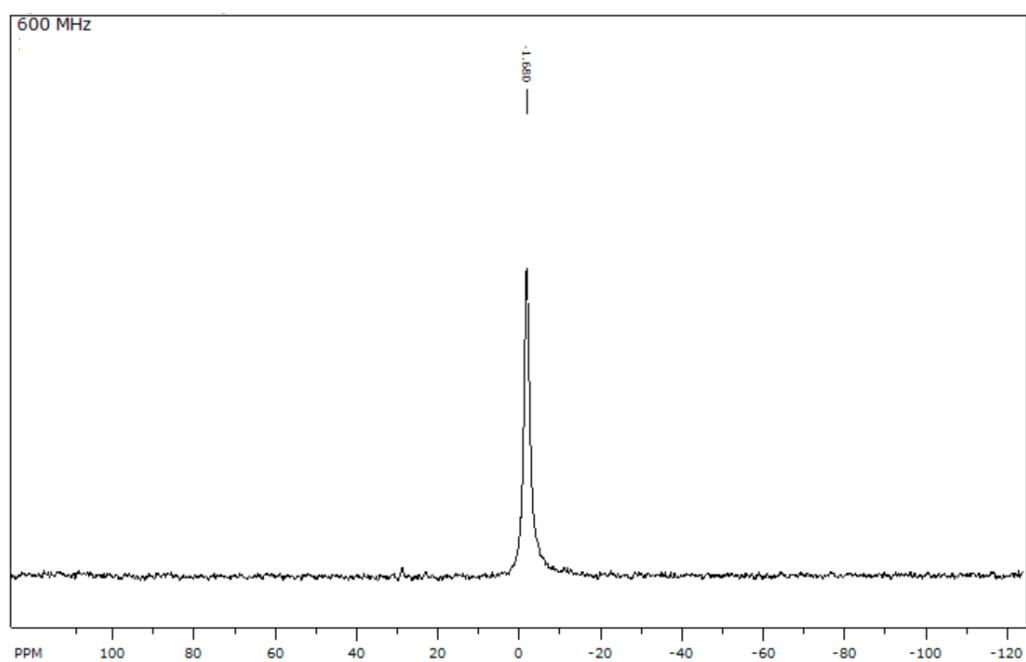


Figure S6. ^{31}P NMR of complex Cu-3.

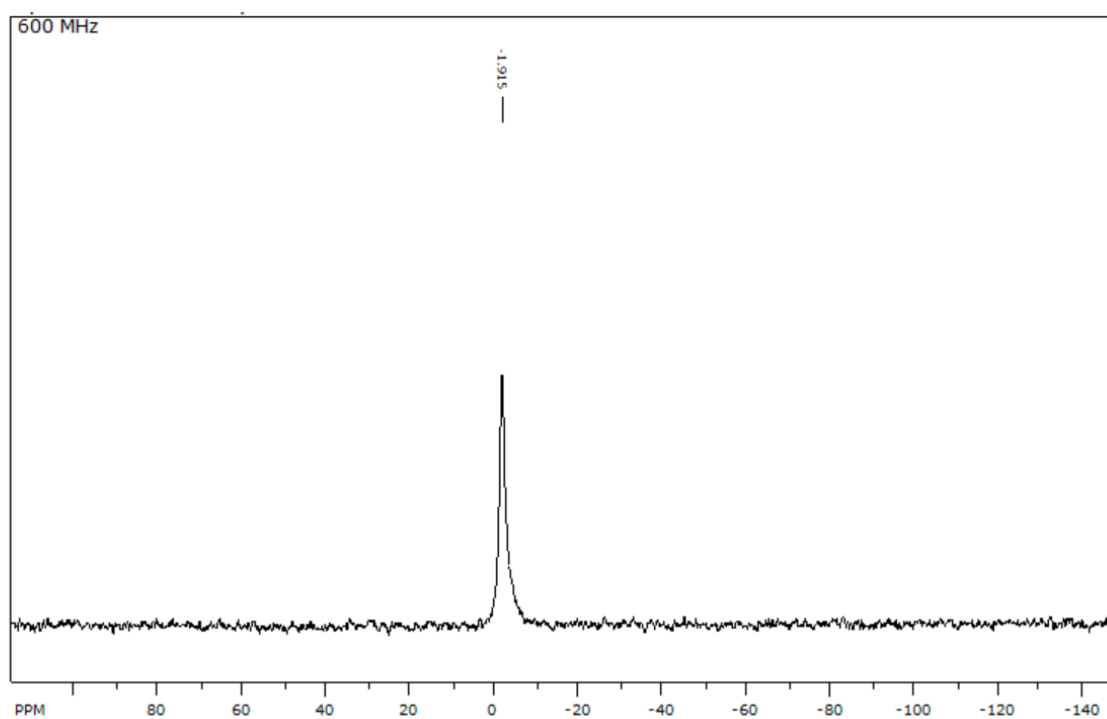


Figure S7. ^{31}P NMR of complex Cu-4.

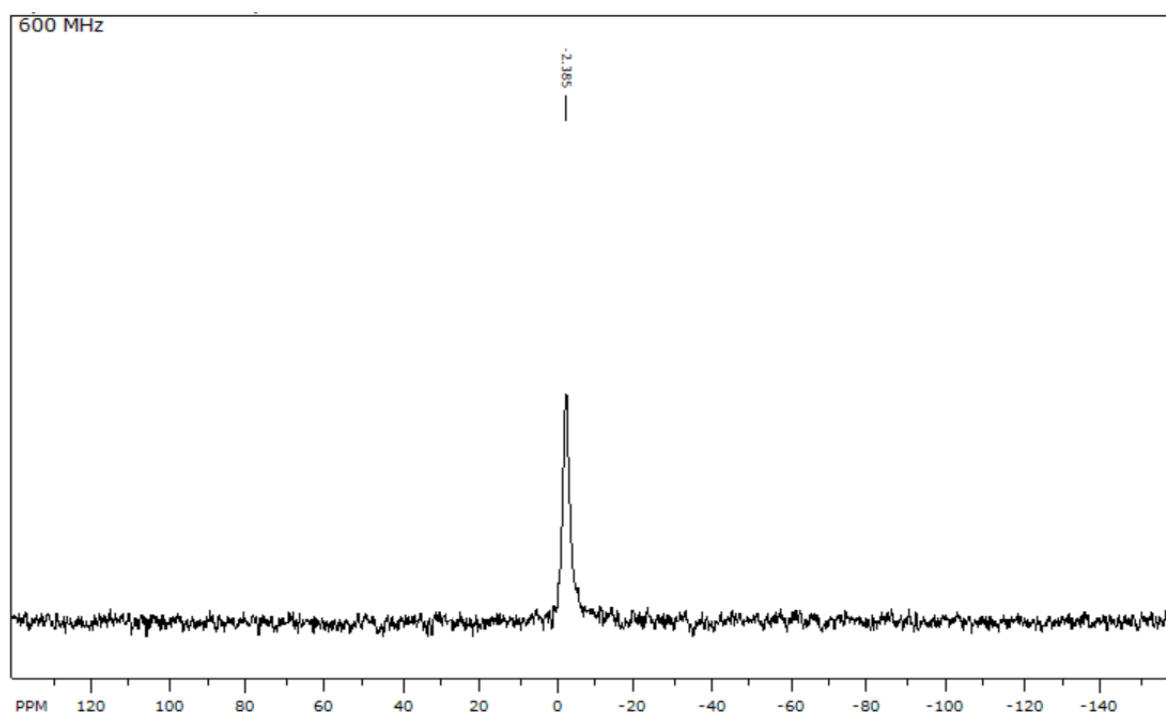
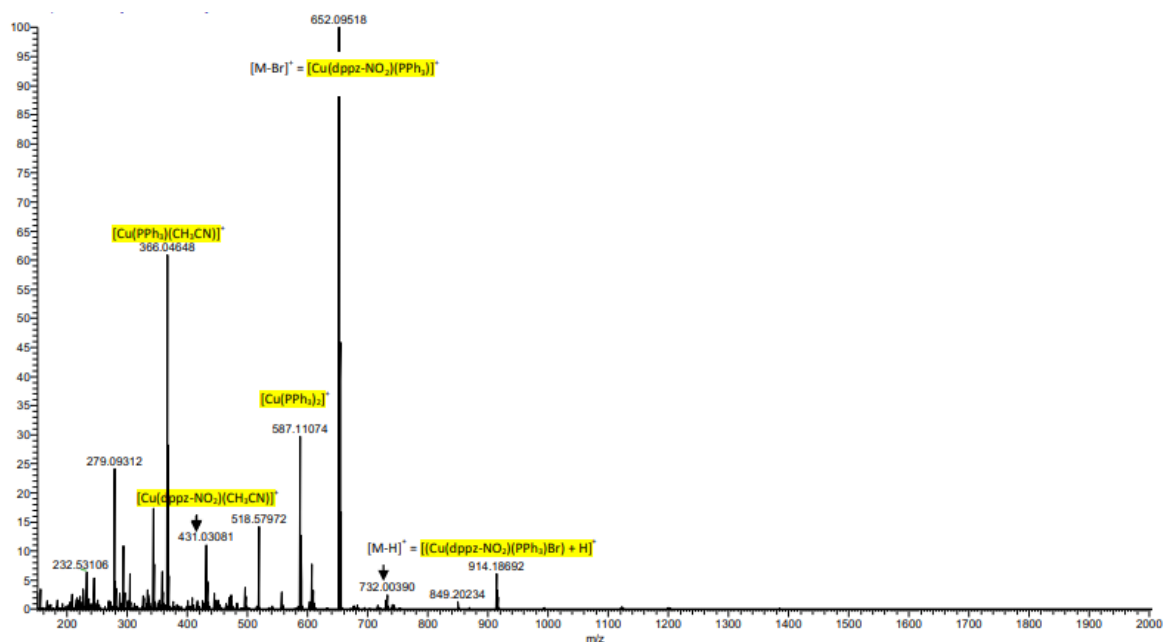


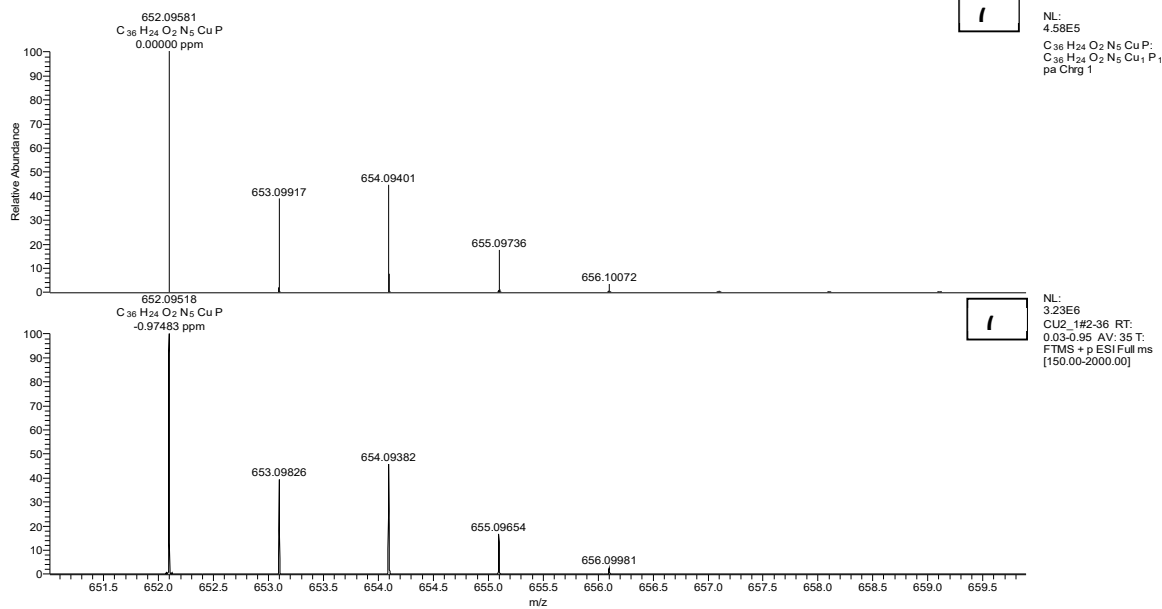
Figure S8. ^{31}P NMR of complex Cu-5.



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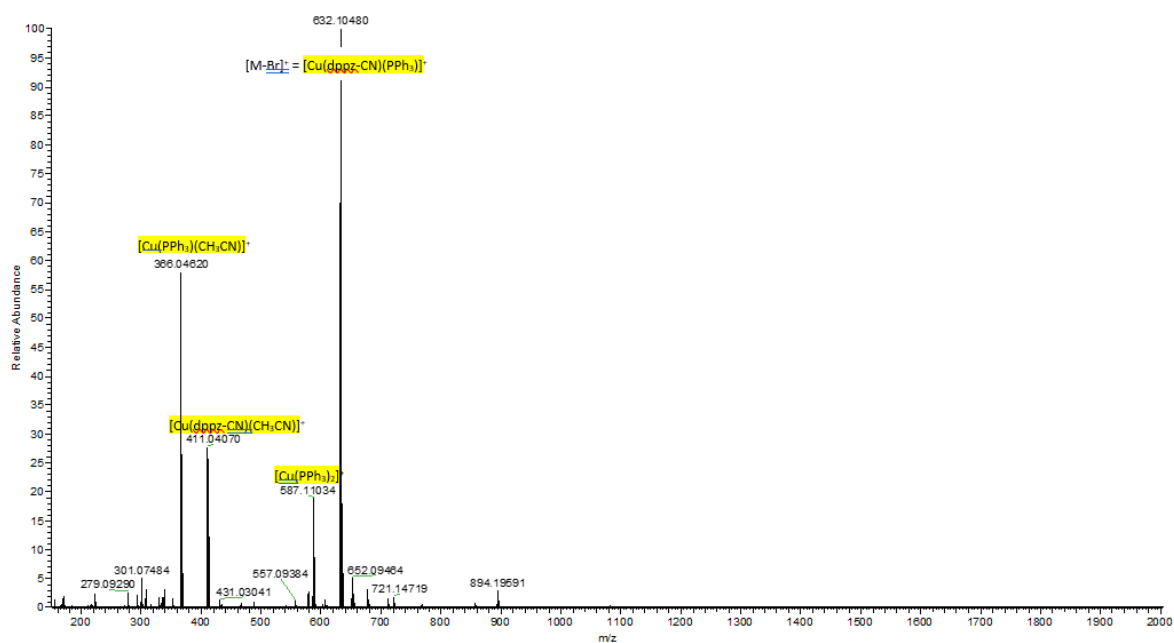
CU2



NL:
4.58E5
 $C_{38}H_{24}O_2N_5CuP$
 $C_{38}H_{24}O_2N_5Cu_1P_1$
pa Creg 1

NL:
3.23E6
CU2_1#2-36 RT:
0.03-0.95 AV: 35 T:
FTMS + p ESI/Full ms
[150.00-2000.00]

Figure S9. Low-resolution and high-resolution mass of complex Cu-2.



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CU3

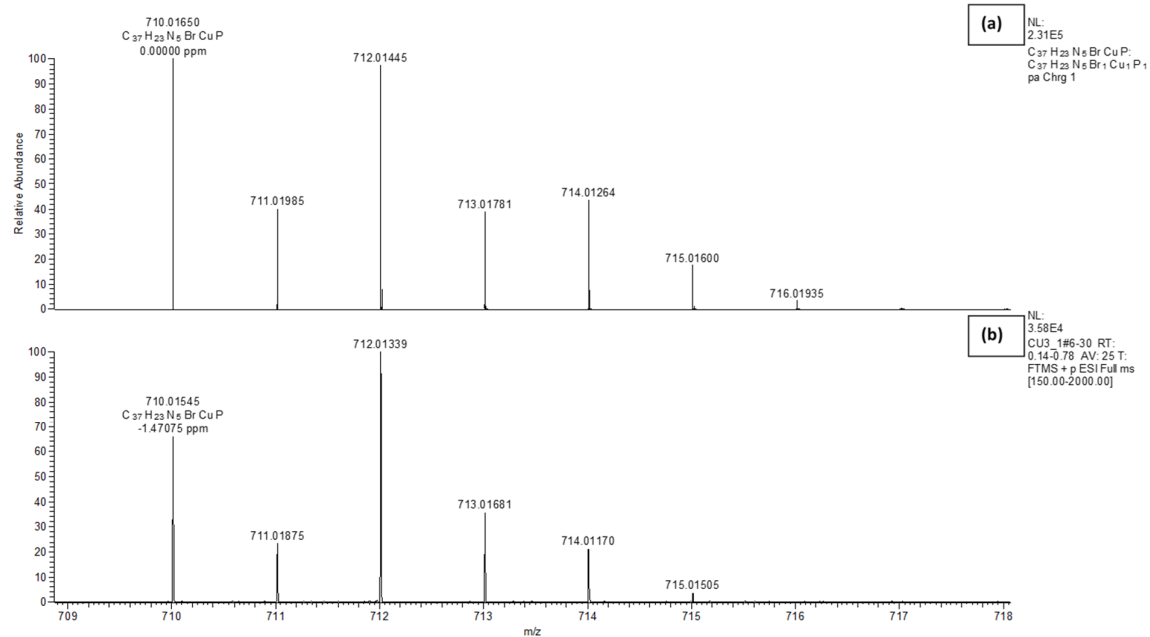


Figure S10. Low-resolution and high-resolution mass of complex Cu-3.

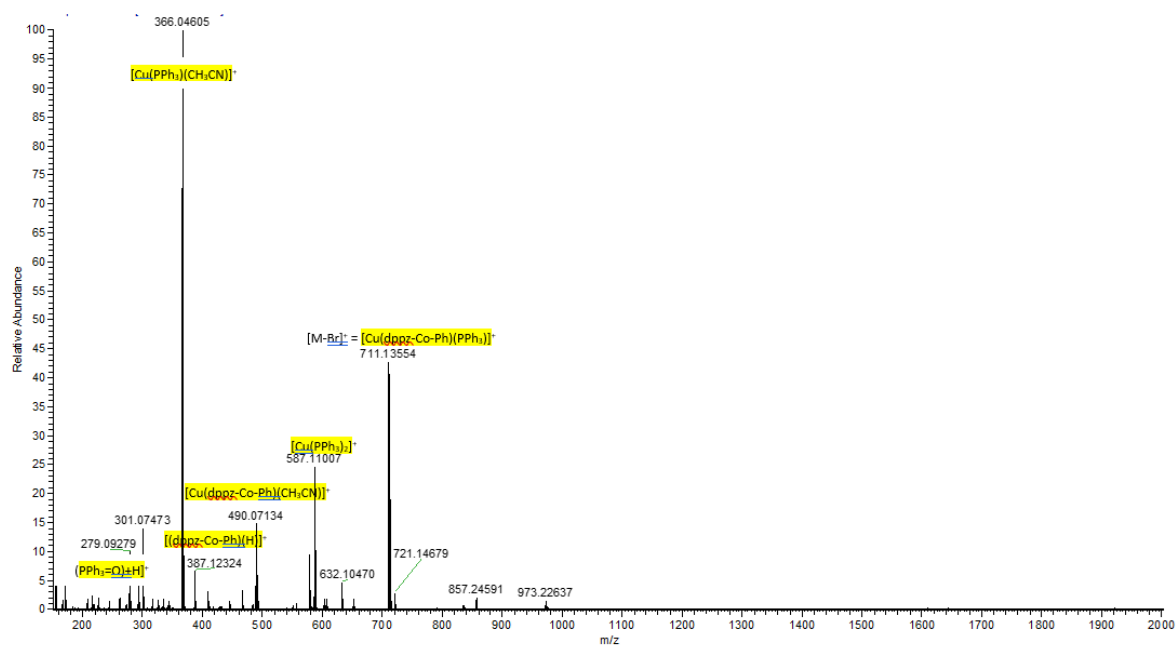
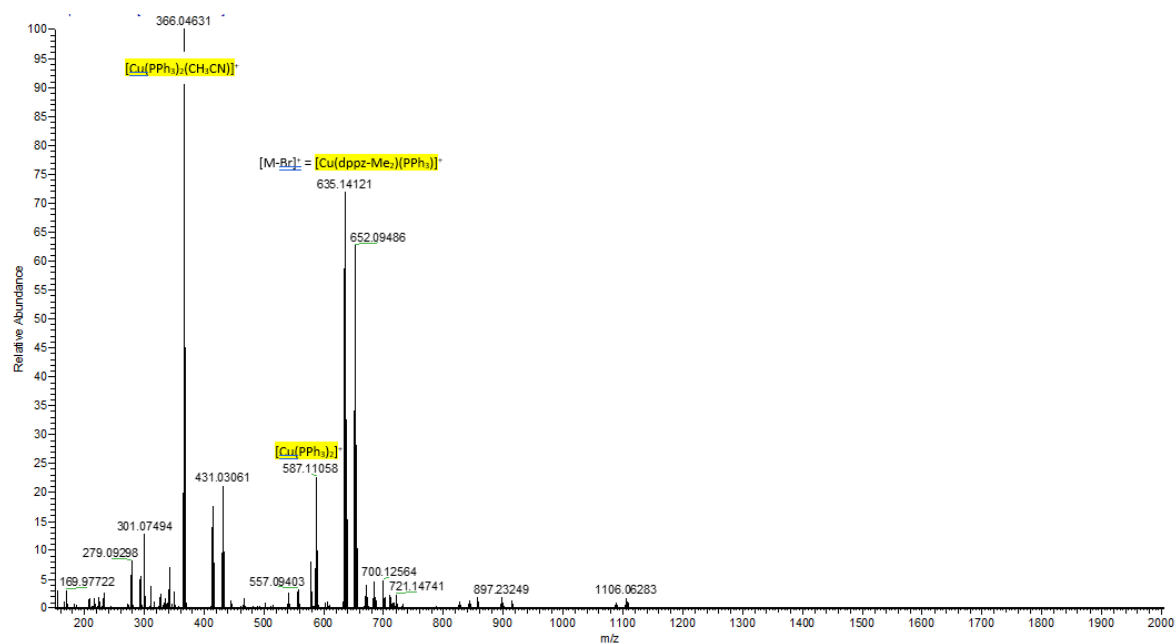


Figure S11. Low-resolution mass of complex Cu-4.



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CU5

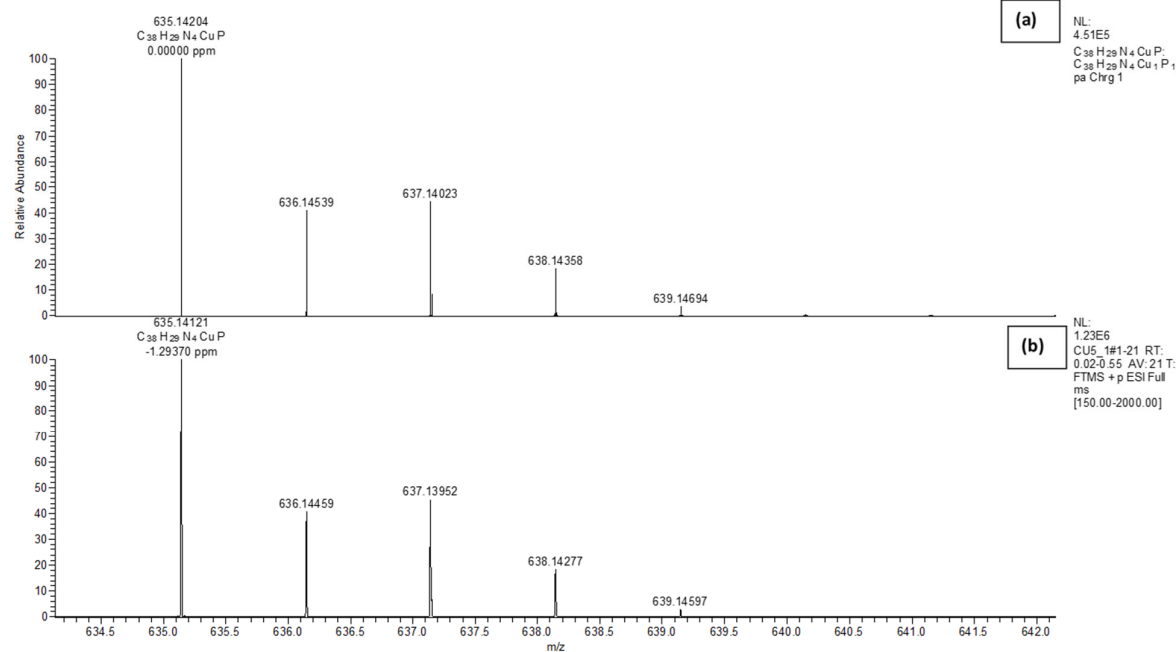


Figure S12. Low-resolution and high-resolution mass of complex Cu-5.

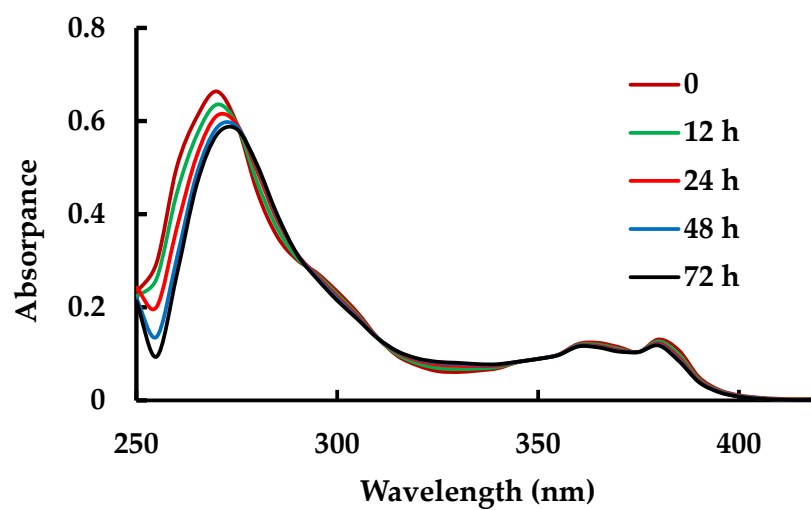


Figure S13. Overlaid UV-vis absorption of Cu-1 solution (1.3×10^{-5} M) in DMSO over several days, showing no sign of degradation.