The Amination Reaction on Copper(III) and Germanium(IV) β-Nitrocorrolates

Supporting information

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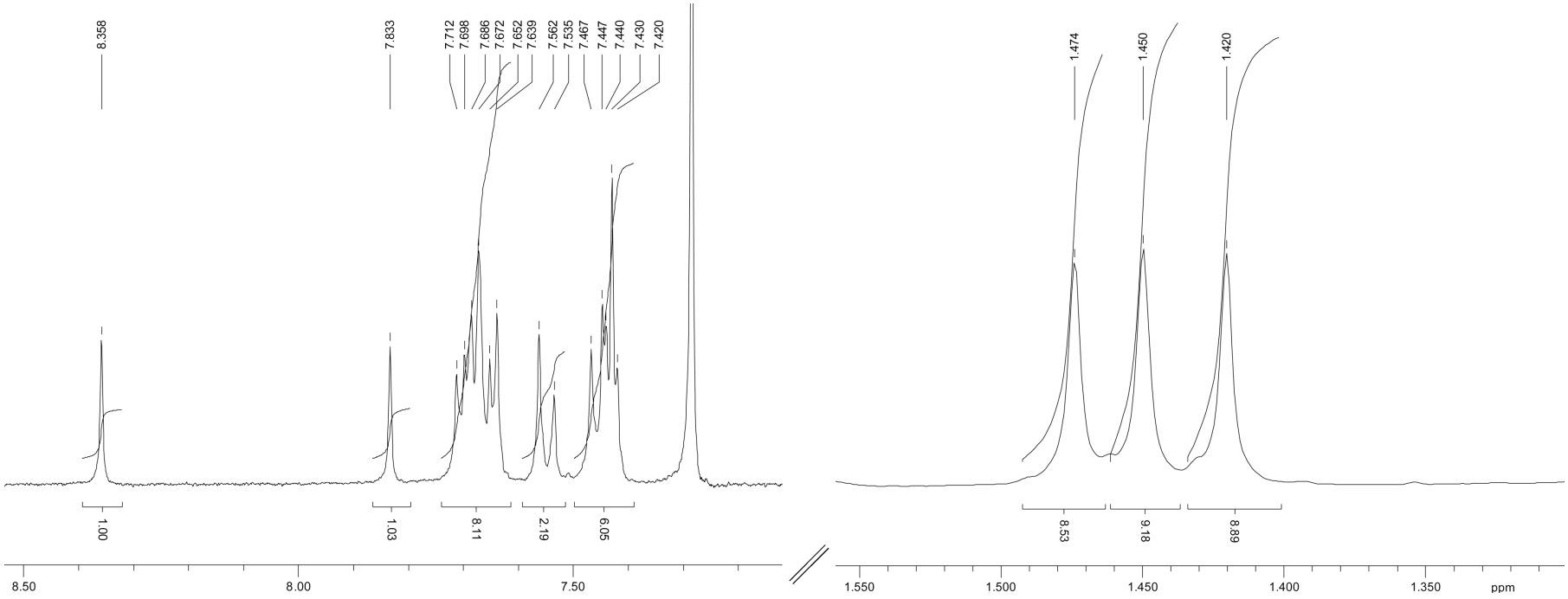

Figure S1. ^{1}H NMR spectrum of 2,17-$(NO_2)_2$T*tBu*PCorrCu in $CDCl_3$.

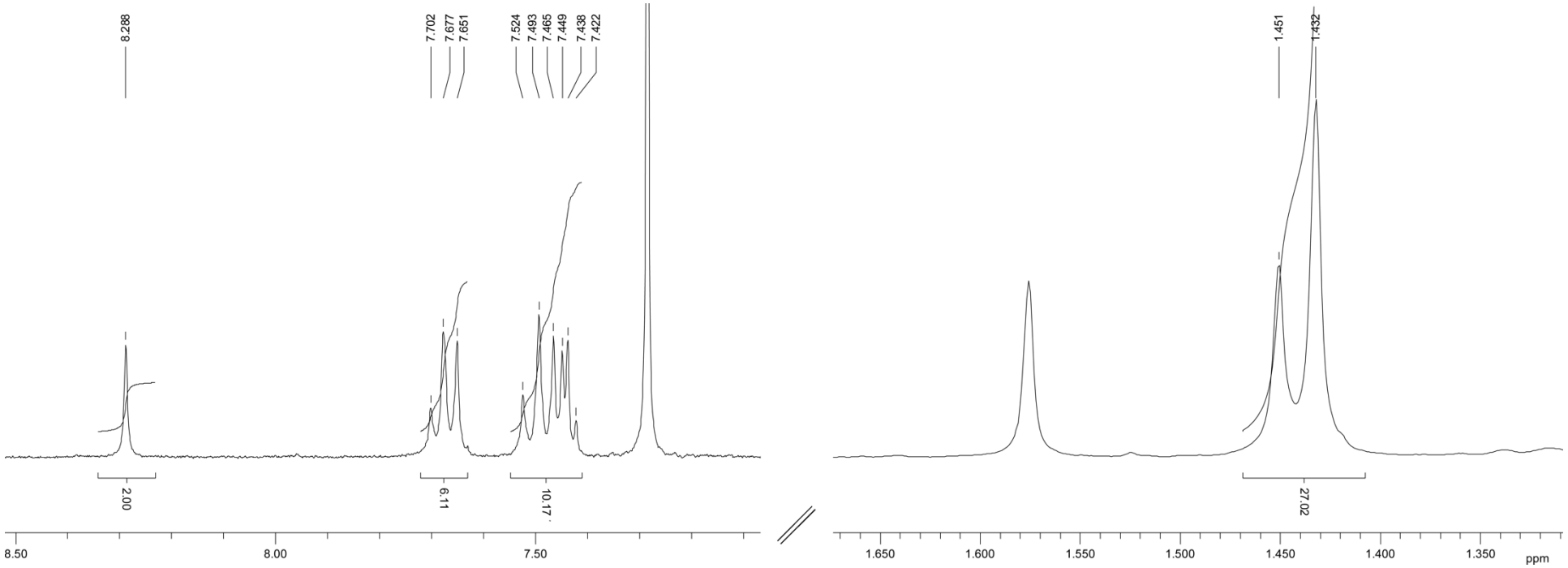

Figure S2. ^{1}H NMR spectrum of 3,17-$(NO_2)_2$T*tBu*PCorrCu in $CDCl_3$.

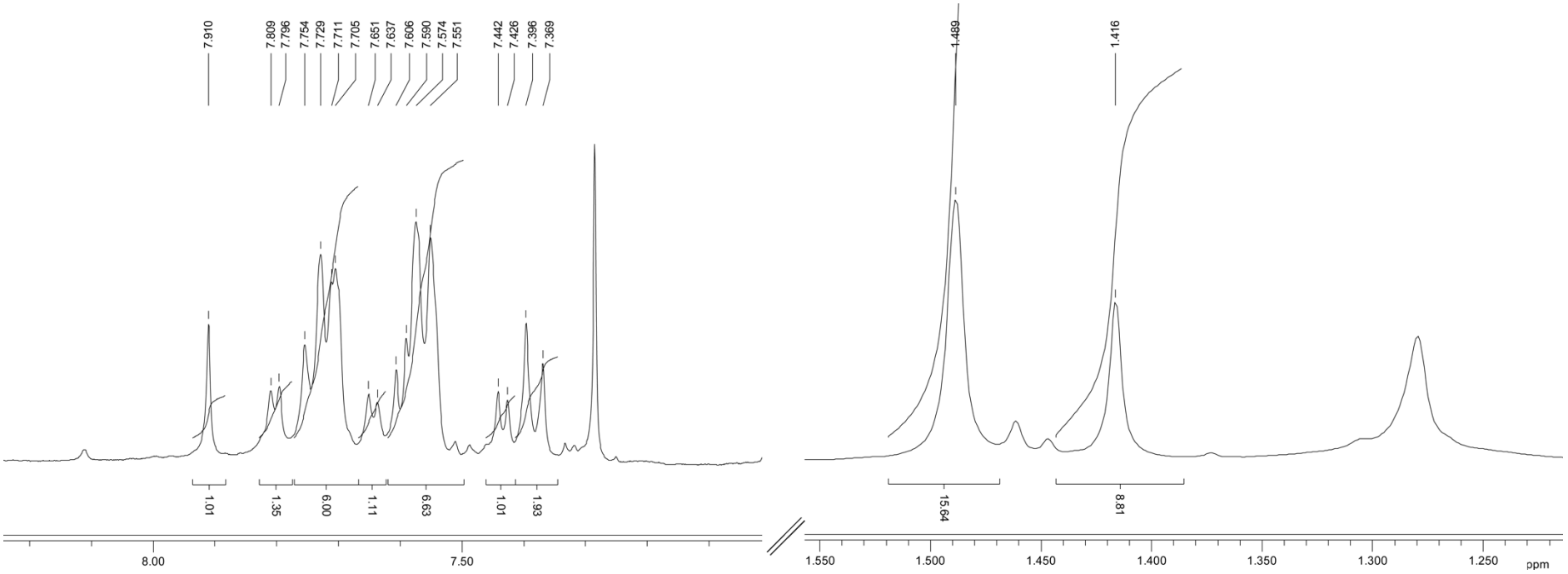

Figure S3. ^{1}H NMR spectrum of 2-(NO_2)T*tBu*PCorrCu in $CDCl_3$.

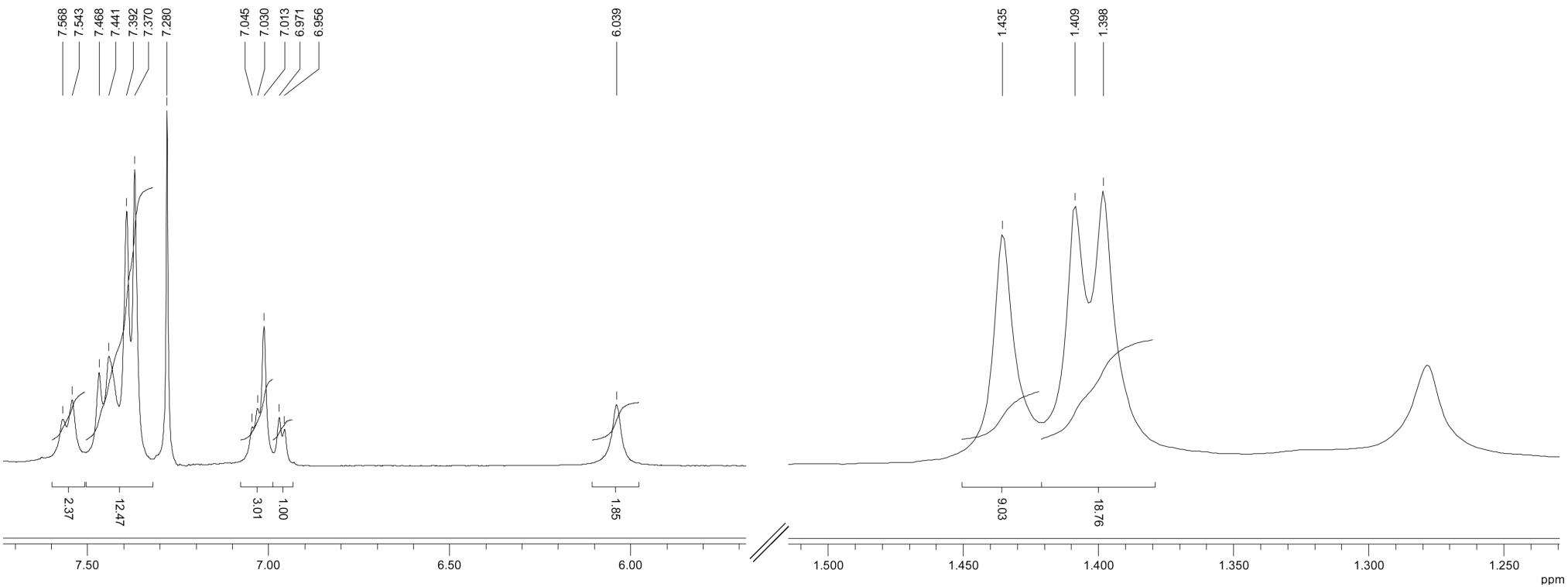

Figure S4. ^{1}H NMR spectrum of 2-NH_2-3-(NO_2)T*tBu*PCorrCu in $CDCl_3$

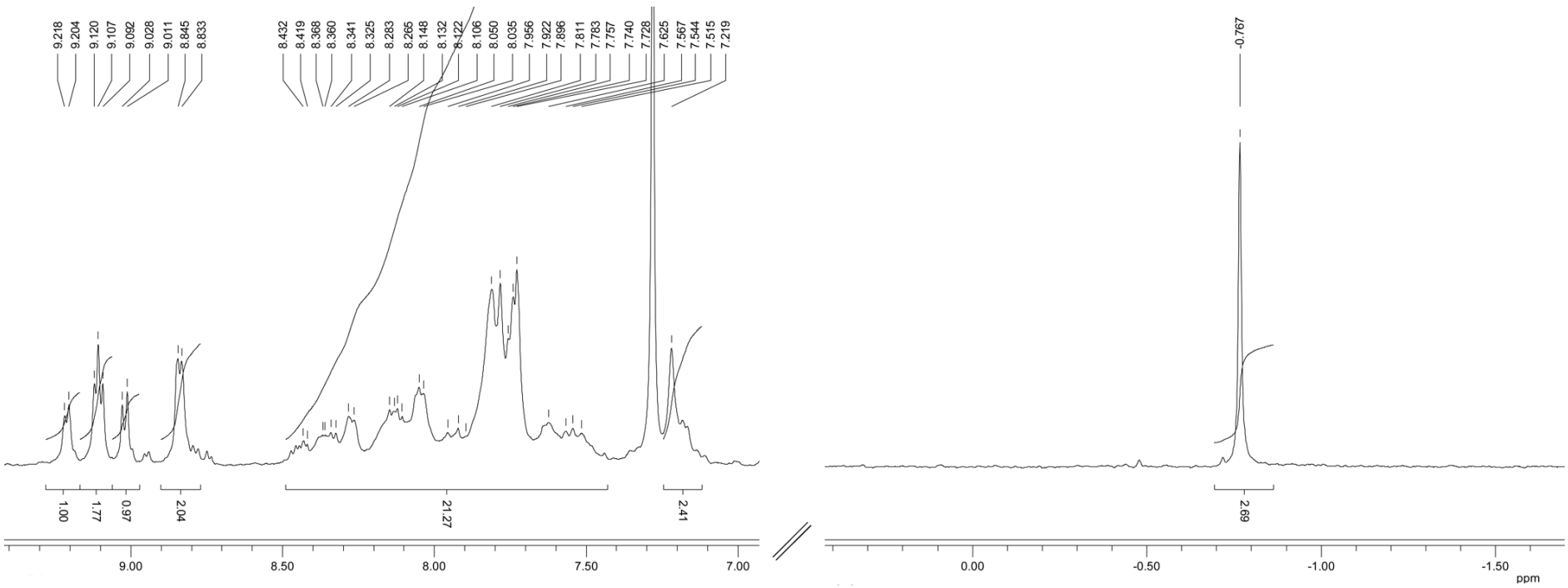

Figure S5. ^{1}H NMR spectrum of 2-NH_2-3-$(NO_2)_2$TPCorrGe(OCH_3)in $CDCl_3$.

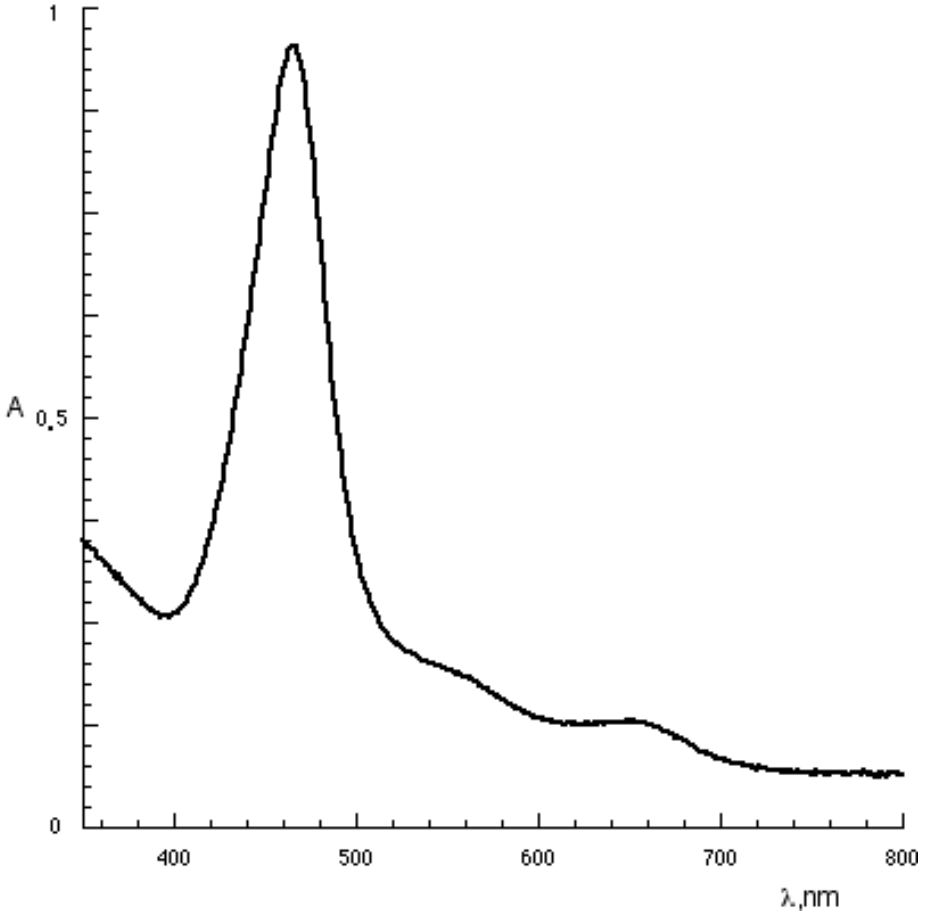

Figure S6. UV-vis spectrum of 2,17-$(NO_2)_2$T*tBu*PCorrCu in $CHCl_3$.

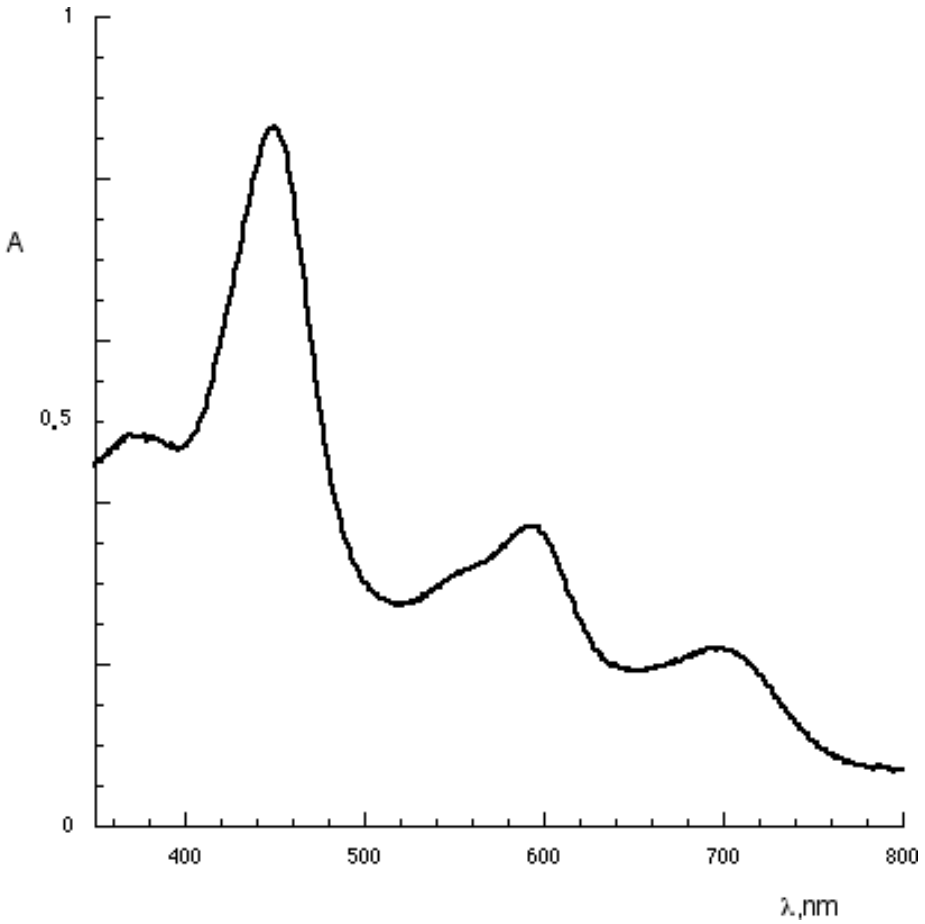

Figure S7. UV-vis spectrum of 3,17-$(NO_2)_2$T*tBu*PCorrCu in $CHCl_3$.

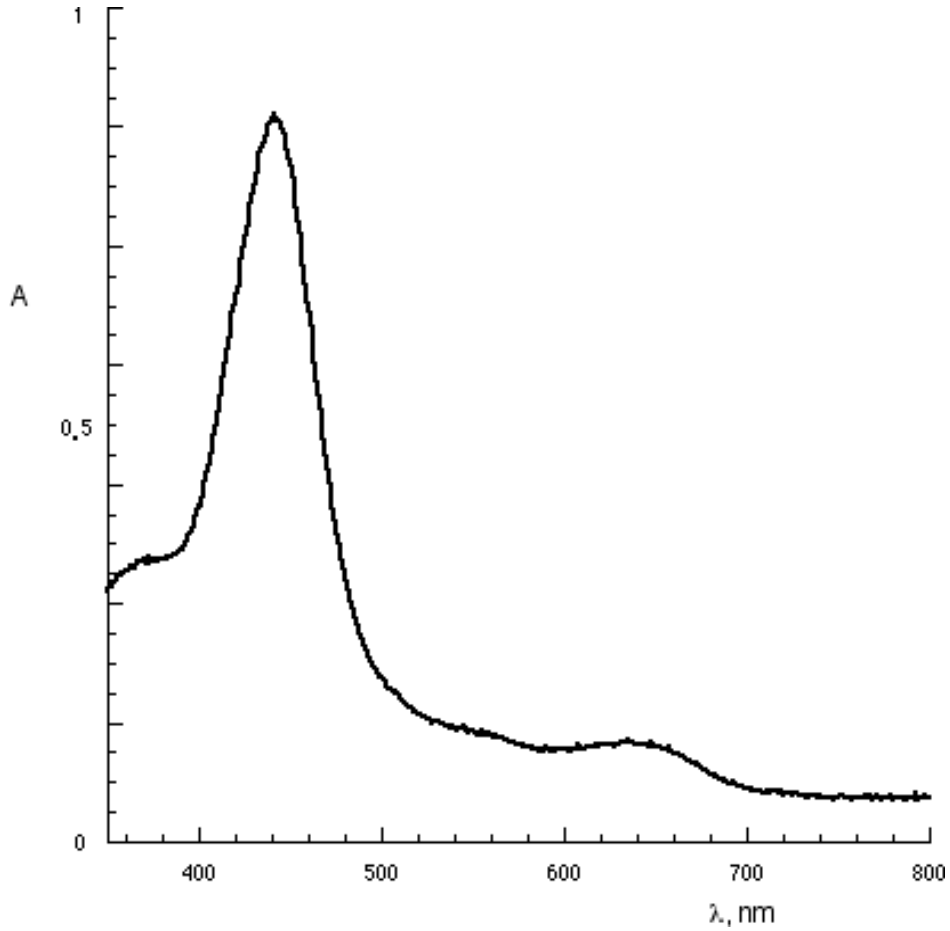

Figure S8. UV-vis spectrum of 2-(NO_2)-T*tBu*PCorrCu in $CHCl_3$.

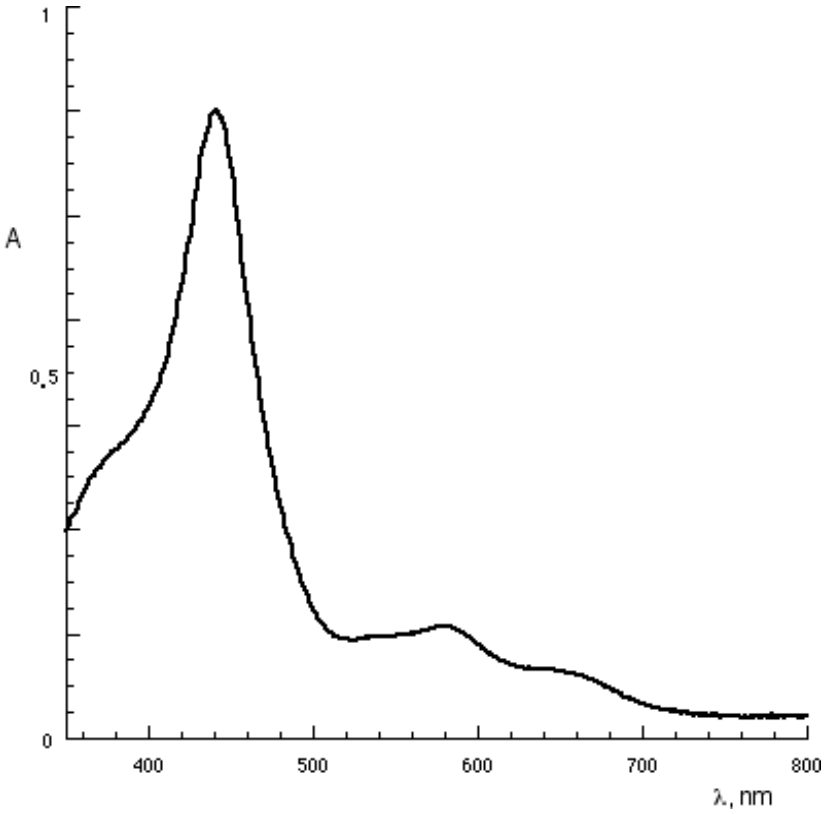

Figure S9. UV-vis spectrum of 2-NH_2-3-NO_2T*tBu*PCorrCu in $CHCl_3$.

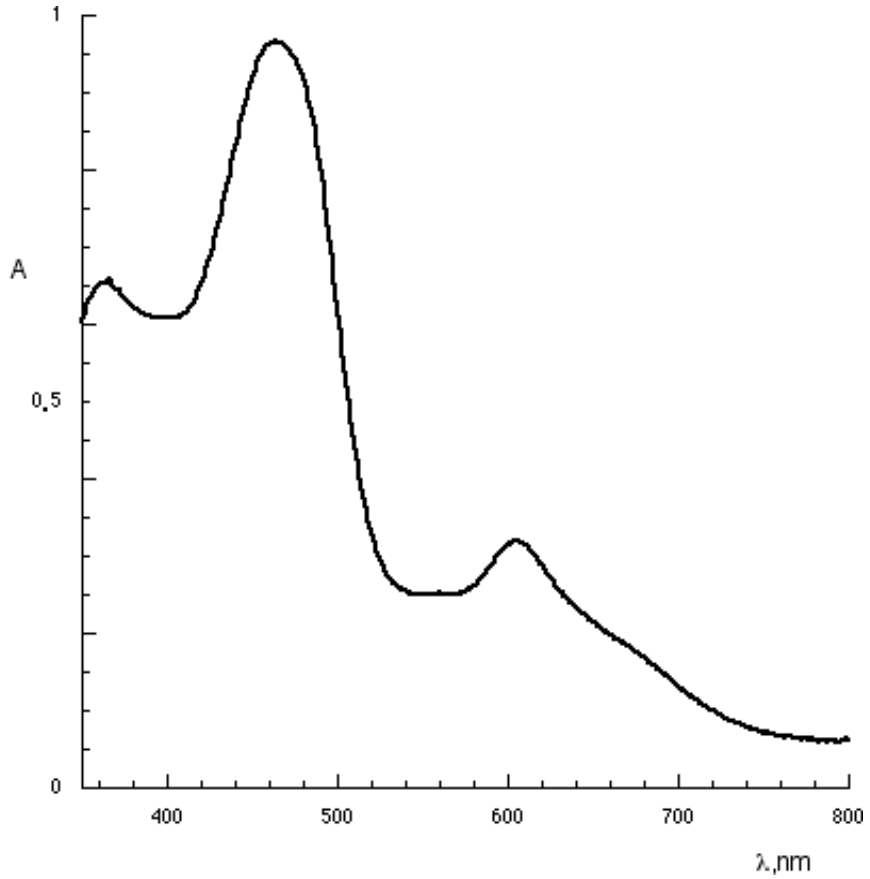

Figure S10. UV-vis spectrum of 2,18-$(NH_2)_2$-3,17-(NO_2)T*tBu*PCorrCu in $CHCl_3$.

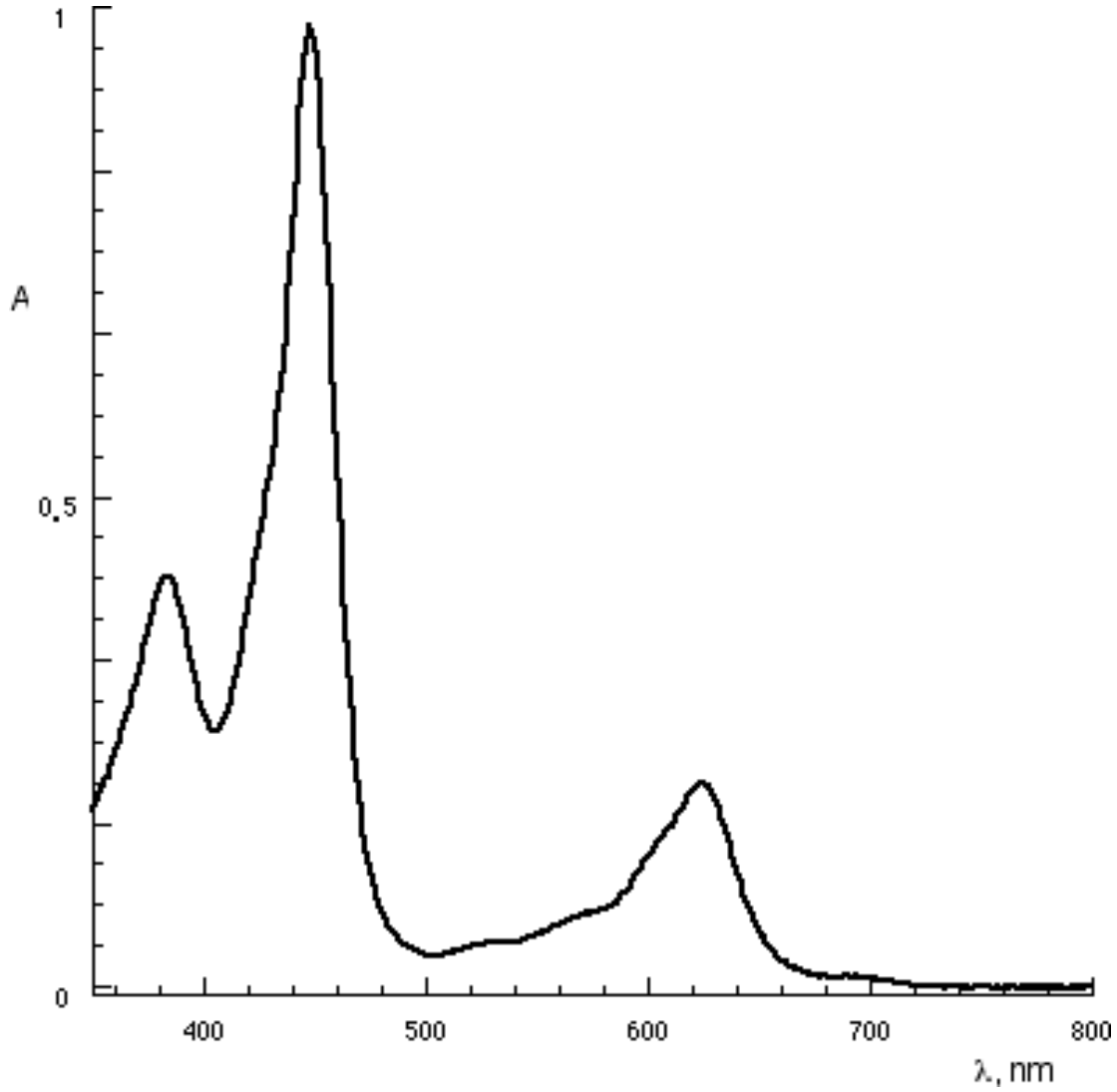

Figure S11. UV-vis spectrum of 2-NH_2-3-NO_2-TPCorrGe(OCH_3) in $CHCl_3$.

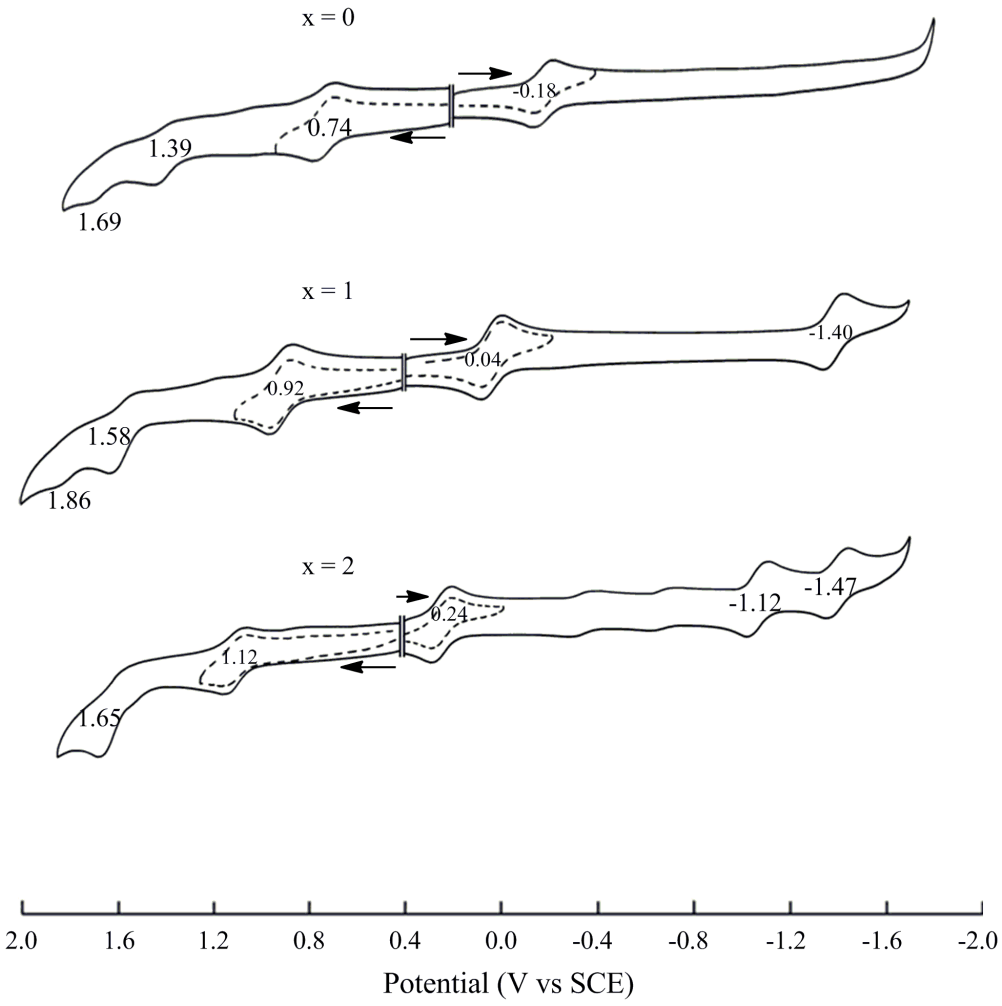

Figure S12. Cyclic voltammograms of $(NO_2)_x$T*tBu*PCorrCu in PhCN, 0.1 M TBAP.

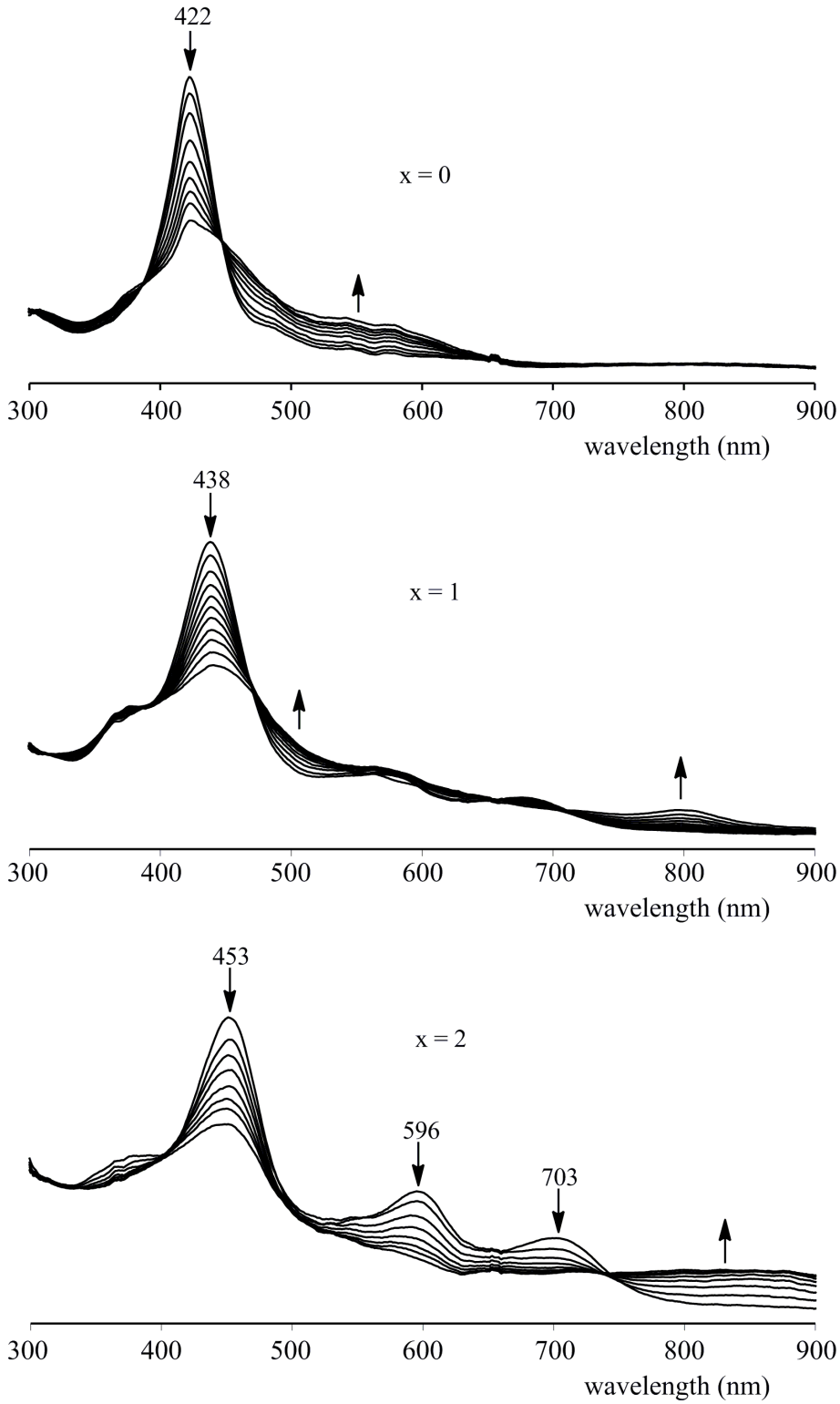

Figure S13. Spectra changes during 1st oxidation of $(NO_2)_x$T*tBu*PCorrCu in PhCN, 0.1 M TBAP.