

Supporting Information

Collman, *et al.* 10.1073/pnas.0804257105

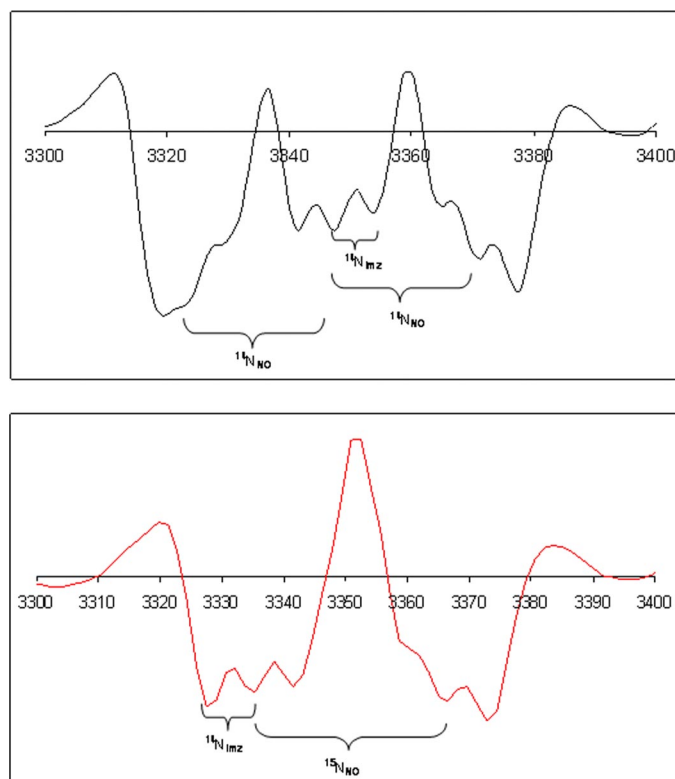


Fig. S1. EPR second derivatives of the $^{14}\text{N}/^{15}\text{N}$ six-coordinate NO derivatives. (Upper) Second derivative of ^{14}NO EPR signal: presence of the axial imidazole ^{14}N and NO ^{14}N is indicated by the 3×3 hyperfine pattern. (Lower) Second derivative of ^{15}NO EPR signal: presence of the axial imidazole ^{14}N and NO ^{15}N is indicated by the 2×3 hyperfine pattern.

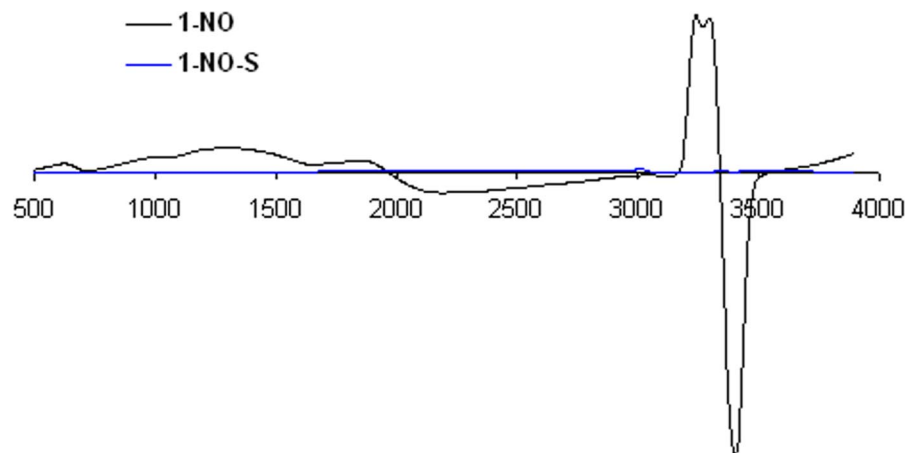


Fig. S2. 4-K EPR data on 1-NO and 1-NO-S. No high-spin Fe^{3+} signal is in the low-field region.

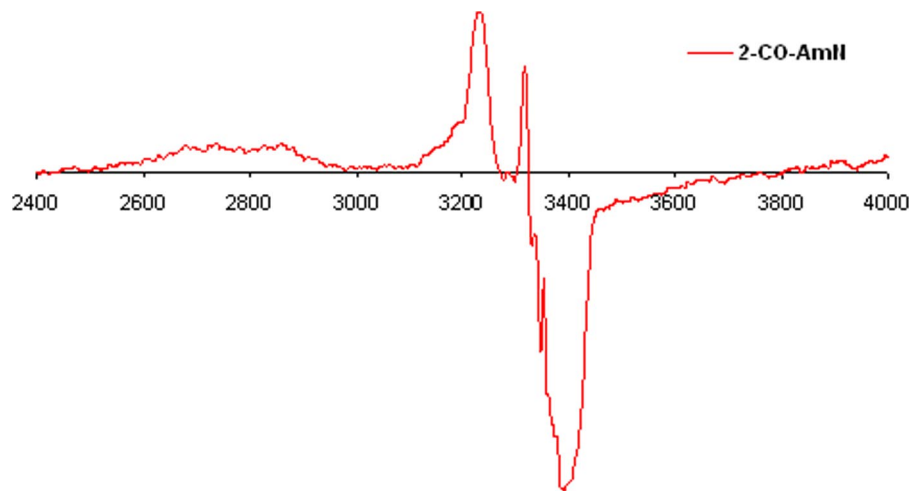


Fig. S3. EPR of 2-CO + AmN (2-CO-AmN). The presence of Cu²⁺ hyperfines at 2,600–3,000 G and nitrosyl features at 3,400 G is shown.