

Supplementary Information

Cyclometallated ruthenium(II) carbonyl complexes with 1-pyrenaldehyde 4-*R*-3-thiosemicarbazones: Regioselective ruthenation of the 1-pyrenyl group

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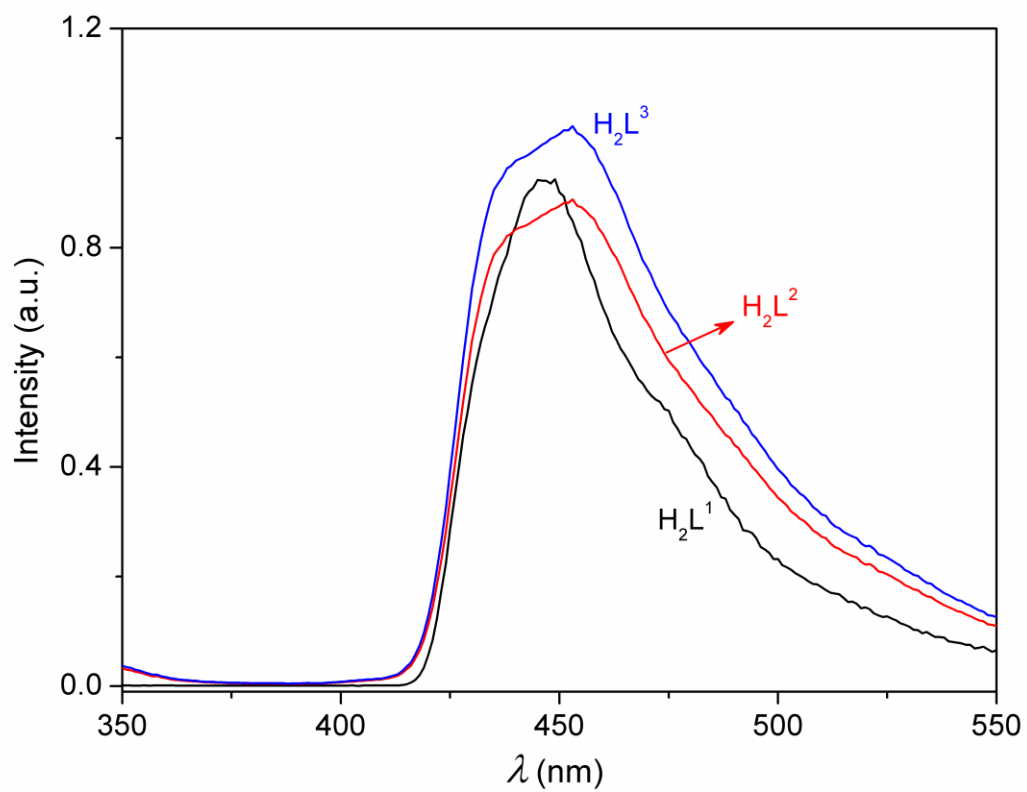


Figure S1. Emission spectra of 1-pyrenaldehyde 4-*R*-3-thiosemicarbazones (H_2L^{1-3}) in dimethylformamide.

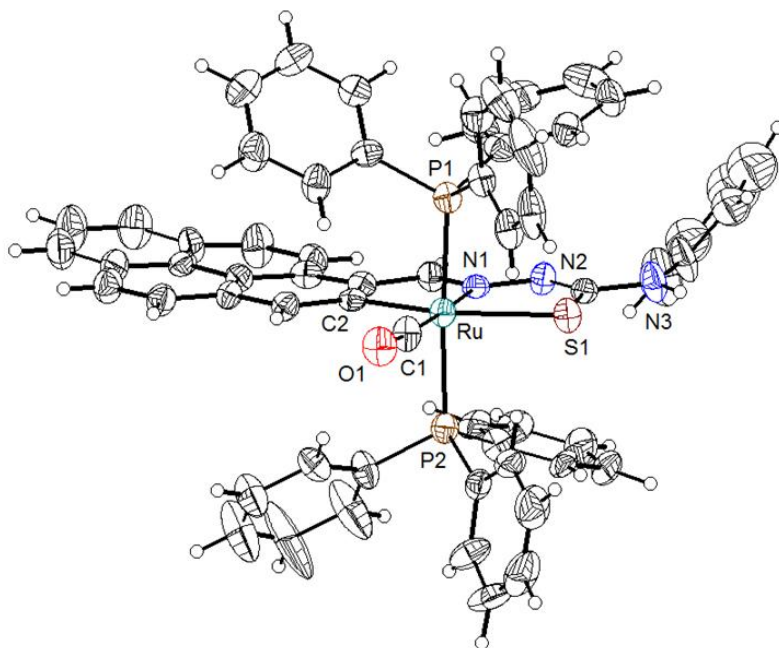


Figure S2. Molecular structure of *trans*-[Ru(L³)(CO)(PPh₃)₂] (**3**). All non-hydrogen atoms are represented by their 30% probability thermal ellipsoids. For clarity, only one orientation of the disordered phenyl ring of (L³)²⁻ is shown and none of the carbon atoms is labeled except for the metal coordinated ones.