

One-pot synthesis of 5,10,15,20-tetraphenyl-21*H*,23*H*-popyhrin complexes with rhenium and iridium in various oxidation states

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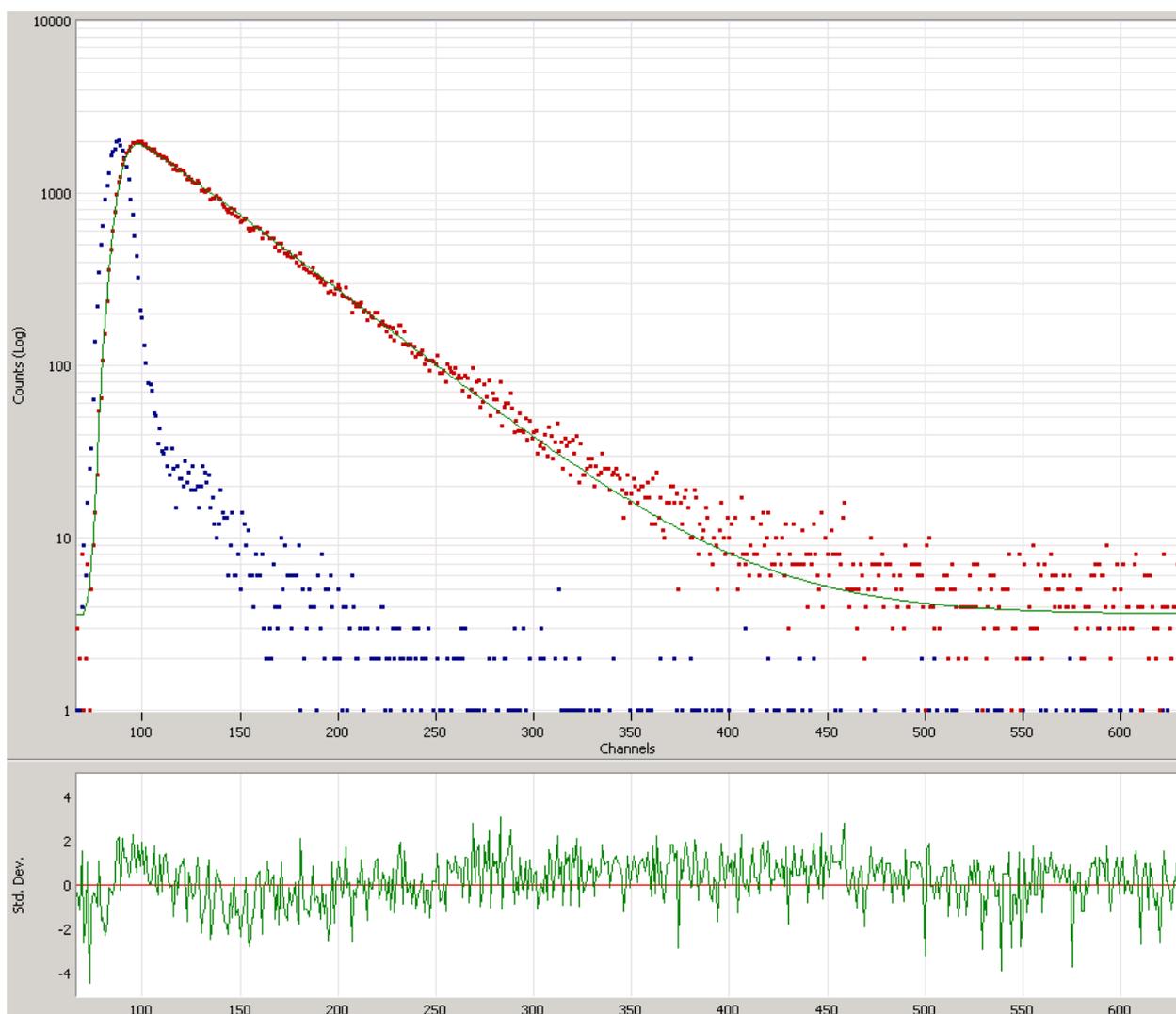


Figure 1S Kinetics of a decay of (5,10,15,20-tetraphenylporphinato)chloroiridium(III) molecular fluorescence in chloroform ($\tau = 5.48 \pm 0.02$ ns).

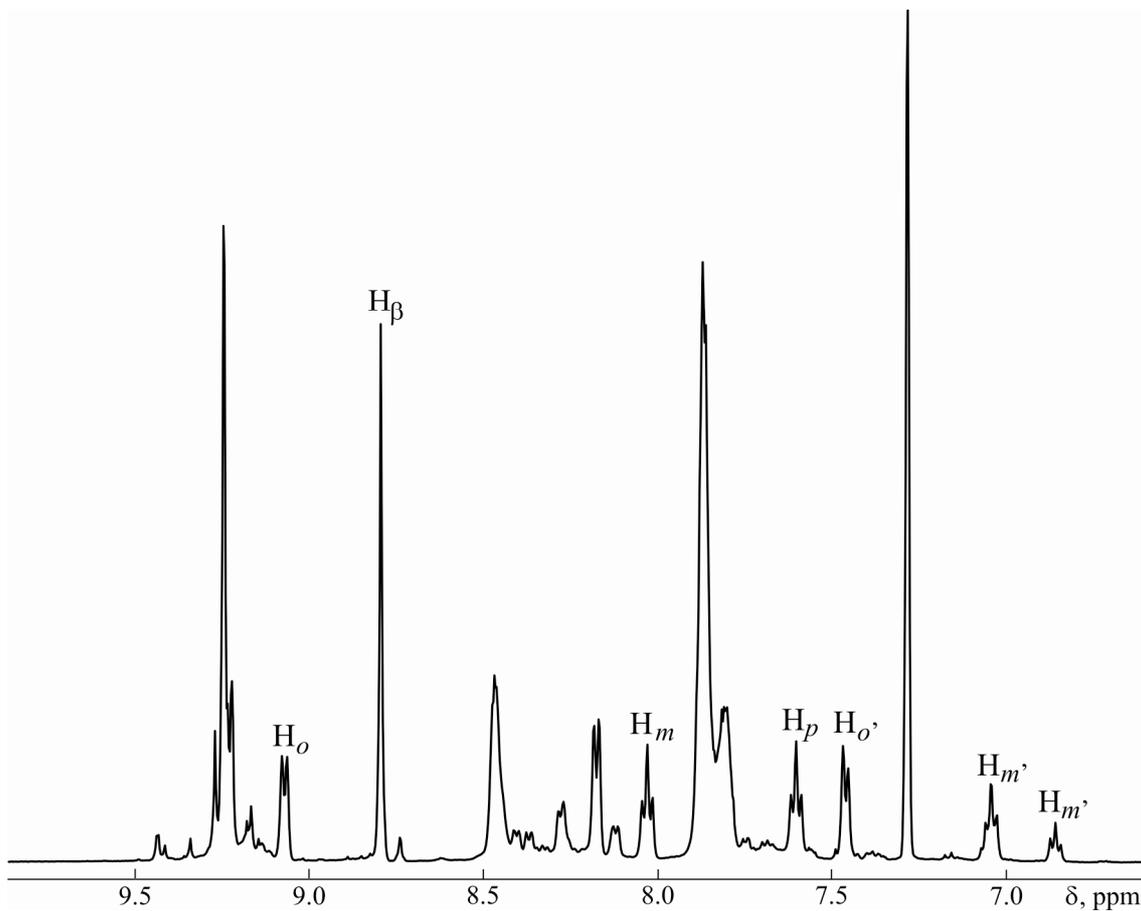


Figure 2S ^1H NMR spectra of μ -oxo-bis[(oxo)(5,10,15,20-tetraphenyl)21H,23H-porphinato]rhenium(V) in CDCl_3 . (The signals at 7.26, 7.80, between 8.01 and 8.50 and also at 9.20 correspond to an equilibrium amount of a monomer form of the μ -oxo complex.)