

Supporting Information

Synthesis, structure and photophysics of bismuth(III) complexes with Janus scorpionate and co-ligands

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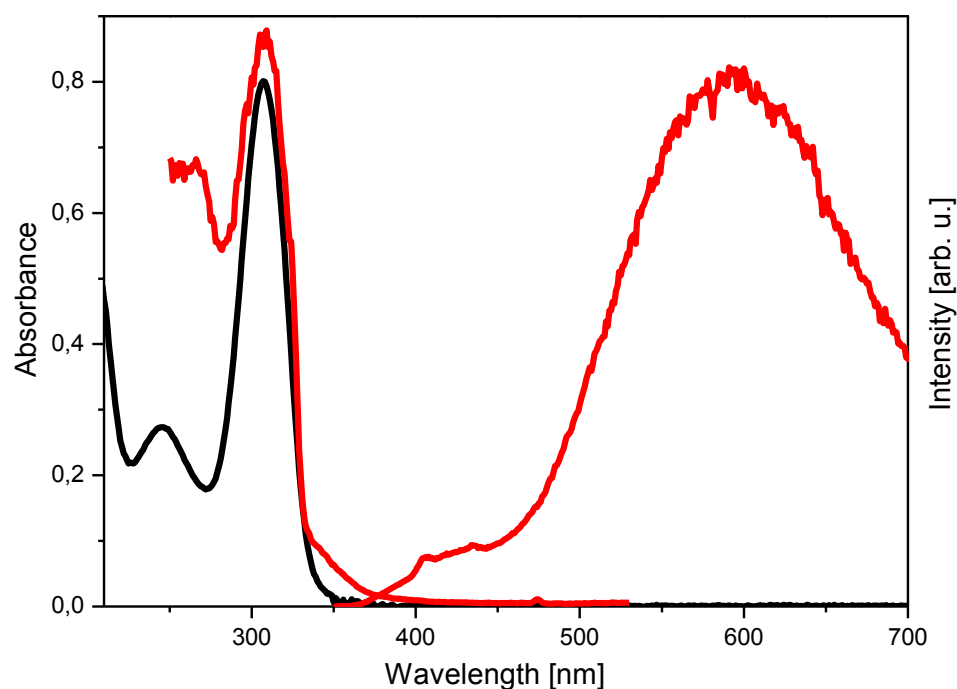


Figure S1. Absorption spectrum of **2** in ethanol (black, $c = 2.5 \cdot 10^{-5}$ mol/l). Emission and excitation spectra of **2** in ethanol glass at 77 K (blue, $\lambda_{\text{exc}} = 310$ nm, $\lambda_{\text{det}} = 550$ nm).

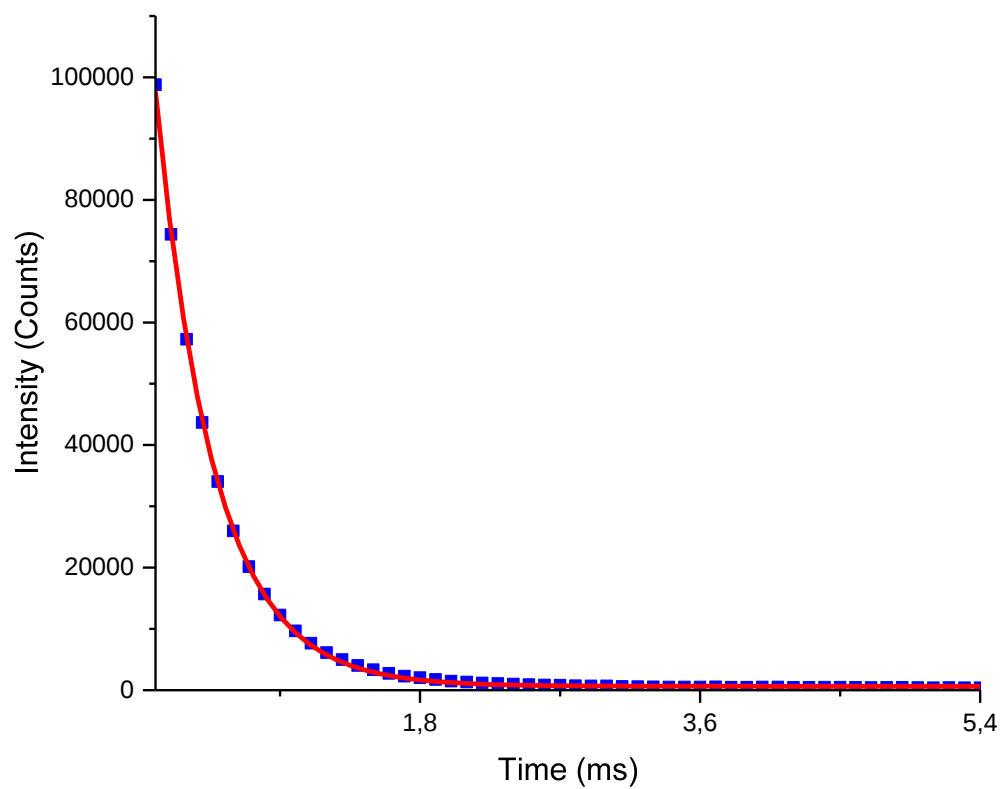


Figure S2. Emission decay of **6** in EtOH at 77 K ($\lambda_{\text{exc}} = 320$ nm, $\lambda_{\text{det}} = 550$ nm, $c = 1.3 \cdot 10^{-5}$ mol/l). Emission decay time $\tau = 0.37$ ms.

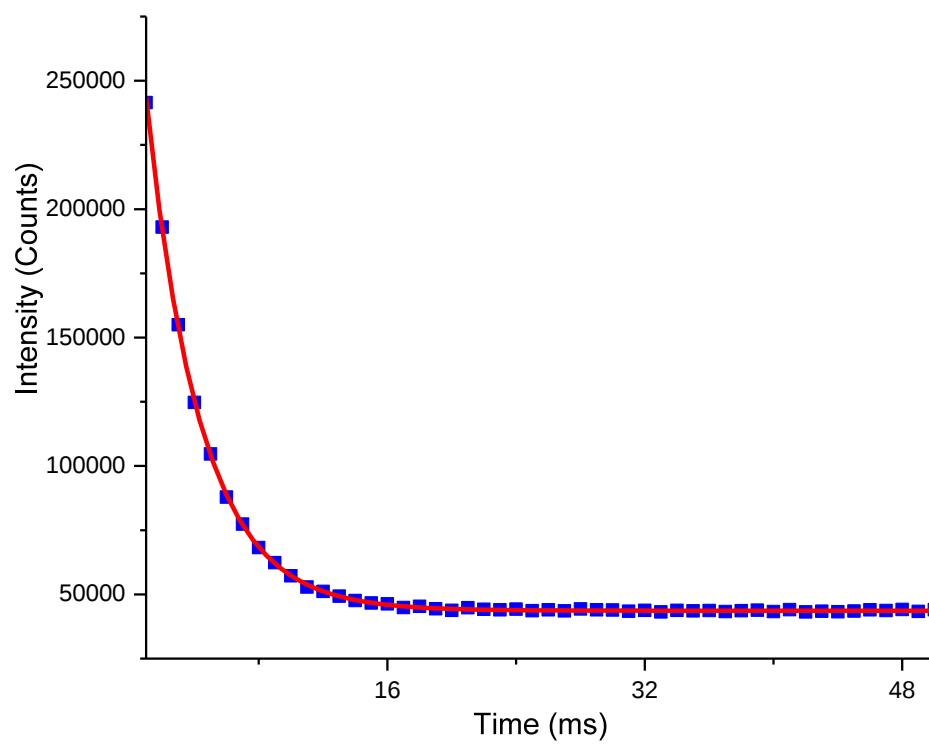


Figure S3. Emission decay of **7** in EtOH at 77 K ($\lambda_{\text{exc}} = 285$ nm, $\lambda_{\text{det}} = 500$ nm, $c = 3.3 \cdot 10^{-5}$ mol/l). Emission decay time $\tau = 3.35$ ms.