Supporting Information

Broad HOMO-LUMO gap tuning through the coordination of a single phosphine, aminophosphine, or phosphite onto a Ru(tpy)(bpy)$^{2+}$ core

Isabelle M. Dixon,† Emilie Lebon,† Gilles Loustau,† Pierre Sutra,† Laure Vendier,† Alain Igau,†*

Alberto Juris‡*

Cyclic voltammograms of complexes [Ru1]-[Ru9]  
Absorption and emission spectra of complexes [Ru1]-[Ru9]
Cyclic voltammograms in acetonitrile solution for complexes [Ru]1-[Ru]9, at 100 mV.s\(^{-1}\) scan rate, with n-Bu\(_4\)NPF\(_6\) as supporting electrolyte, platinum working and counter electrodes and using the standard calomel electrode as reference. The arrow indicates the direction of the scan.
Absorption spectra (solid line) in acetonitrile solution at room temperature, and emission spectra (dashed line, arbitrary units) in EtOH/MeOH 1:4 v/v matrix at 77 K for complexes [Ru]1-[Ru]9.