Electronic Supplementary Material (ESI) for RSC Advances. This journal is © The Royal Society of Chemistry 2017

> Fig. S1 ¹H NMR for complexes Complex [Ru(phen)₂(PTCP)]²⁺



Complex [Ru(dmp)₂(PTCP)]²⁺



Complex [Ru(ttbpy)₂(PTCP)]²⁺



Fig. S2 ¹³C NMR for the complexes Complex [Ru(phen)₂(PTCP)]²⁺





Complex [Ru(ttbpy)₂(PTCP)]²⁺



Complex [Ru(dmp)₂(PTCP)]²⁺

Fig. S3 ESI-MS for the complexes [Ru(phen)₂(PTCP)]²⁺



[Ru(dmp)₂(PTCP)]²⁺



[Ru(ttbpy)₂(PTCP)]²⁺

