

New organoruthenium complexes with bioactive thiosemicarbazones as co-ligands: potential anti-trypanosomal agents

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Table 1S. ESI-MS results for the $[\text{Ru}_2(p\text{-cymene})_2(\text{L})_2]\text{X}_2$ complexes.

	positive mode	<i>m/z</i>	negative mode	<i>m/z</i>
Ru-L1	$[\text{Ru}_2\text{C}_{32}\text{H}_{38}\text{N}_8\text{O}_6\text{S}_2]^{2+}$	449.1 (100%)		
Ru-L2	$[\text{Ru}_2\text{C}_{34}\text{H}_{42}\text{N}_8\text{O}_6\text{S}_2]^{2+}$	463.1 (100%)	PF_6^-	144.8
Ru-L3	$[\text{Ru}_2\text{C}_{36}\text{H}_{46}\text{N}_8\text{O}_6\text{S}_2]^{2+}$	477.1 (100%)	PF_6^-	144.8
Ru-L4	$[\text{Ru}_2\text{C}_{44}\text{H}_{46}\text{N}_8\text{O}_6\text{S}_2]^{2+}$	525.2 (100%)		

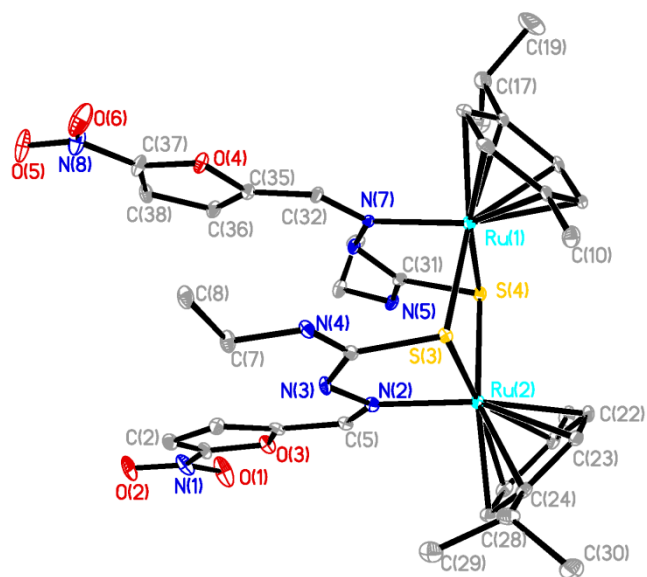


Figure S1. The cationic $[\text{Ru}_2(p\text{-cymene})_2(\text{L}3)_2]^{2+}$ complex in $[\text{Ru}_2(p\text{-cymene})_2(\text{L}3)_2](\text{PF}_6)_2$ showing ellipsoids; H atoms, the water molecule and the hexafluorophosphate are omitted.