

Influence of the Arene Ligand, the Number and Type of Metal Centers and the Leaving Group on the *in Vitro* Antitumor Activity of Polynuclear Organometallic Compounds

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SAR for Multinuclear Os(II)- and Ru(II)-Arene Complexes

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Hydrolysis of **1a** studied by UV/vis

Elemental analysis data

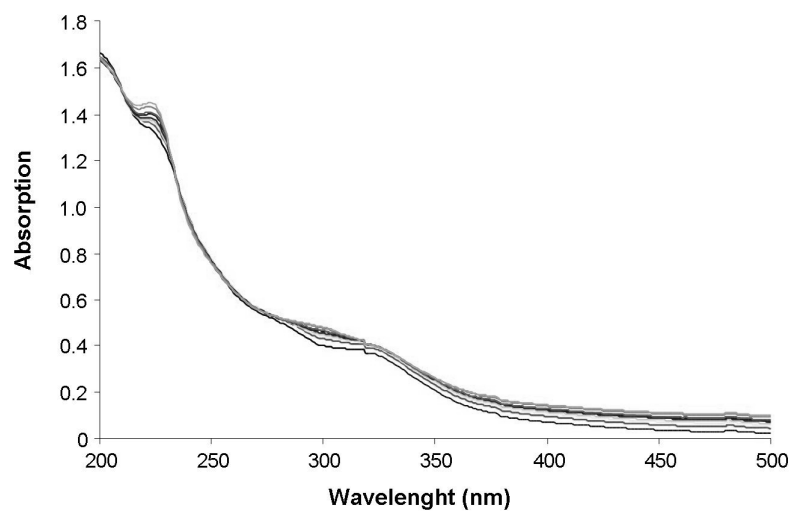


Figure S1. UV-vis spectra of **1a** in water recorded over 24 h.

Elemental analysis data

Table S1. Elemental Analyses Data for compounds **1'**, **1''**, **1a** and **1b**

	1'		1''		1a		2a	
	$C_{20}H_{28}Br_4Ru_2$		$C_{20}H_{28}I_4Ru_2$		$C_{38}H_{50}N_2O_4Os_2Cl_2$		$C_{40}H_{54}N_2O_4Os_2Cl_2$	
	theoret.	expt.	theoret.	expt.	theoret.	expt.	theoret.	expt.
C	30.40	30.43	24.56	24.81	43.46	43.20	44.56	44.92
H	3.57	3.47	2.89	2.69	4.80	4.80	5.05	4.78
N	-	-	-	-	2.67	2.96	2.60	2.79

Table S2. Elemental Analyses Data for compounds **3a**, **3b** and **4**

	3a		3b		4	
	$C_{38}H_{50}N_2O_4Ru_2Br_2$		$C_{38}H_{50}N_2O_4Ru_2I_2$		$C_{42}H_{42}N_2O_4Ru_2Cl_2$	
	theoret.	expt.	theoret.	expt.	theoret.	expt.
C	47.50	47.38	43.27	43.57	55.32	55.21
H	5.25	5.52	4.78	4.90	4.64	4.87
N	2.92	2.99	2.66	2.45	3.07	2.99

Table S3. Elemental Analyses Data for compounds **6a**, **6b** and **6c**

	6a		6b		6c	
	$C_{45}H_{48}N_4O_6 \cdot \frac{1}{2}H_2O$		$C_{24}H_{30}N_4O_6 \cdot 3H_2O$		$C_{54}H_{69}N_4O_6Ru_3Cl_3$	
	theoret.	expt.	theoret.	expt.	theoret.	expt.
C	72.07	72.18	54.95	55.32	50.68	50.56
H	6.59	6.35	6.92	6.62	5.43	5.71
N	7.47	7.54	10.68	10.21	4.38	4.50