

Supplementary Material

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Mono- and dinuclear platinum(II) compounds with 5,7-dimethyl-1,2,4-triazolo[1,5-*a*]pyrimidine. Structure, cytotoxic activity and reaction with 5'-GMP

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List of contents of the SI:

1. Table S1. ^1H and ^{13}C NMR chemical shifts (δ) of platinum(II) complexes of dmtp and the free ligand.
2. Figure S1. Packing diagram of $\{\text{H}^+[\text{C}_{28}\text{H}_{32}\text{Cl}_2\text{N}_{16}\text{Pt}_2]^{2+}(\text{NO}_3)_3(\text{H}_2\text{O})_6\}$.
3. Figure S2. ^{13}C NMR spectrum of $\{\text{H}^+[\text{C}_{28}\text{H}_{32}\text{Cl}_2\text{N}_{16}\text{Pt}_2]^{2+}(\text{NO}_3)_3(\text{H}_2\text{O})_6\}$.
4. Figure S3. Time dependent ^1H NMR for reaction of $[\text{PtCl}(\text{D}_2\text{O})(\text{dmtp})(\text{NH}_3)]^+$ with 5'-GMP in D_2O .

Table S1 ^1H and ^{13}C NMR chemical shifts (δ) of platinum(II) complexes of dmtp and the free ligand.

Compound	^1H					^{13}C				
	H(2)	H(6)	5CH ₃	7CH ₃	NH ₃	C(2)	C(3a)	C(5)	C(6)	C(7)
<i>dmtp</i> in <i>dms</i> <i>o</i> - <i>d</i> ₆	8.53	7.14	2.70	2.55	*	155.1	154.6	164.5	110.8	147.0
<i>dmtp</i> in <i>dmf</i> - <i>d</i> ₇	8.59	7.19	2.71	2.62	*	155.9	155.8	165.4	111.5	148.0
1 in <i>dms</i> <i>o</i> - <i>d</i> ₆	8.86	7.43	2.75	2.68	4.12	154.7	*	168.9	114.0	150.0
1 in <i>dmf</i> - <i>d</i> ₇	8.92	7.48	2.84	2.73	4.38	153.8	152.2	167.7	113.3	148.8
2 in <i>dms</i> <i>o</i> - <i>d</i> ₆	9.03	7.27	2.68	2.37	*	153.4	153.0	168.7	113.9	149.4
3 in <i>dmf</i> - <i>d</i> ₇	9.32	7.40	2.78	2.61	*	153.8	152.2	169.0	114.6	149.7
	9.76	7.56	2.68	2.31		154.3	151.5	172.7	115.3	155.7

* signal have not observed

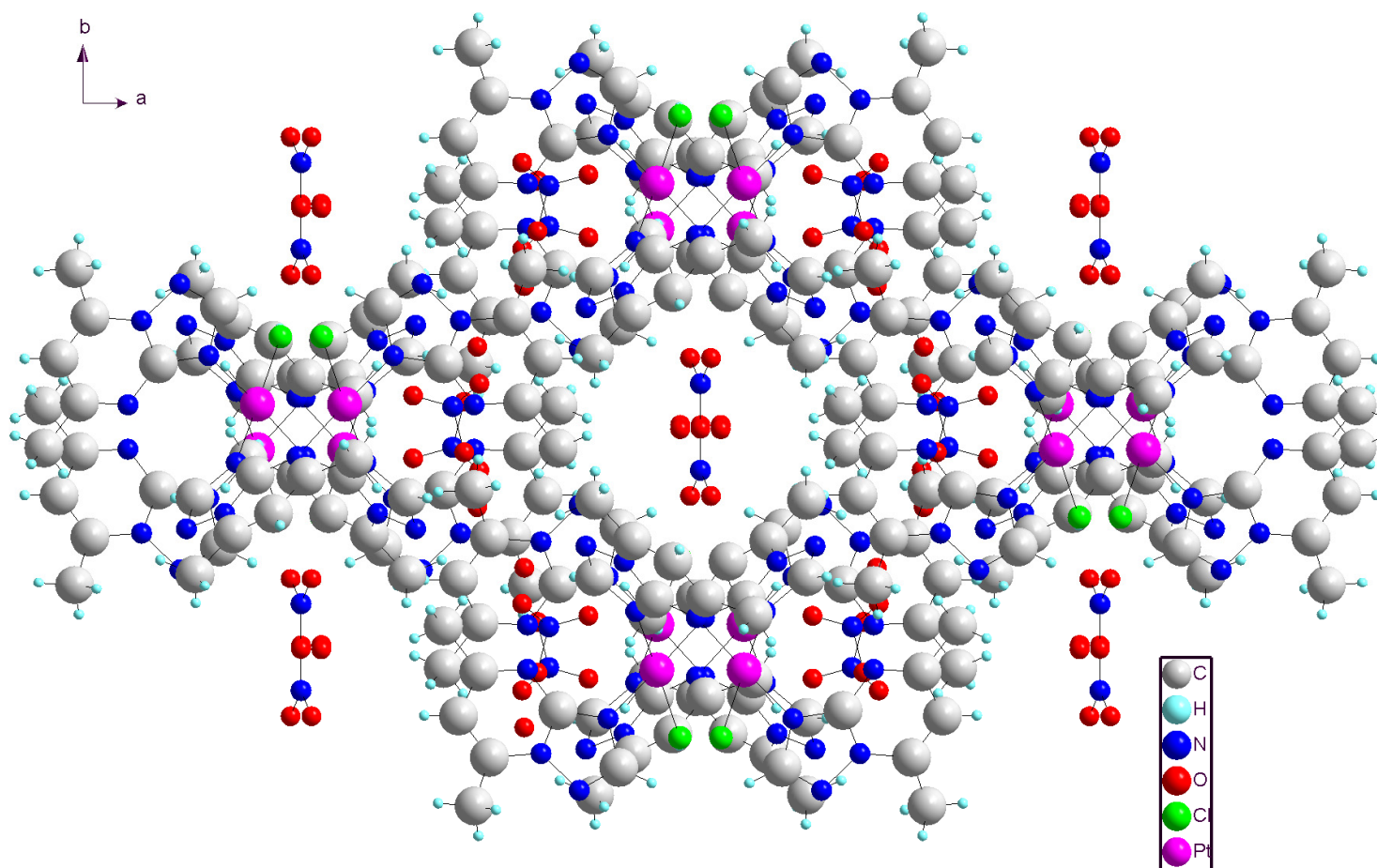


Figure S1. Packing diagram of $\{H^+[C_{28}H_{32}Cl_2N_{16}Pt_2]^{2+}(NO_3)_3(H_2O)_6\}$

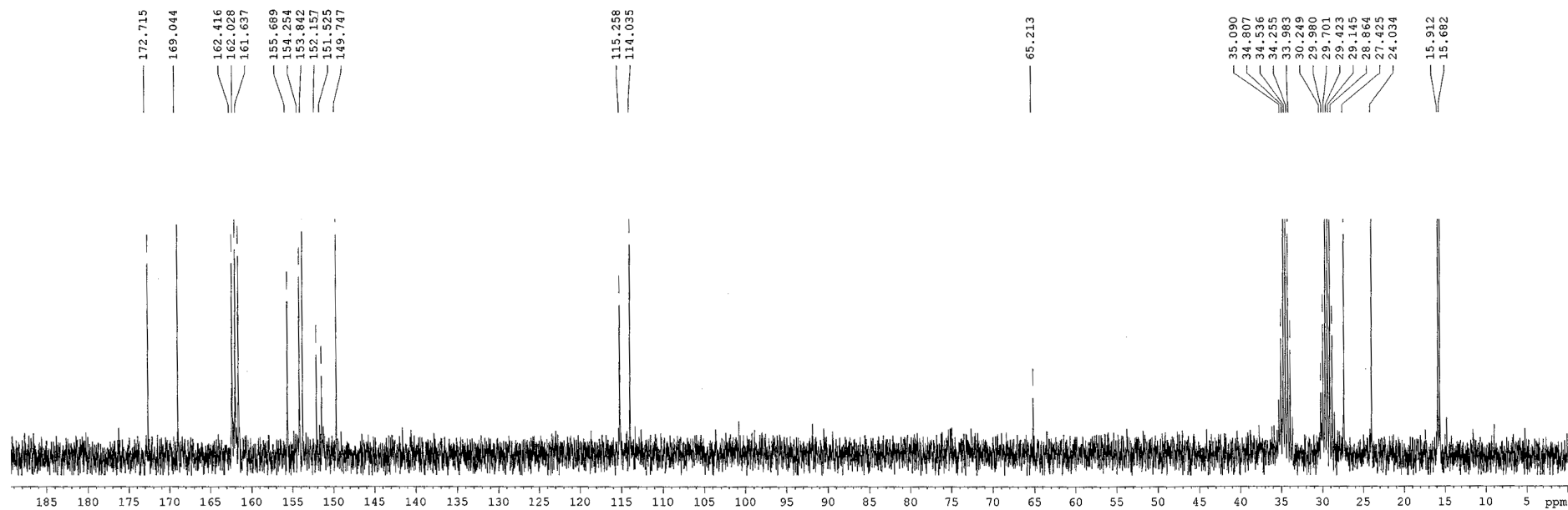


Figure S2. ^{13}C NMR spectrum of $\{\text{H}^+[\text{C}_{28}\text{H}_{32}\text{Cl}_2\text{N}_{16}\text{Pt}_2]^{2+}(\text{NO}_3)_3(\text{H}_2\text{O})_6\}$.

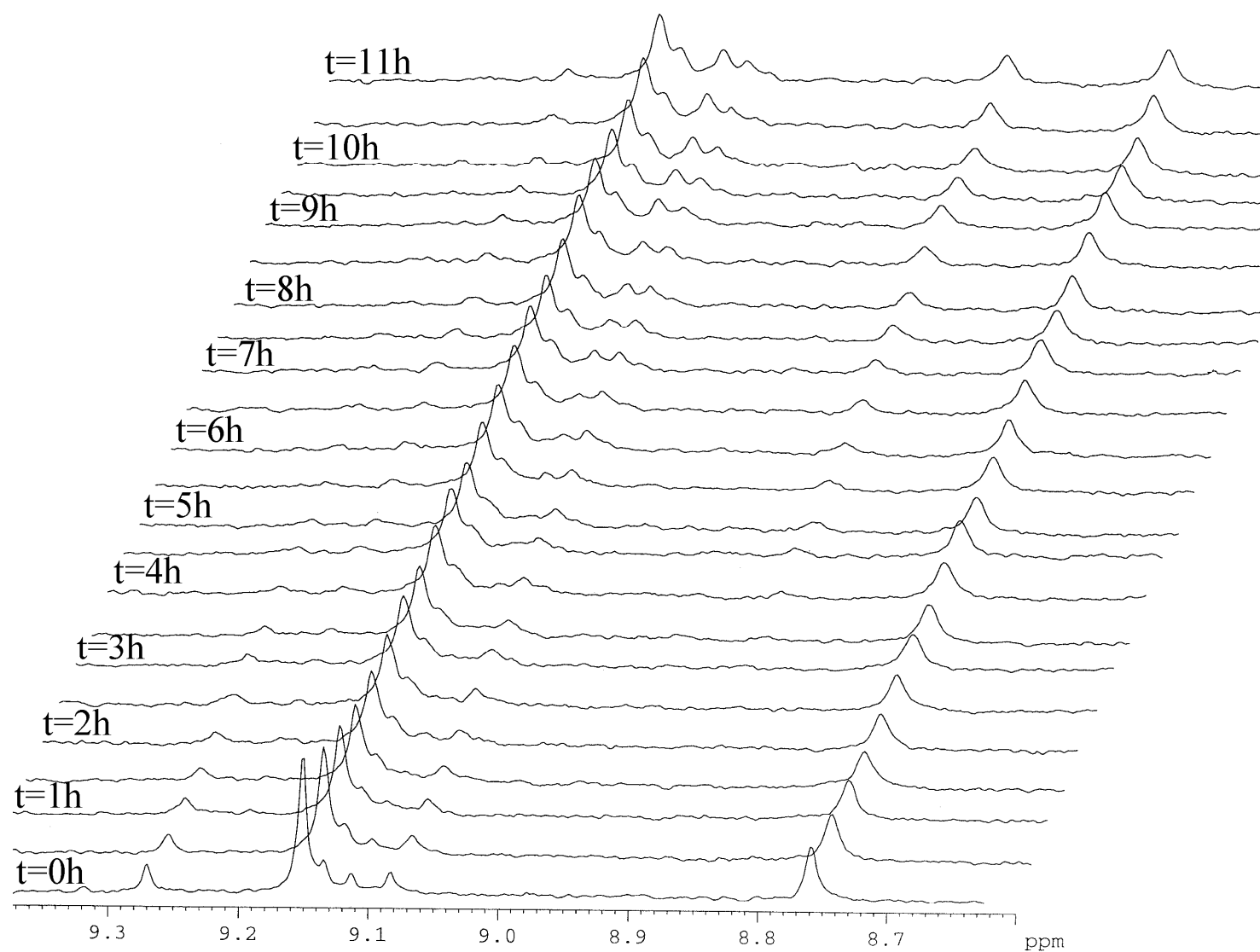


Figure S3. Time dependent ^1H NMR for reaction of $[\text{PtCl}(\text{D}_2\text{O})(\text{dmtp})(\text{NH}_3)]^+$ with 5'-GMP in D_2O .