10.1071/CH09370_AC

Australian Journal of Chemistry, 2010, 63(2), 236–244

Accessory Publication

Ligand exchange processes on the solvated zinc cation II. $[Zn(H_2O)_4L]^{2+}\cdot 2H_2O$ with L = NH_3, $NH_2(CH_3)$, $NH(CH_3)_2$ and $N(CH_3)_3$

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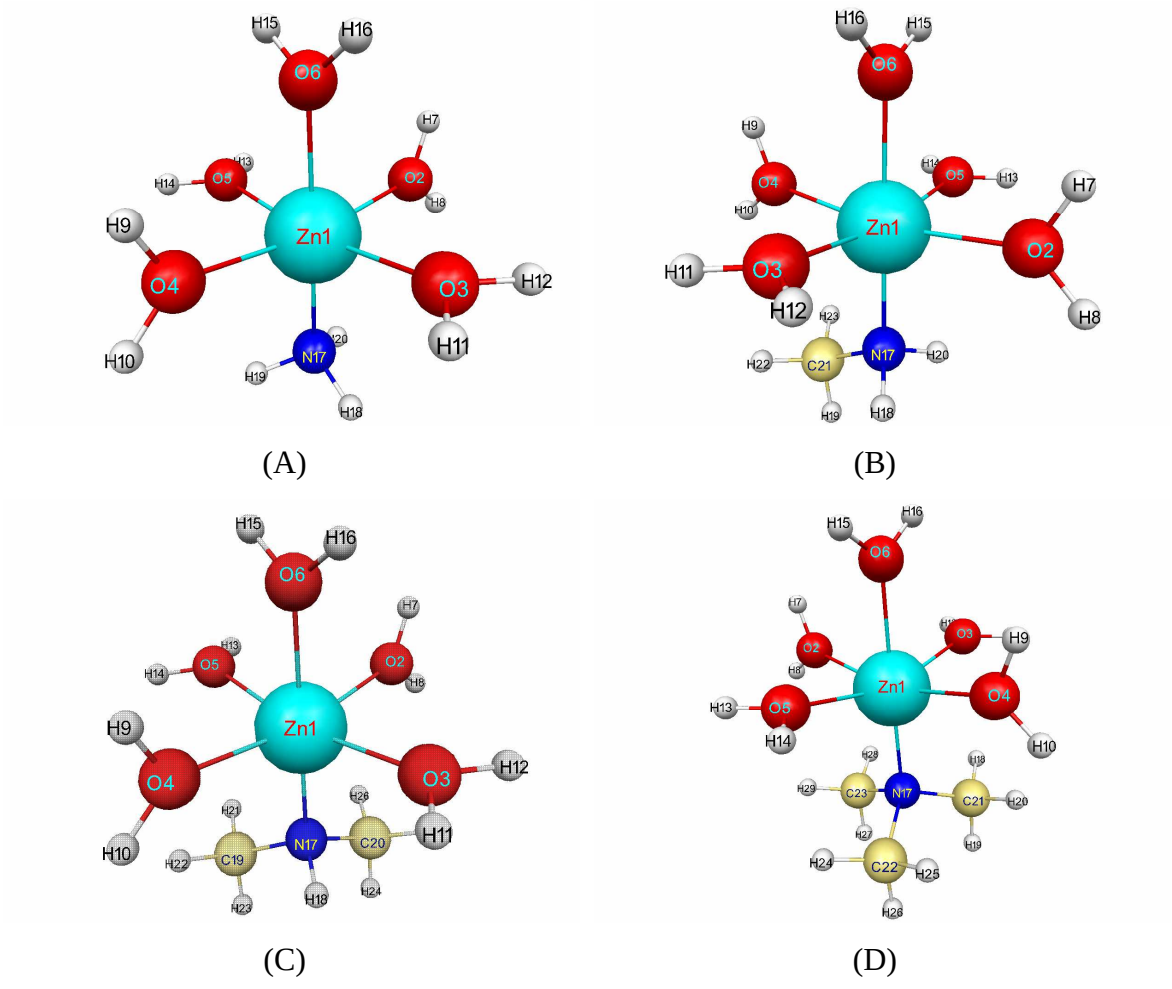

Figure S1. Calculated structures (RB3LYP/6-311+G**) of $[Zn(H_2O)_5L]^{2+}$ (L = NH_3 (A),

NH_2CH_3 (B), $NH(CH_3)_2$ (C) and $N(CH_3)_3$ (D)).

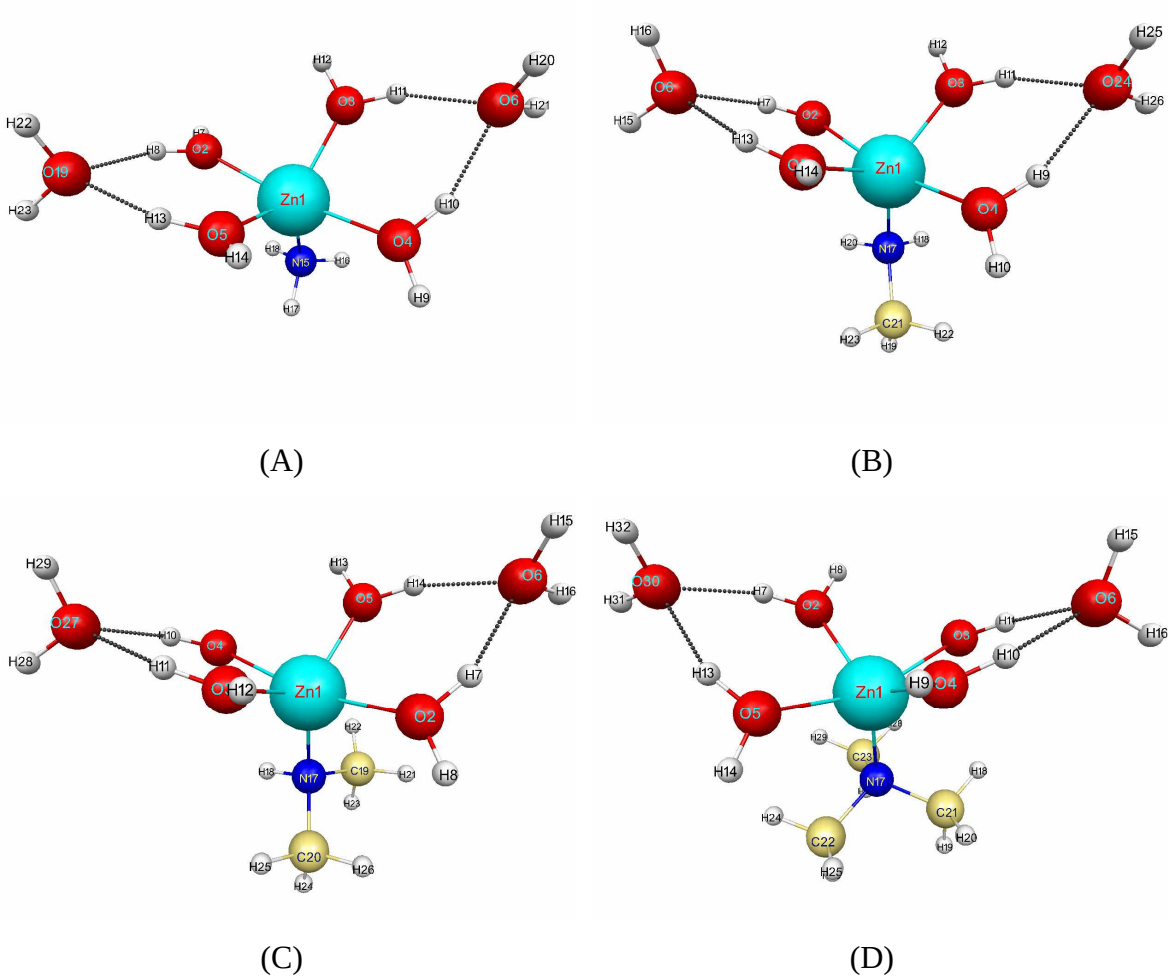

Figure S2. Calculated structures (RB3LYP/6-311+G**) of $[Zn(H_2O)_4L]^{2+}\cdot 2H_2O$ (L = NH_3 (A), NH_2CH_3 (B), $NH(CH_3)_2$ (C) and $N(CH_3)_3$ (D)).

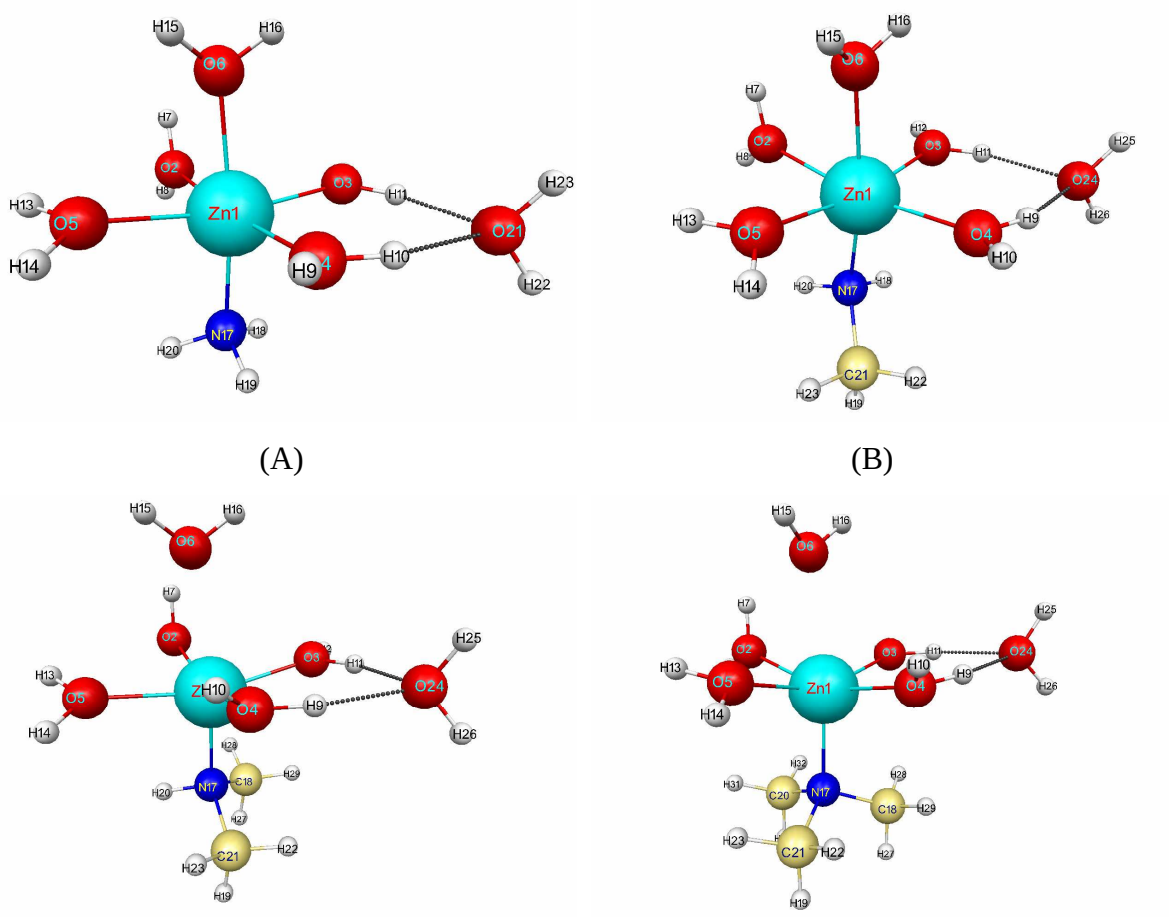

Figure S3. Calculated structures (RB3LYP/6-311+G**) of $\{[Zn(H_2O)_5L]^{2+}\cdot H_2O\}^{\ddagger}$ (L = NH_3 (A), NH_2CH_3 (B), $NH(CH_3)_2$ (C) and $N(CH_3)_3$ (D)).

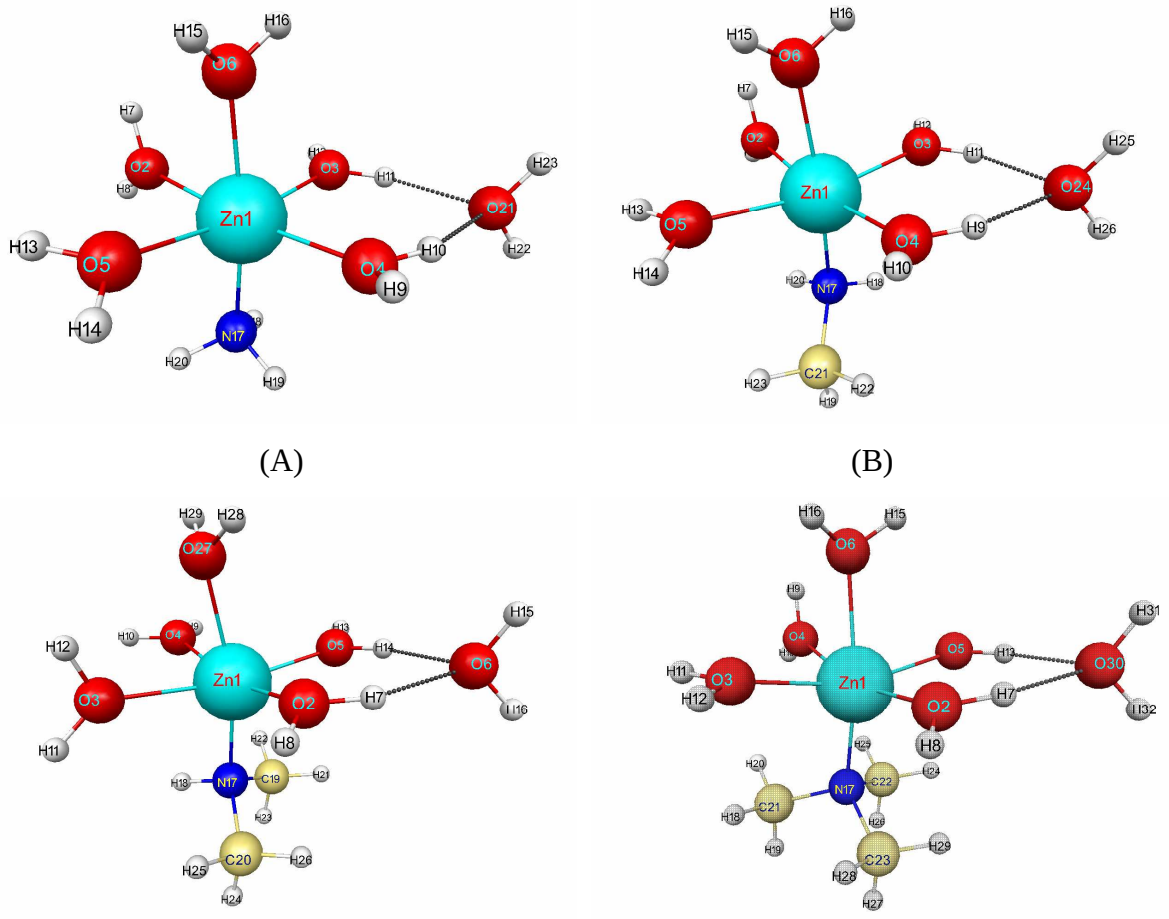

Figure S4. Calculated structures (RB3LYP/6-311+G**) of $[Zn(H_2O)_5L]^{2+}\cdot H_2O$ (L = NH_3 (A), NH_2CH_3 (B), $NH(CH_3)_2$ (C) and $N(CH_3)_3$ (D)).