**Supplementary File**

Synthesis and antitumor activity of new silver(I)-N-heterocyclic carbene complexes

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Figure S1. 1H and 13C NMR spectrums of **1a**.

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Figure S2. FT-IR spectrum of **1a**.







Figure S3. 1H and 13C NMR spectrums of **1b**.



Figure S4. FT-IR spectrum of **1b**.

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Figure S5. 1H and 13C NMR spectrums of **2a**.



Figure S6. FT-IR spectrum of **2a**.





Figure S7. 1H and 13C NMR spectrums of **2b**.



Figure S8. FT-IR spectrum of **2b**.



Figure S9. LC-MS spectrum of **2a**.



Figure S10. LC-MS spectrum of **2b**.