**Supporting Information**

A hydroxyquinoline-appended ruthenium(II)-polypyridyl complex that induces and stabilizes G-quadruplex DNA

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Figure S1. 1H NMR spectra of the ligand.



Figure S2. 1H NMR spectra of the ruthenium complex.



Figure S3. 13C NMR spectra of the ruthenium complex.

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Figure S4. The optimized structure of the ruthenium complex.