SUPLAMENTARY MATERIAL TO

**Chemical and Photoinduced Nuclease Activity of A Novel Minor Groove DNA Binder CuII Complex**

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**Fig. S1.** GC-MS spectrum for dtb.

**Fig. S2.** 1H-NMR spectrum for dtb.

**Fig. S3.** FT-IR spectrum for dtb.

**Fig. S4.** ESI-MS spectrum for [Cu(dtb)(phen)]2+.

**Fig. S5.** FT-IR spectrum for [Cu(dtb)(phen)]2+.

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Fig. S1. GC-MS spectrum for dtb.

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Fig. S2. 1H-NMR spectrum for dtb.



Fig. S3. FT-IR spectrum for dtb.

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Fig. S4. ESI-MS spectrum for [Cu(dtb)(phen)]2+

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Fig. S5. FT-IR spectrum for [Cu(dtb)(phen)]2+.

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